



Subscription New Feature Releases

Feb 20

Subscription customers, as part of their benefits, can download the following, via the [Subscription Center](#).

Inventor iLogic™ Extension for Autodesk® Inventor® 2009

Exclusively available for customers with their Autodesk® Inventor® software products on Autodesk® Subscription, the Inventor® iLogic Extension 2009 enhances the parametric design capabilities of Inventor 2009 software by providing a powerful and elegant solution for rules-based design. With its easy-to-use rules, authoring capabilities, and an intuitive user interface seamlessly integrated with the Inventor product, Inventor iLogic technology shatters barriers to automating tedious design tasks and adds higher levels of design intelligence to your digital prototypes.

Revit® Extensions for Revit® Architecture 2009 – Q4 Updates

Revit Extensions are a series of easy-to-use applications that extend the capabilities of Revit Architecture 2009 software in key areas, including modeling, coordination, and documentation. Specifically, the extensions provided in this executable file are: Grid Generator, Freeze Drawings, Compare Models, Text Generator, Elements Positioning, and Model Generation based in Microsoft® Excel® spreadsheet software. The file installs the Revit Extensions for Revit Architecture 2009 and includes the Extensions Engine, a platform that hosts each extension within Revit Architecture 2009 software.

Please note that the multi-language executable file contains content in English, French, German, Italian, Japanese, Polish, Russian, and Simplified Chinese. Revit Extensions for Revit Architecture 2009 are compatible with the 32-bit and 64-bit versions of Revit Architecture 2009 software.

Revit® Extensions for Revit® MEP 2009 – Q4 Updates

Revit Extensions are a series of easy-to-use applications that extend the capabilities of Revit MEP 2009 software in key areas, including modeling, coordination, and documentation. Specifically, the extensions provided in this executable file are: Freeze Drawings, Compare Models, Text Generator, and Elements Positioning. The file installs the Revit Extensions for Revit MEP 2009. It also includes the Extensions Engine, a platform that hosts each Extension within Revit MEP 2009 software.

Please note that the multi-language executable file contains content in English, Japanese, and Simplified Chinese. Revit Extensions for Revit MEP 2009 are compatible with the 32-bit and 64-bit versions of Revit MEP 2009 software.

Revit® Extensions for Revit® Structure 2009 – Q4 Updates

Revit Extensions are a series of easy-to-use applications that extend the capabilities of the Revit® Structure 2009 software in key areas, including structural analysis, modeling, concrete reinforcement, interoperability, and construction documentation. Specifically, the extensions provided in this executable file are:

- **Structural Analysis:** Analysis Integration Enabler, Analysis Integration Enabler for Autodesk Concrete Building Structures 2009,
- Static Analysis of Beams, Static Analysis of Frames, Static Analysis of Slabs, Static Analysis of Trusses.
- **Import/Export:** CIS/2 Export, CIS/2 Import.
- **Reinforcement:** Automatic Reinforcement Generation, Reinforcement of Beams, Reinforcement of Columns, Reinforcement of Continuous Footings, Reinforcement Design, Reinforcement Drawings Enabler, Reinforcement of Parapets, Reinforcement of Piles, Reinforcement of Pile Caps, Reinforcement of Retaining Walls, Reinforcement of Slab Corners, Reinforcement of Slab Openings, Reinforcement of Spread Footings, Reinforcement of Walls, Reinforcement of Wall Corners.
- **Modeling:** Model Generation based in Microsoft® Excel® spreadsheet software, Grids Generator, Bridge Modeling (NEW)
- **Miscellaneous:** Text Generator, Elements Positioning, Freeze Drawings, Compare Models

The file installs the Revit Extensions for Revit Structure 2009 software. It also includes the Extensions Engine, a platform that hosts each extension within Revit Structure 2009. Please note that the multi-language executable file contains content in English, French, German, Italian, Japanese, Polish, Russian, and Simplified Chinese. Revit Extensions for Revit Structure 2009 are compatible with the 32-bit and 64-bit versions of Revit Structure 2009 software (with the exception of Analysis Integration Enabler for Autodesk Concrete Building Structures 2009 and Reinforcement Drawings Enabler).

Residential HVAC Load Calculation Extension for Revit® MEP 2009 and AutoCAD® MEP 2009

The Residential Heating, Ventilation, and Air Conditioning (HVAC) Load Calculation Extension for Revit® MEP 2009 software and AutoCAD® MEP 2009 software is a residential and light commercial HVAC load calculation software tool that determines peak cooling and heating loads for buildings. By downloading this extension, MEP professionals will be able to properly size building mechanical systems for residential and light commercial projects. Architects, home owners, and home builders can also benefit from the software tool on their projects. The extension can be used alone or in conjunction with other Autodesk® technology. The extension is able to integrate with these tools by importing and exporting gbXML. Content is currently available in English only.

Feature Summary

The following is a feature summary for Revit® Extensions for Revit® Architecture 2009 software (Q4 update) that provides an overview of the new functionality in the following categories:

Framework (common features)

New features for existing Revit Extensions

Framework

New languages

The User Interface and help files are available in Japanese and Russian.

New features for existing Revit Extensions

Compare models

Compare Models

In the current version, these Revit Extensions compare models taking into account the detailed parameters of each family and object. The detailed comparison can be reviewed by the user and can also be presented in the form of a report. Additionally, the analytical representation of physical elements and objects location as well as material parameters can also be compared.

A detailed description of each feature can be found in the Revit Extensions help file.



Autodesk and Revit are registered trademarks or trademarks of Autodesk, Inc., and/or its subsidiaries and/or affiliates in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

© 2000 Autodesk, Inc. All rights reserved.

Feature Summary

The following is a feature summary for Revit® Extensions for Revit® MEP 2009 software (Q4 update) that provides an overview of the new functionality in the following categories:

Framework (common features)

New features for existing Revit Extensions

Framework

New languages

The User Interface and help files are available in Japanese.

New features for existing Revit Extensions

Compare models

Compare Models

In the current version, these Revit Extensions compare models taking into account the detailed parameters of each family and object. The detailed comparison can be reviewed by the user and can also be presented in the form of a report. Additionally, the analytical representation of physical elements and objects location as well as material parameters can also be compared.

A detailed description of each feature can be found in the Revit Extensions help file.



Autodesk and Revit are registered trademarks or trademarks of Autodesk, Inc., and/or its subsidiaries and/or affiliates in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

© 2009 Autodesk, Inc. All rights reserved.

Feature Summary

The following is a feature summary for Revit® Extensions for Revit® Structure 2009 software (Q4 update) that provides an overview of the new functionality in the following categories:

Framework (common features)

New Revit Extensions

New features for existing Revit Extensions

Framework

New languages

The User Interface and help files are available in Japanese and Russian.

New Revit Extensions

Bridge Modeling

With the help of Bridge Modeling extension being part of Revit® Extensions for Revit® Structure 2009 software, you can better generate bridges based on user-defined criteria. Users can define basic parameters of the geometry of a bridge including: a road profile, a deck, abutments, piers, and railings. The road profile may also be imported from a LandXML format file. The bridge is generated with the help of user-defined families that are provided with these Revit Extensions.

New features for existing Revit Extensions

Compare models

Compare Models

In the current version, these Revit Extensions compare models taking into account the detailed parameters of each family and object. The detailed comparison can be reviewed by the user and can also be presented in the form of a report. Additionally, the analytical representation of physical elements and objects location as well as material parameters can also be compared.

A detailed description of each feature can be found in the Revit Extensions help file.



Autodesk and Revit are registered trademarks or trademarks of Autodesk, Inc., and/or its subsidiaries and/or affiliates in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

© 2009 Autodesk, Inc. All rights reserved.



Subscription New Feature Releases

Jan 23

Subscription customers, as part of their benefits, can download the following, via the [Subscription Center](#).

AutoCAD® Civil 3D® 2009

- Canal, Highway and Land Development Chinese Country Kit for AutoCAD Civil 3D 2009 – Simplified Chinese Only

AutoCAD® MEP 2009

- Custom Panel Schedule with AutoCAD MEP 2009 - White Paper.
- Danish Pipe Catalog for AutoCAD MEP 2009 - Danish Only
- French Country Kit for AutoCAD MEP 2009 – French Only

Autodesk® 3ds Max® 2009 and Autodesk® 3ds Max® Design 2009

- CAT Plug-in - Create Product for Autodesk 3ds Max 2009 and Autodesk 3ds Max Design 2009 – English Only
- Autodesk 3dsMax: Scripting > Scripting a Base Plug-in Part 5 (podcast) – English Only
- Autodesk 3dsMax: Rendering > Automotive Visualization Tips and Tricks (eDVD) – English Only
- Autodesk 3ds Max Design Techniques: Rendering > Architectural and Industrial Visualization with mental ray and 3ds Max (eDVD) – English Only

Autodesk® Maya® 2009

- Autodesk Maya 2009: Scripting > API and Game Dev IV (podcast) – English Only
- Autodesk Maya: Dynamics > Python and Dynamics I (podcast) – English Only
- Autodesk Maya: Dynamics > Python and Dynamics II (podcast) – English Only
- Autodesk Maya: Scripting > API and Game Dev V (podcast) – English Only
- Autodesk Maya Techniques: Scripting and API > FBX SDK (eDVD) – English Only

Autodesk® MotionBuilder®

- Autodesk MotionBuilder: Rigging and Animation > Cloning a Run into a Strafe (podcast) – English Only
- Autodesk MotionBuilder 7.5: Hand Motion Capture Solving (eDVD) – English Only

Revit® MEP 2009

- Space Naming Utility for Revit MEP 2009– English Only

Revit® Structure 2009

- Bridge Toolkit for Revit Structure 2009– English Only



Subscription New Feature Releases

Jan 23

Subscription customers, as part of their benefits, can download the following, via the [Subscription Center](#).

AutoCAD® Civil 3D® 2009

Canal, Highway and Land Development Chinese Country Kit for AutoCAD Civil 3D 2009 – Simplified Chinese Only

水渠、道路、场地设计AutoCAD Civil 3D 2009 中国本地化包

根据用户的反馈，水渠、道路、场地设计AutoCAD Civil 3D 2009

中国本地化包增加了许多重要的功能。本地化包新增的功能可以帮助土木工程师更加有效的进行优化设计，这些功能包括：

- 根据部件的代码创建道路标签；
- 使用新开发的水渠部件进行水渠设计；
- 更加高效的处理电子地形图；
- 创建平面分图并消隐道路模型下的原始地形；
- 导入导出原始纵横断面数据；
- 绘制两个曲面的交线；
- 编制水渠设计标准横断面库；
- 为水渠、道路、场地设计定制单独的工作空间；
- 导入其它程序路线到AutoCAD Civil 3D中；
- 更快的计算土方施工图；
- 生成符合中国用户要求的图形和报表；

AutoCAD® MEP 2009

Custom Panel Schedule with AutoCAD MEP 2009 - White Paper

Learn how AutoCAD® MEP 2009 software can be used to create custom panel schedules. Using this document, MEP designers and drafters can learn how to leverage the panel and circuit data from directly within AutoCAD MEP, helping to eliminate reliance on third-party applications. Content is currently available in English only.

Danish Pipe Catalog for AutoCAD MEP 2009 – Danish Only

The Danish Pipe Catalog for AutoCAD® MEP 2009 software provides MEP professionals with a new pipe catalog, based specifically on Danish industry standards. The Danish Pipe catalog enables AutoCAD MEP users to facilitate pipe content identification and specification.

Content is currently available in Danish only.

French Country Kit for AutoCAD MEP 2009 – French Only

The French Country Kit for AutoCAD MEP® 2009 software provides MEP professionals with additional localized content, based specifically on French industry standards. The Country Kit includes catalog content and style-based content and tool palettes, facilitating coordinated drafting and construction documentation. Content is currently available in French only and should be installed on the French language version of AutoCAD MEP 2009.

Autodesk® 3ds Max® 2009 and Autodesk® 3ds Max® Design 2009

CAT Plug-in - Create Product for Autodesk 3ds Max 2009 and Autodesk 3ds Max Design 2009

Autodesk® 3ds Max® CAT software is a complete character animation toolset for Autodesk® 3ds Max® 2009 and Autodesk® 3ds Max® Design 2009 software. With this latest addition of Character Animation Tools (CAT) to the 3ds Max 3ds Max Design software, Autodesk continues to demonstrate its industry leadership in character animation by providing artists with even more flexibility to create complex 3D characters and animations inside the award winning 3ds Max software. 3ds Max CAT offers artists in the film, post-production, design visualization, and games industries an environment to produce better animations faster. Previously offered at an additional cost of \$995 USD, Autodesk 3ds Max CAT is now offered exclusively to Autodesk Subscription customers as a free download.

Autodesk 3dsMax: Scripting > Scripting a Base Plug-in Part 5 (podcast)

Description: This podcast continues with the pathstrip scripted plug-in project started in part 4.

Autodesk 3dsMax: Rendering > Automotive Visualization Tips and Tricks (eDVD)

This seminar deals with the problems of using CAD geometry to create photorealistic images for print and animation. Topics range from color, lighting to shaders and render settings.

Autodesk 3ds Max Design Techniques: Rendering > Architectural and Industrial Visualization with mental ray and 3ds Max (eDVD)

Explore techniques used in preparing architectural and industrial visualizations.

Autodesk® Maya® 2009

Autodesk Maya 2009: Scripting > API and Game Dev IV (podcast)

Learn how to use objects to take your first steps towards building a Maya based level editor/world building tool. Start out by writing your first custom Maya node, the MPxLocator.

Autodesk Maya: Dynamics > Python and Dynamics I (podcast)

Learn to use Python in your dynamics workflow. Set and get array attributes with Python. This presentation will continue in Python and Dynamics II.

Autodesk Maya: Dynamics > Python and Dynamics II (podcast)

This podcast continues to teach how to use Python in your dynamics workflow and explore the use of Python in expressions.

Autodesk Maya: Scripting > API and Game Dev V (podcast)

Delve deeper into attributes and learn how to formalize and extend the MPxLocator created in part 4.

Autodesk Maya Techniques: Scripting and API > FBX SDK (eDVD)

Understand what a FBX file is and learn how to use the FBX SDK language.

Autodesk® MotionBuilder®

Autodesk MotionBuilder: Rigging and Animation > Cloning a Run into a Strafe (podcast)

Learn how to use MotionBuilder layers and Control Rig Reach settings to produce a strafe run from a regular run using just one keyframe.

Autodesk MotionBuilder 7.5: Hand Motion Capture Solving (eDVD)

Learn how to fine-tune your character animation with complex hand articulation.

Revit® MEP 2009

Space Naming Utility for Revit MEP 2009

The Space Naming Utility for Revit® MEP 2009 software is an intuitive tool that automatically assigns the names and numbers from architectural rooms to Revit MEP spaces. By downloading the Space Naming Utility for Revit MEP 2009 software, you can eliminate the need to manually assign names to the spaces, helping save time and simplifying your workflow.

Content is currently available in English only.

Revit® Structure 2009

Bridge Toolkit for Revit Structure 2009

The Bridge Toolkit for Revit® Structure 2009 software provides information, tools, content, and datasets that will better enable structural engineers and drafters to address infrastructure build-out as it relates to bridges. Specific components include:

- Box Girder Methodology and Datasets
- Precast Girder Methodology and Datasets
- Bridge Components .rfa Content
- Bridge Modeling Using Revit® Structure 2009 Software (Tips and Tricks)

Perfect your bridge design and modeling Better design and model your bridge using this toolkit along with Revit Structure 2009, a powerful and parametric structural software solution from Autodesk, Inc.

AUTODESK®
SUBSCRIPTION

AutoCAD LT® 2009 – Product Downloads

At this time, there are no product downloads for AutoCAD LT



Autodesk and AutoCAD LT are registered trademarks or trademarks of Autodesk, Inc., in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

© 2008 Autodesk, Inc. All rights reserved.

AutoCAD LT® 2009 - Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#)

Transitioning from AutoCAD LT 2008 to AutoCAD 2009 e-Learning

Description	<p>You can transition from AutoCAD LT 2008 to 2009 with ease by following this step-by-step e-Learning course. This course will walk you through the latest features, so you will be up and running in no time with the latest versions. This course contains the following lessons:</p> <ul style="list-style-type: none">• Navigating the AutoCAD Interface• Menu Browser• Quick View• Quick Properties• Layer Properties Manager• Customizing the UI• Using DWFX <p>Each lesson can be accessed separately and each includes review and knowledge assessment tools. Please note that this course does not have simulations.</p>
Release Date	July 24, 2008
Language	English, Japanese

Annotation Scaling e-Learning

Description	<p>This intermediate e-Learning course will show the advanced AutoCAD LT user how to use annotation scaling and demonstrates how it can be used to increase productivity. Also, learn how to use object properties and styles to control annotation scale. This course contains the following lessons:</p> <ul style="list-style-type: none">• Introduction to Annotation Scaling• Controlling Annotation Scale <p>Each lesson can be accessed separately and each includes review, simulation exercises and knowledge assessment tools.</p>
Release Date	August 22, 2008
Language	English Only

Attributes and Tables e-Learning

Description	<p>This intermediate e-Learning course will show the advanced AutoCAD LT user how to create attributes, format and edit attributes, how to create and edit tables, and how to export and import data stored in tables and integrate drawing data with external data files such as Excel spreadsheets. This course contains the following lessons:</p> <ul style="list-style-type: none">• Creating Attributes• Editing Attributes• Creating and Editing Tables• Working with External Table Data <p>Each lesson can be accessed separately and each includes review, simulation exercises and knowledge assessment tools.</p>
Release Date	August 22, 2008
Language	English Only

Dynamic Blocks e-Learning

Description	<p>Learn how to use dynamic blocks, how to add dynamic blocks to standard block objects. Learn the types of actions available and the method to add them to dynamic blocks. This course contains the following lessons:</p> <ul style="list-style-type: none">• Using Dynamic Blocks• Adding Parameters to Dynamic Blocks• Adding Actions to Dynamic Blocks• Creating Dynamic Blocks <p>Each lesson can be accessed separately and each includes review, simulation exercises and knowledge assessment tools.</p>
Release Date	August 22, 2008
Language	English Only



AutoCAD® 2009 – Product Downloads

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#)

Autodesk Impression 2 Software Download

Description	Impress your colleagues and clients with compelling presentation-ready graphics created directly from your DWG™ and DWF™ files. Autodesk® Impression software is easy to use, saves you time, and recognizes data from your CAD files. Benefits include: <ul style="list-style-type: none">▪ Generate Great-Looking Images—Fast. Presentation graphics are about winning business. Your images have to sell your projects. With Impression you can easily apply graphical styles to your CAD files using prebuilt styles or customized styles that you create—from pencil styles to watercolor fills.▪ CAD Compatible - Because Impression understands CAD data, the illustration process is much faster than with general-purpose graphics applications. Open any DWG or DWF file in Impression. Impression recognizes blocks, layers, hatches and other CAD-specific data.▪ Easy to Learn and Use - Impression is designed so that anyone in the office can learn the application in minutes and can get great results right away.▪ Quickly Create Multiple Design Iterations - Quickly update your presentation graphics when designs change or apply your signature style to all the drawings that you produce.▪ Integrate Into Existing Workflow - Impression fits easily into your existing workflow and is interoperable with many popular graphics applications.
Learn More	www.autodesk.com/impression
Release Date	March 25, 2008
Language	English, German, Japanese

Autodesk Vault 2009 Software Download

Description	For customers in the manufacturing, media, building and civil engineering industries Autodesk Vault securely stores all versions of design documents in a single location so users can easily find, reference, and reuse the right information. Autodesk Vault lets you coordinate working documents and synchronizes design-related efforts: <p>Access & Version Control - Permission-based secure check-in/check-out of design documents ensures that team members are always working on the correct version.</p> <p>Organize & Re-Use Design Data - With fast, powerful search capabilities you can quickly find elements of design work for reference or re-use.</p> <p>Work-in-Progress Tracking - Securely maintain a 'history of design' that safely stores all versions of the design evolution for reference and accountability.</p>
Learn More	www.autodesk.com/vault
Release Date	March 25, 2008
Language	English, French, Italian, German, Spanish, Japanese, Korean, Traditional Chinese, Simplified Chinese, Brazilian Portuguese, Russian, Czech, Hungarian, Polish

AutoCAD 2009 Subscription Bonus Pack

Description	The AutoCAD® 2009 Subscription Bonus Pack provides many useful AUGI (Autodesk User Group International) functionality requests, including: <ol style="list-style-type: none">1. New measurement capabilities (MEASUREGEOM command)2. SPLINE to PLINE3. Reverse PLINE edit4. Rotating viewport and have the view rotate with the viewport5. Erase unreferenced unnamed objects
Release Date	July 24, 2008
Language	This Bonus Pack is only available in English, although it can be installed on localized versions of AutoCAD if desired. If it is loaded on a localized version of AutoCAD all new and related commands will be in English only.



AutoCAD® 2009 – Product Downloads

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#)

AutoCAD 2009 Subscription Bonus Pack 2 — PDF Enhancements

Description	AutoCAD 2009 Subscription Bonus Pack 2 delivers exciting new PDF enhancements. PDF Underlays Now you can import PDF files, attaching them as PDF underlays. Once you attach a PDF underlay, you can use a variety of tools to snap to lines and objects, control the display of layers, move, scale, rotate, and clip the PDF underlay. PDF Output Key improvements have been made for publishing PDF files. File sizes have been reduced, making it easier to share designs. TrueType font support has been added, giving you control over precisely how your fonts are displayed.
Release Date	November 13, 2008
Language	This bonus pack is only available in English for AutoCAD® 2009, although, if desired, it can be installed on localized versions of AutoCAD 2009. If installed on a localized version of AutoCAD 2009, all new and related commands display in English only.

AutoCAD 2009 Subscription Bonus Pack 3 – 3D Printing

Description	You can print an AutoCAD model through a 3D printing service. 3D printing is the process of creating physical models from 3D models. Even if you do not have access to a 3D printer, you can print a 3D model by sending a drawing to a 3D printing service provider. Autodesk has partnered with several 3D printing services. Download this bonus pack, and then use the 3DPRINT command to prepare 3D models for printing and send them to one of these companies.
Release Date	November 13, 2008
Language	This bonus pack is only available in English, although it can be installed on localized versions of AutoCAD if desired. If it is loaded on a localized version of AutoCAD all new and related commands will be in English only.



AutoCAD® 2009 - Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Transitioning from AutoCAD 2008 to AutoCAD 2009 e-Learning

Description You can transition from AutoCAD LT 2008 to 2009 with ease by following this step-by-step e-Learning course. This course will walk you through the latest features, so you will be up and running in no time with the latest versions. This course contains the following lessons:

- Navigating the AutoCAD Interface
- Menu Browser
- Quick View
- Quick Properties
- Layer Properties Manager
- Action Macros
- Customizing the UI
- View Cube
- Steering Wheels
- ShowMotion
- Using DWFX

Each lesson can be accessed separately and each includes review, hands-on exercises and knowledge assessment tools.

Release Date April 11, 2008

Language English, French, Italian, German, Latin American Spanish, Japanese, Korean, Simplified Chinese, Brazilian Portuguese

Introduction to 3D Modeling with AutoCAD 2009 e-Learning

Descriptions This lesson introduces you to 3D modeling. It starts with an explanation of the types of 3D models you can create and how you can change your viewing direction in 3D space to look at your designs from different directions. It then explains the commands you use to change your viewing direction, change the representation display of your models, and change the number of viewports and their display within the graphic window.

This e-Learning course includes the following lessons:

- Creating Solid Primitives
- Creating Models from 2D Profiles
- Creating Composite Solids
- Working in 3D
- Editing Solid Models
- Section a Solid Model and Generate 2D Geometry
- Creating Drawings from 3D Models

Each lesson can be accessed separately and each includes review, hands-on exercises and knowledge assessment tools.

Release Date May 30, 2008

Language English Only

Introduction to Programming in AutoCAD Video Tutorial

Description The following resource is a self-paced video tutorial demonstrating how to get started developing with AutoCAD .NET.
Level: beginner

Release Date June 27 2008

Language English Only



AutoCAD® Architecture 2009 – Product Downloads

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Autodesk Impression 2 Software Download

Description	<p>Impress your colleagues and clients with compelling presentation-ready graphics created directly from your DWG™ and DWF™ files. Autodesk® Impression software is easy to use, saves you time, and recognizes data from your CAD files.</p> <p>Benefits:</p> <ul style="list-style-type: none">▪ Generate Great-Looking Images—Fast. Presentation graphics are about winning business. Your images have to sell your projects. With Impression you can easily apply graphical styles to your CAD files using prebuilt styles or customized styles that you create—from pencil styles to watercolor fills.▪ CAD Compatible - Because Impression understands CAD data, the illustration process is much faster than with general-purpose graphics applications. Open any DWG or DWF file in Impression. Impression recognizes blocks, layers, hatches and other CAD-specific data.▪ Easy to Learn and Use - Impression is designed so that anyone in the office can learn the application in minutes and can get great results right away.▪ Quickly Create Multiple Design Iterations - Quickly update your presentation graphics when designs change or apply your signature style to all the drawings that you produce.▪ Integrate Into Existing Workflow - Impression fits easily into your existing workflow and is interoperable with many popular graphics applications.
Release Date	March 25, 2008
Language	English, German, Japanese

Autodesk Vault 2009 Software Download

Description	<p>For customers in the manufacturing, media, building and civil engineering industries Autodesk Vault securely stores all versions of design documents in a single location so users can easily find, reference, and reuse the right information. Autodesk Vault lets you coordinate working documents and synchronizes design-related efforts:</p> <p>Access & Version Control Permission-based secure check-in/check-out of design documents ensures that team members are always working on the correct version.</p> <p>Organize & Re-Use Design Data With fast, powerful search capabilities you can quickly find elements of design work for reference or re-use.</p> <p>Work-in-Progress Tracking Securely maintain a 'history of design' that safely stores all versions of the design evolution for reference and accountability.</p>
Release Date	March 25, 2008
Language	English, French, Italian, German, Spanish, Japanese, Korean, Traditional Chinese, Simplified Chinese, Brazilian Portuguese, Russian, Czech, Hungarian, Polish

Drawing Compare Extension

Description	<p>The Drawing Compare feature enhances collaboration by using color-coded displays to show items on a drawing that have been changed, added, or deleted by other members of the design team. Changes to items such as styles, fire ratings, or other non-graphical properties are also tracked. Combined with redlining features, such as revision clouds, the Drawing Compare features help make communication across the design team clearer than ever</p>
Release Date	March 25, 2008
Language	English, French, Italian, German, Spanish, Japanese, Korean, Traditional Chinese, Russian, Czech, Hungarian, Polish

ArchVision Rich Photorealistic Content (RPC)

Description	<p>AutoCAD® Architecture and AutoCAD® MEP subscription customers now have access to a library of Rich Photorealistic Content (RPC) from ArchVision. The library consists of over 100 high-quality images of trees, people, and vehicles, enabling AutoCAD Architecture and AutoCAD MEP users to transform renderings into effective, lifelike scenes. With this library of RPC images, AutoCAD Architecture and AutoCAD MEP users can add as many objects into scenes as needed to make them realistic, without sacrificing rendering performance.</p>
Release Date	April 16, 2008
Language	English Only



AutoCAD® Architecture 2009 – Product Downloads

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Migration Assistant: Import/Export 2009

Description	The Migration Assistant: Import/Export 2009 feature allows files and custom settings to be imported to and exported from an installation of the same release of AutoCAD® Architecture 2009 or AutoCAD® MEP 2009. This includes customization (CUI) files as well as profile (registry-stored) settings.
Release Date	May 30, 2008
Language	English, French, Italian, German, Spanish, Japanese, Korean, Russian, Czech, Traditional Chinese, Hungarian, Polish

UK Content Tools

Description	The UK Content Tools for AutoCAD® Architecture 2009 are an update to the tools available for AutoCAD® Architecture 2008. These tools are also compatible with AutoCAD® MEP 2009. They consist of additional utilities that simplify the process of creating your own styles for key objects such as walls, doors and windows, as well as a utility to export the styles saved in a drawing to a web page of i-drop content that can be dragged into other drawings.
Release Date	June 26, 2008
Language	English Only

Erweiterung für AutoCAD® Architecture

Description	Erweiterung für AutoCAD® Architecture software contains a set of modules that extend the product's capabilities for German architectural standards. Modules within the Extension include functionality in key areas such as costing, areas and quantities, refurbishment, roofing, visualization and collaboration. Available in Germany, Austria and Switzerland.
Release Date	Sept 30, 2008
Language	German Only

German Content Library for AutoCAD Architecture 2009

Description	The German Content Library for AutoCAD® Architecture 2009 software provides over 1,300 new AEC blocks and multi-view blocks specifically designed for customers in Central Europe. Once installed, the content is easily accessible within the Content Browser. Content categories include Children's Furniture, Playground Equipment, Animals, Humans, Trees, Vehicles, and DIN Symbols for Air Conditioning, Electrical Services, Fire Protection, Heating Installation, Sewage Disposals, and Water Supplies. Available in Austria, Germany, Liechtenstein, and Switzerland only.
Release Date	October 24, 2008
Language	German Only



AutoCAD® Architecture 2009 – Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Getting Started with AutoCAD Architecture 2009 e-Learning

Description	<p>This e-Learning lesson will walk you through all the features of AutoCAD Architecture 2009 – you'll be up and running in now time.</p> <p>This course contains the following lessons:</p> <ul style="list-style-type: none">• Using the Interface• Using AEC Modify Tools• Adding and Modifying Walls• Working With Doors, Windows, and Openings• Creating and Modifying Spaces• Creating Details <p>Each lesson can be accessed separately and each includes review, hands-on exercises and knowledge assessment tools.</p>
Release Date	April 11, 2008
Language	English Only

Creating Construction Drawings e-Learning

Description	<p>Learn to use annotations to make a drawing easier to understand. Annotations include text, symbols, dimensions, and keynotes that you can add to a drawing. Learn how to use schedule tags and tables to display information and how to use callouts to identify or call attention to particular parts of a drawing.</p> <p>This course contains the following lessons:</p> <ul style="list-style-type: none">• Annotating Drawings• Working with Schedule Tags and Tables• Using Callouts and Titlemarks• Working with Sections and Elevations• <p>Each lesson can be accessed separately and each includes review, hands-on exercises and knowledge assessment tools.</p>
Release Date	April 25, 2008
Language	English Only

Benefits of Using Projects e-Learning

Description	<p>Learn to create and manage a project and the drawing files in the project using project management tools, such as the Project Browser, Project Navigator, and Constructs and Elements. Learn to use view drawings to view and annotate different areas of a building model and plotting sheets to set up drawings for printing or electronic transfer to other members of your design team and clients.</p> <p>This course contains the following lessons:</p> <ul style="list-style-type: none">• Introduction to Projects• Using Constructs and Elements• Creating View Drawings• Creating and Managing Plotting Sheets• Creating a Project from Existing AutoCAD Drawings• Sharing Project Files <p>Each lesson can be accessed separately and each includes review, hands-on exercises and knowledge assessment tools.</p>
Release Date	April 25, 2008
Language	English Only



AutoCAD® Civil 2009 – Product Downloads

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Subassemblies for AutoCAD® Civil and Civil 3D® 2009

Description	<p>Subscription customers can now download supplementary subassembly content which provides added functionality for a variety of complex road design scenarios, such as Shoulder Widening, Trench Pipes, Daylight Rock Cut, Conditional Cut/Fill and more. Users of these subassemblies will benefit from their ease of use, enabling them to be more productive and agile while working on projects and responding to customer requests.</p> <p>Available in either Imperial or Metric, Subassemblies include:</p> <p>Conditional Cut Or Fill - This subassembly automatically applies various subassemblies, such as generic links, widening, ditching, or daylighting subassemblies to an assembly based on whether a cut or fill condition exists.</p> <p>Crowned Lane - This subassembly creates a crowned lane that has separate subbase slope control, as well as the ability to control the subbase crown location by specifying a target alignment.</p> <p>Daylight Rock Cut - This subassembly lets you select both an existing ground surface and a rock surface as targets.</p> <p>Shoulder Widening - This subassembly inserts a shoulder for widening situations that will trim the base and subbase layers based on the location of the existing ground surface.</p> <p>Trench Pipe 2 - This subassembly creates a flat-bottom trench with equal sideslopes, and up to three layers of backfill material. The width of the trench is determined by a user- specified width and minimum pipe cover.</p> <p>Trench Pipe 3 - This subassembly creates a flat-bottom trench with equal sideslopes and allows for two surface types and will use the slope specified for the surface it is below. Up to three layers of backfill material are available. The width of the trench is determined by a user-specified width and minimum pipe cover.</p>
Release Date	August 21, 2008
Language	English, French, Italian, German, Spanish, Japanese, Korean, Traditional Chinese, Simplified Chinese, Russian, Czech, Hungarian, Polish

Road Design Basics with AutoCAD Civil and Civil 3D 2009 – White Paper

Description	This paper outlines the core components that AutoCAD® Civil 2009 and AutoCAD® Civil® 3D 2009 use when modeling roads and highlights the fundamental building blocks required when piecing together assemblies and subassemblies. By understanding the subassemblies and their functions, you will be able to construct more effective corridor models more efficiently.
Release Date	December 11, 2008
Language	English Only

Road Rehabilitation and Reconstruction with AutoCAD Civil and Civil 3D 2009 – White Paper

Description	<p>Learn how AutoCAD® Civil 2009 and AutoCAD® Civil 3D® 2009 can be used for road rehabilitation and road reconstruction design. You'll learn how the Civil products leverage corridor targets to help produce more efficient and dynamic designs. Utilizing targets allows the corridor model to interact with other information in the model such as surfaces, alignments, profiles, and feature lines—creating a design that is able to merge into its surroundings and react dynamically when those surroundings change.</p>
Release Date	December 11, 2008
Language	English Only

Rule-Based Road Design using AutoCAD Civil and AutoCAD Civil 3D 2009 – White Paper

Description	Learn how AutoCAD® Civil 2009 and AutoCAD® Civil 3D® 2009 have the ability to analyze your road design as you work based on recognized industry standards or your own user-defined standards. As you build your design, the software will provide correction and/or notification whenever standards are not met. This capability helps provide many benefits including greater time savings, reduced rework due to fewer review comments, and more consistent quality designs.
Release Date	December 11, 2008
Language	English Only

Building Information Modeling and Sustainable Design for Civil Engineers – CE News Article

Description	Discover how BIM (Building Information Modeling) based design tools are helping civil engineers create 'greener' sites by reading a recently published article in <i>CE News</i> .
Release Date	December 11, 2008
Language	English Only



Autodesk, AutoCAD are registered trademarks or trademarks of Autodesk, Inc., in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

AUTODESK®
SUBSCRIPTION

AutoCAD® Civil 2009 – Product Downloads

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

What Does BIM Mean for Civil Engineers? – *CE News* Article

Description	Discover how civil engineers can use BIM (Building Information Modeling) to benefit road and highway projects by reading a recently published article in <i>CE News</i> .
Release Date	December 11, 2008
Language	English Only



Autodesk, AutoCAD are registered trademarks or trademarks of Autodesk, Inc., in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

© 2008 Autodesk, Inc. All rights reserved.

AutoCAD® Civil® 2009 – Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

AutoCAD Civil 2009 e-Learning

Description	<p>Importing Field Book Files In this lesson you import a survey field book file and begin the base plan creation and surface modeling process.</p> <p>Working with Survey Data In this lesson you check the survey database for errors and create survey points and figure objects.</p> <p>Importing and Creating Points This lesson describes how you import and create points.</p> <p>Managing Points This lesson describes how you manage points using description keys, point groups, and point tables.</p> <p>Creating Surfaces This lesson describes how you create surfaces from points, and how you use breaklines to add detail to surfaces to define the terrain breaks.</p> <p>Modifying Surfaces This lesson describes how you modify surfaces by editing the surface properties and surface TIN lines.</p> <p>Creating Parcels In This lesson describes parcels and how you create parcels using the Parcel Layout Tools or from objects.</p> <p>Editing Parcels This lesson describes how you make changes to parcel objects using the editing and renumbering commands.</p> <p>Labeling Parcel Segments and Creating Tables This lesson describes how you label parcel segments with geometry data or tags, and how you create tables that show parcel data.</p> <p>Creating Surface Profiles and Profile Views This lesson describes how you create surface profiles and profile views.</p> <p>Creating Layout Profiles This lesson describes how you create design layout profiles using commands on the Profile Layout Tools toolbar.</p> <p>Creating corridor Models This lesson describes the components of a corridor model, and how you use them to build a simple model of a residential subdivision road with a cul-de-sac.</p> <p>Drawing and Editing Pipe Networks This lesson describes how you draw pipe network parts in profile views and how you edit the pipe network.</p> <p>Designing Criteria-Based Alignments This In this lesson you create a criteria-based alignment and edit it using the layout tools.</p>
Release Date	November 11, 2008
Language	English



AutoCAD® Civil 3D® 2009 – Product Downloads

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Autodesk Impression 2 Software Download

Description	Impress your colleagues and clients with compelling presentation-ready graphics created directly from your DWG™ and DWF™ files. Autodesk® Impression software is easy to use, saves you time, and recognizes data from your CAD files. Benefits: <ul style="list-style-type: none">▪ Generate Great-Looking Images—Fast. Presentation graphics are about winning business. Your images have to sell your projects. With Impression you can easily apply graphical styles to your CAD files using prebuilt styles or customized styles that you create—from pencil styles to watercolor fills.▪ CAD Compatible - Because Impression understands CAD data, the illustration process is much faster than with general-purpose graphics applications. Open any DWG or DWF file in Impression. Impression recognizes blocks, layers, hatches and other CAD-specific data.▪ Easy to Learn and Use - Impression is designed so that anyone in the office can learn the application in minutes and can get great results right away.▪ Quickly Create Multiple Design Iterations - Quickly update your presentation graphics when designs change or apply your signature style to all the drawings that you produce.▪ Integrate Into Existing Workflow - Impression fits easily into your existing workflow and is interoperable with many popular graphics applications.
Release Date	March 25, 2008
Language	English, German, Japanese

GENIO Import Extension

Description	The GENIO Import Extension for AutoCAD® Civil 3D® 2009 provides the ability to select features from an ASCII GENIO file and import them into AutoCAD Civil 3D.
Release Date	April 30, 2008
Language	English Only

Land Desktop Companion

Description	Are you an AutoCAD® Civil 3D® user who also requires legacy support in an AutoCAD® Land Desktop–based environment? The AutoCAD® Civil 3D® 2009 Land Desktop Companion has been enhanced to include functionality from the legacy Land Desktop, Civil Design and Survey products. This includes support for survey analysis, grading, road modeling, pipes layout and drafting, hydrology, and hydraulics.
Release Date	June 26, 2008
Language	English Only

PISTE Import Extension for AutoCAD Civil 3D 2009

Description	The PISTE Import Extension for AutoCAD® Civil 3D® 2009 provides the ability to select features from an ASCII PISTE project file and import them into AutoCAD Civil 3D.
Release Date	July 24, 2008
Language	French Only

HEC RAS Import/Export Extension for AutoCAD® Civil 3D® 2009

Description	The HEC RAS Import/Export Extension for AutoCAD® Civil 3D® 2009 allows the user to export a .GEO file containing Civil 3D stream design information which can be imported into the HEC-RAS application for further flood analysis. Once the flood analysis is complete in HEC-RAS, the data can be imported back into Civil 3D 2009. Profile data representing the flood analysis in HEC-RAS is imported into the Civil 3D Model. Surface objects can be created from the data to assist in further drainage and flood control design in AutoCAD Civil 3D.
Release Date	August 21, 2008
Language	English Only

Stage Storage Extension for AutoCAD® Civil 3D® 2009

Description	The Stage Storage Extension for AutoCAD® Civil 3D® 2009 is used to calculate incremental and cumulative volumes of a basin from an AutoCAD Civil 3D Surface. Polygons that represent the basin contours or Civil 3D surface contours can be selected to calculate basin volume and area values. Volumes are calculated by average end area as well as conic approximation. Volume and area analysis tables may be saved as .AeccSTT files, inserted into the drawing as an AutoCAD tables or sent to a .txt report file.
Release Date	August 21, 2008
Language	English Only



Autodesk, AutoCAD and Civil 3D are registered trademarks or trademarks of Autodesk, Inc., in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

AutoCAD® Civil 3D® 2009 – Product Downloads

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Subassemblies for AutoCAD® Civil and Civil 3D® 2009

Description	<p>Subscription customers can now download supplementary subassembly content which provides added functionality for a variety of complex road design scenarios, such as Shoulder Widening, Trench Pipes, Daylight Rock Cut, Conditional Cut/Fill and more. Users of these subassemblies will benefit from their ease of use, enabling them to be more productive and agile while working on projects and responding to customer requests. Available in either Imperial or Metric, Subassemblies include:</p> <p>Conditional Cut Or Fill - This subassembly automatically applies various subassemblies, such as generic links, widening, ditching, or daylighting subassemblies to an assembly based on whether a cut or fill condition exists.</p> <p>Crowned Lane - This subassembly creates a crowned lane that has separate subbase slope control, as well as the ability to control the subbase crown location by specifying a target alignment.</p> <p>Daylight Rock Cut - This subassembly lets you select both an existing ground surface and a rock surface as targets.</p> <p>Shoulder Widening - This subassembly inserts a shoulder for widening situations that will trim the base and subbase layers based on the location of the existing ground surface.</p> <p>Trench Pipe 2 - This subassembly creates a flat-bottom trench with equal sideslopes, and up to three layers of backfill material. The width of the trench is determined by a user- specified width and minimum pipe cover.</p> <p>Trench Pipe 3 - This subassembly creates a flat-bottom trench with equal sideslopes and allows for two surface types and will use the slope specified for the surface it is below. Up to three layers of backfill material are available. The width of the trench is determined by a user-specified width and minimum pipe cover.</p>
Release Date	August 21, 2008
Language	English, French, Italian, German, Spanish, Japanese, Korean, Traditional Chinese, Simplified Chinese, Russian, Czech, Hungarian, Polish

Road Design Basics with AutoCAD Civil and Civil 3D 2009 – White Paper

Description	<p>This paper outlines the core components that AutoCAD® Civil 2009 and AutoCAD® Civil® 3D 2009 use when modeling roads and highlights the fundamental building blocks required when piecing together assemblies and subassemblies. By understanding the subassemblies and their functions, you will be able to construct more effective corridor models more efficiently.</p>
Release Date	December 11, 2008
Language	English Only

Road Rehabilitation and Reconstruction with AutoCAD Civil and Civil 3D 2009 – White Paper

Description	<p>Learn how AutoCAD® Civil 2009 and AutoCAD® Civil 3D® 2009 can be used for road rehabilitation and road reconstruction design. You'll learn how the Civil products leverage corridor targets to help produce more efficient and dynamic designs. Utilizing targets allows the corridor model to interact with other information in the model such as surfaces, alignments, profiles, and feature lines—creating a design that is able to merge into its surroundings and react dynamically when those surroundings change.</p>
Release Date	December 11, 2008
Language	English Only

Rule-Based Road Design using AutoCAD Civil and AutoCAD Civil 3D 2009 – White Paper

Description	<p>Learn how AutoCAD® Civil 2009 and AutoCAD® Civil 3D® 2009 have the ability to analyze your road design as you work based on recognized industry standards or your own user-defined standards. As you build your design, the software will provide correction and/or notification whenever standards are not met. This capability helps provide many benefits including greater time savings, reduced rework due to fewer review comments, and more consistent quality designs.</p>
Release Date	December 11, 2008
Language	English Only

Building Information Modeling and Sustainable Design for Civil Engineers – CE News Article

Description	<p>Discover how BIM (Building Information Modeling) based design tools are helping civil engineers create 'greener' sites by reading a recently published article in <i>CE News</i>.</p>
Release Date	December 11, 2008
Language	English Only



AutoCAD® Civil 3D® 2009 – Product Downloads

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

What Does BIM Mean for Civil Engineers? – CE News Article

Description	Discover how civil engineers can use BIM (Building Information Modeling) to benefit road and highway projects by reading a recently published article in <i>CE News</i> .
Release Date	December 11, 2008
Language	English Only

水渠、道路、场地设计AutoCAD Civil 3D 2009 中国本地化包

Description	<p>根据用户的反馈，水渠、道路、场地设计AutoCAD Civil 3D 2009 中国本地化包增加了许多重要的功能。本地化包新增的功能可以帮助土木工程师更加有效的进行优化设计，这些功能包括：</p> <ul style="list-style-type: none">• 根据部件的代码创建道路标签；• 使用新开发的水渠部件进行水渠设计；• 更加高效的处理电子地形图；• 创建平面分图并消隐道路模型下的原始地形；• 导入导出原始纵横断面数据；• 绘制两个曲面的交线；• 编制水渠设计标准横断面库；• 为水渠、道路、场地设计定制单独的工作空间；• 导入其它程序路线到AutoCAD Civil 3D中；• 更快的计算土方施工图； <p>生成符合中国用户要求的图形和报表；</p>
Release Date	November 19, 2008
Language	Simplified Chinese Only



AutoCAD® Civil 3D® 2008 – Product Downloads

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#)

Autodesk Impression 2 Software Download

Description	<p>Impress your colleagues and clients with compelling presentation-ready graphics created directly from your DWG™ and DWF™ files. Autodesk® Impression software is easy to use, saves you time, and recognizes data from your CAD files. Benefits:</p> <ul style="list-style-type: none">▪ Generate Great-Looking Images—Fast. Presentation graphics are about winning business. Your images have to sell your projects. With Impression you can easily apply graphical styles to your CAD files using prebuilt styles or customized styles that you create—from pencil styles to watercolor fills.▪ CAD Compatible - Because Impression understands CAD data, the illustration process is much faster than with general-purpose graphics applications. Open any DWG or DWF file in Impression. Impression recognizes blocks, layers, hatches and other CAD-specific data.▪ Easy to Learn and Use - Impression is designed so that anyone in the office can learn the application in minutes and can get great results right away.▪ Quickly Create Multiple Design Iterations - Quickly update your presentation graphics when designs change or apply your signature style to all the drawings that you produce.▪ Integrate Into Existing Workflow - Impression fits easily into your existing workflow and is interoperable with many popular graphics applications.
Release Date	March 25, 2008
Language	English, German, Japanese

Land Desktop Companion Software Download

Description	The AutoCAD® Civil 3D® 2008 Land Desktop Companion has been enhanced to include functionality from the legacy Land Desktop, Civil Design and Survey products. This includes support for survey analysis, grading, road modeling, pipes layout and drafting, hydrology, and hydraulics.
Release Date	March 25, 2008
Language	English Only

GENIO Import Extension

Description	The GENIO Import Extension for AutoCAD® Civil 3D® 2008 provides the ability to select features from an ASCII GENIO file and import them into AutoCAD Civil 3D.
Release Date	May 30, 2008
Language	English Only

PISTE Import Extension for AutoCAD Civil 3D 2008

Description	The PISTE Import Extension for AutoCAD® Civil 3D® 2008 provides the ability to select features from an ASCII PISTE project file and import them into AutoCAD Civil 3D. The extension is in French only. It installs and runs on French and English versions of AutoCAD Civil 3D.
Release Date	July 24, 2008
Language	French Only



AutoCAD® Civil 3D® 2009 - Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Working with Survey e-Learning

Description	<p>Creating Survey Databases This lesson describes how to create a local survey database, and modify the database settings.</p> <p>Creating Survey Networks This lesson describes survey networks and how to create them.</p> <p>Creating Figure Styles and Prefixes This lesson describes how you create survey figure styles and prefixes.</p> <p>Importing Field Book Files In this lesson you import a survey field book file and begin the base plan creation and surface modeling process.</p> <p>Working with Survey Data In this lesson you check the survey database for errors and create survey points and figure objects</p>
Release Date	April 30, 2008
Language	English Only

Points e-Learning

Description	<p>Importing and Creating Points This lesson describes how you import and create points. It describes points and how you can use them in different phases in an engineering project.</p> <p>Managing Points This lesson describes how you manage points using description keys, point groups, and point tables.</p>
Release Date	May 30, 2008
Language	English Only

Site Design – Parcels e-Learning

Description	<p>Creating Sites This lesson describes how you create a site that contains design objects, such as alignments, parcels, and grading groups.</p> <p>Create Right-of-Way Parcels This lesson describes how you create right-of-way (ROW) parcels.</p> <p>Creating Parcels This lesson describes parcels and how you create parcels using the Parcel Layout Tools or from objects.</p> <p>Editing Parcels This lesson described how you make changes to parcel objects using the editing and renumbering commands.</p> <p>Labeling Parcel Segments and Creating Tables This lesson describes how you label parcel segments with geometry data or tags, and how you create tables that show parcel data.</p>
Release Date	June 27 2008
Language	English Only



AutoCAD® Civil 3D® 2009 - Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Site Design – Profiles e-Learning

Description	Creating Surface Profiles and Profile Views This lesson describes how you create surface profiles and profile views.
	Creating Layout Profiles This lesson describes how you create design layout profiles using commands on the Profile Layout Tools toolbar.
	Editing Profile Geometry This lesson describes how to edit the vertical geometry of layout profiles.
	Labeling Profiles and Profile Views In this exercise, you add labels to profiles and profile views. You also modify label styles for both objects.
Release Date	June 27 2008
Language	English Only

Site Design – Grading and Quantities e-Learning

Description	Creating Feature Lines This lesson describes how you create and edit feature lines and use them for grading corridors.
	Creating Interim Grading Surfaces This lesson describes the process for creating an interim grading surface that is necessary for solving grading for a subdivision design.
	Creating Final Grading Surfaces and Calculating Volumes This lesson describes how you create grading objects and calculate volumes between two surfaces.
	Labeling Final Grading Surface This lesson describes how you label elevations, slopes, and grades on surfaces.
Release Date	June 27 2008
Language	English Only

Site Design – Alignments e-Learning

Description	Creating Alignments from Polylines This lesson describes how you create subdivision road alignments from polylines.
	Labeling Alignments and Creating Tables This lesson describes how you label horizontal alignments and create tables that show the alignment data.
Release Date	June 27 2008
Language	English Only

Site Design - Assemblies and Corridors e-Learning

Description	Creating Assemblies This lesson describes how you create assemblies and add subassemblies to the assembly.
	Creating Corridor Models This lesson describes the components of a corridor model, and how you use them to build a simple model of a residential subdivision road with a cul-de-sac.
	Creating Corridor Surfaces This lesson describes how you create corridor surfaces from corridor models.
Release Date	June 27 2008
Language	English Only



AutoCAD® Civil 3D® 2009 - Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Creating an Intersection: Peer Roads e-Learning

Description	Designing Peer Road Intersections This lesson provides a workflow and lists guidelines you can follow when designing an intersection for peer roads.
	Designing Intersection Curb Returns This lesson describes how to design intersection curb returns.
	Finalizing the Peer Road Intersection Model This lesson describes how you finalize the peer intersection model.
Release Date	June 27 2008
Language	English Only

An Introduction to Programming in Civil 3D Video Tutorial

Description	Extensive application development documentation for the ActiveX (COM Automation) API is built into the AutoCAD Civil 3D Help system. The Help System also contains information on C++ and .NET application development. The following resource is a self-paced video tutorial demonstrating how to get started programming with Civil 3D.
	Level: beginner Prerequisite: Familiarity with AutoCAD Civil 3D and general programming concepts.
Release Date	June 27 2008
Language	English Only

Data Management e-Learning

Description	Plan Production This lesson describes how to automate the generation of plan and profile design and construction sheets using the plan production tools.
	Working with Data Shortcuts and Reference Objects This lesson describes how you use data shortcuts and reference objects to share drawing object data.
	Working with Autodesk Vault This lesson describes you use Autodesk Vault to share drawing and object data amongst project team members.
Release Date	July 24, 2008
Language	English Only

Site Design – Pipes e-Learning

Description	Creating Pipe Networks This lesson describes pipe networks and how you add pipes and structures to a pipe network in plan view.
	Drawing and Editing Pipe Networks This lesson describes you draw pipe network parts in profile views and how you edit the pipe network.
	Labeling Pipes This lesson describes you label pipe networks in plan and profile view.
Release Date	July 24, 2008
Language	English Only

Transportation – Alignments e-Learning

Description	Designing Criteria-Based Alignments This lesson describes how you create a criteria-based alignment and edit it using the layout tools.
	Applying Superelevation This lesson describes how you apply superelevation to alignments.
Release Date	July 24, 2008
Language	English Only



AutoCAD® Civil 3D® 2009 - Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Transportation - Assemblies and Corridors e-Learning

Description	<p>Creating and Modifying Transportation Assemblies This lesson describes how you create and modify the properties of assemblies that define transportation corridors such as arterials and freeways.</p> <p>Creating Transportation Corridors This lesson describes how you create a corridor model for an arterial transportation facility.</p> <p>Creating Transportation Corridor Surfaces This lesson describes you create transportation corridor surfaces.</p> <p>Modeling Road Designs in 3D This lesson describes you create a model that combines an existing surface and a corridor model. It also describes how you view and render a model with photorealistic materials in 3D.</p>
Release Date	July 24, 2008
Language	English Only

Exploring the AutoCAD Civil 3D Environment e-Learning

Description	<p>This course describes the AutoCAD Civil 3D environment. In order to understand how to effectively work with Civil 3D, you must understand the elements that make up not only the user interface, but also the fundamental methodology behind how the program works. This course is comprised of the following lessons, which include hands-on exercises and knowledge assessment tools:</p> <ul style="list-style-type: none">• Working with Workspaces• Examining Toolspace• Creating Objects, Object Styles, and Label Styles• Creating Drawing Templates• Creating Reports
Release Date	August 22, 2008
Language	English Only

Transportation – Working with Sections and Quantities e-Learning

Description	<p>In this course, you create design sections and calculate quantities for corridor models. This course is comprised of the following lessons, which include hands-on exercises and knowledge assessment tools:</p> <ul style="list-style-type: none">• Creating Sample Lines• Calculating Corridor Quantities• Creating Quantity Reports• Creating Section Views
Release Date	August 22, 2008
Language	English Only



AutoCAD® Civil 3D® 2009 - Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Interchange Design e-Learning

Description	<p>Creating Existing Ground Surfaces This lesson outlines a workflow for creating an existing ground (EG) surface based on existing site conditions.</p> <p>Generating EG Surfaces Based on Contours In this lesson, you generate an EG surface based on contours.</p> <p>Generating EG Surfaces from a LandXML File In this lesson, you create an existing ground surface by importing data from an external LandXML file.</p> <p>Evaluating the Existing Surface Model In this lesson, you evaluate the 3D model of an existing surface.</p> <p>Designing Interchanges This lesson describes interchanges and provides a workflow for interchange design.</p> <p>Creating Geometry-Based Alignments In this lesson, you create the horizontal components of ramps using two different design methods: using polylines and converting them into alignment objects, and creating an alignment object.</p> <p>Applying Design Criteria and Superelevation In this lesson, you apply design criteria and superelevation to the horizontal component of an alignment.</p> <p>Creating Surface Profiles In this lesson, you cut profiles along the proposed alignment through the existing surface model.</p> <p>Creating Layout Profiles In this lesson, you create the proposed vertical geometry component for the alignments of Ramps EN and NE.</p> <p>Creating Assemblies In this lesson, you create assemblies that represent the typical cross section of a roadway.</p> <p>Modeling Interchanges This lesson outlines the workflow for modeling interchanges</p> <p>Creating Corridor Models In this lesson, you create the corridor models that represent the inner and outer ramps of the proposed interchange.</p> <p>Generating Construction Information In this lesson, you generate meaningful construction information based on corridor models.</p>
Release Date	December 11, 2008
Language	English Only



AutoCAD® Electrical 2009 - Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#)

Terminals and Wiring e-Learning – JIC or IEC

Description	<p>Point-to-Point Wiring</p> <p>This lesson describes the point-to-point style of schematic design and the specific tools required to create this style of drawing.</p> <p>Terminals, Multiple Level Terminals, and Jumpers</p> <p>In this lesson you will learn how to insert terminals and convert individual terminals into multiple level terminals. You also learn how to create jumper assignments, linking terminals together into a single wire network.</p> <p>Using the Terminal Strip Editor</p> <p>This lesson describes how to use the Terminal Strip Editor to manage the terminal data in your project drawings, converting schematic-based information to footprints on your panel drawings.</p>
Release Date	May 30, 2008
Language	English

Custom Components and Data e-Learning – JIC or IEC

Description	<p>Schematic Symbols</p> <p>This lesson describes how to use schematic, or component, symbols. AutoCAD Electrical component symbols are standard AutoCAD blocks and attributes in the standard AutoCAD DWG file format. The intelligence and automation functions are based on block and attribute naming conventions.</p> <p>Editing the Pin List Database</p> <p>This lesson describes how to use pin lists and edit the pin list database. You use pin list data to annotate any component that has wire connection pins.</p> <p>Editing the Terminal Properties Database</p> <p>This lesson describes how to use terminal properties and edit the terminal properties database. You use terminal properties data to set the properties of a terminal based on the catalog number.</p> <p>Updating Title Block Attributes</p> <p>This lesson describes how to map project information to attributes in your title block.</p>
Release Date	May 30, 2008
Language	English

Settings and Configuration e-Learning – JIC or IEC

Description	<p>Creating Drawing Templates</p> <p>This lesson describes how to create drawing templates. By creating drawing templates, you save time with every new drawing that you create. When you use a drawing template, the settings in the drawing template are carried over to each new drawing that you create.</p> <p>Installation and Search Paths</p> <p>This lesson describes how to install AutoCAD Electrical and includes recommended locations of reference files. To install the software to match your company requirements, you need to know how to complete these tasks and where to save the files.</p>
Release Date	May 30, 2008
Language	English

Advanced Tools e-Learning – JIC or IEC

Description	<p>Managing Cables</p> <p>This lesson describes how to use the Cable Marker and the Fan In/Out Signal utilities. You use cable markers and the Fan In/Out utility together to manage cables, cable conductors, and the conductor connections.</p> <p>Using the Circuit Builder</p> <p>This lesson describes how to use the Circuit Builder to insert circuits into your drawings using a "configurator" type of environment.</p>
Release Date	May 30, 2008
Language	English



AutoCAD® Map 3D 2009 – Product Downloads

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Autodesk Impression 2 Software Download

Description	<p>Impress your colleagues and clients with compelling presentation-ready graphics created directly from your DWG™ and DWF™ files. Autodesk® Impression software is easy to use, saves you time, and recognizes data from your CAD files. Benefits include:</p> <ul style="list-style-type: none">▪ Generate Great-Looking Images—Fast. Presentation graphics are about winning business. Your images have to sell your projects. With Impression you can easily apply graphical styles to your CAD files using prebuilt styles or customized styles that you create—from pencil styles to watercolor fills.▪ CAD Compatible - Because Impression understands CAD data, the illustration process is much faster than with general-purpose graphics applications. Open any DWG or DWF file in Impression. Impression recognizes blocks, layers, hatches and other CAD-specific data.▪ Easy to Learn and Use - Impression is designed so that anyone in the office can learn the application in minutes and can get great results right away.▪ Quickly Create Multiple Design Iterations - Quickly update your presentation graphics when designs change or apply your signature style to all the drawings that you produce.▪ Integrate Into Existing Workflow - Impression fits easily into your existing workflow and is interoperable with many popular graphics applications.
Release Date	March 25, 2008
Language	English, German, Japanese

Surveying Tools

Description	<p>The Surveying Tools Extension for AutoCAD® Map 3D provides users of AutoCAD Map 3D 2009 surface creation, improved point data support and additional COGO functionality. By leveraging the Surveying Tools, users can easily integrate data collected by surveying, scanning and GPS instruments and devices to</p> <ul style="list-style-type: none">• Create and visualize 3D terrain models that are useful during planning and site assessment phases of a project• Accurately update drawings, maps and databases to reflect the as-found locations in the field• Draft accurate boundary information and perform cadastral data updates with improved COGO tools
Release Date	June 27 2008
Language	English, Korean, Japanese

Industry Toolkits for Water, Wastewater and Electric Utilities

Description	<p>The AutoCAD® Map 3D Industry Toolkits provide users of AutoCAD Map 3D 2009 industry specific data models and supporting AutoCAD Map 3D templates and documentation for water, wastewater and electric utilities. By leveraging the Industry Toolkits, utilities can</p> <ul style="list-style-type: none">• Improve drafting productivity of facilities for new and experienced staff.• Define and apply data standardization and intelligence (for example attribute information that specifies facility information such as manufacturer, part number and material) into the drafting process.• Easily integrate data coming from external contractors and other departments to match established standards.• Easily prepare CAD data for Geographic Information Systems (GIS) or mapping systems.• Allow design data to be more effectively understood and used throughout the organization.
Release Date	June 27 2008
Language	English, French, Italian, German, Spanish, UK English

FDO Provider for GE Smallworld

Description	<p>Utility professionals see the “big picture”, improve efficiency and data quality, and reduce operational costs.</p> <p>Leveraging the proven FDO technology, Autodesk now offers GE Smallworld Utility customers an FDO Provider for GE Smallworld’s Version Managed Datastore (VMDS). Built in collaboration with Spatial Business Systems (SBS), www.spatialbiz.com, the new FDO Provider provides read only access to Smallworld data, allowing display, query and analysis in the 2009 versions of Autodesk products such as AutoCAD® Map 3D, Autodesk MapGuide® Enterprise, Autodesk® Utility Design and Autodesk® Topobase™.software</p>
Release Date	August 22, 2008
Language	English Only



AUTODESK®
SUBSCRIPTION

AutoCAD® Map 3D 2009 – Product Downloads

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

FDO Provider for Microsoft SQL Server 2008

Description	<p>The open source FDO Provider for Microsoft® SQL Server™ 2008, developed by Autodesk and contributed to the Open Source Geospatial Foundation (OSGeo) allows customers to take advantage of Microsoft SQL Server 2008's native support for spatial data. The new open source FDO Provider for SQL Server 2008 provides direct access (read and write) to spatial data within the SQL Server 2008 database for Autodesk products including AutoCAD® Map 3D, Autodesk MapGuide® Enterprise, Autodesk® Utility Design and Autodesk® Topobase™ software</p> <p>Please note: The documentation for this download (SQLServer2008.chm) will be installed into the default install directory C:\Autodesk\SqlServerSpatial2008.</p>
Release Date	August 22, 2008
Language	English Only



Autodesk and AutoCAD are registered trademarks or trademarks of Autodesk, Inc., in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

© 2008 Autodesk, Inc. All rights reserved.

AutoCAD® Map 3D 2009 - Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Working with Source Drawings e-Learning

Description	Attaching Source Drawings Learn how to attach source drawings, after establishing a drive alias, to create a multiple-drawing environment.
	Working with Coordinate Systems In this lesson, you learn to apply and modify coordinate systems in Autodesk Map 3D.
Release Date	April 25, 2008
Language	English Only

Using Source Drawing Queries e-Learning

Description	Define Property and Location Queries Perform simple location and property condition queries and learn how to display the results of a query.
	Defining Data Queries This lesson covers data queries from source drawings and how to perform an object data and SQL query.
	Compound Queries Learn how to combine multiple filtering parameters into a single query to return more specific results.
	Altering Properties During Queries In this lesson, you modify the properties of attached objects as they are queried into your drawing.
	Using the Query Library In this lesson, you save and manage queries.
	Save Back to Queried Drawings In this lesson you learn how to save back objects to the source drawing.
Release Date	April 25, 2008
Language	English Only

Linking and Managing Drawing-Based Attribute Data eLearning

Description	Creating and Attaching Object Data This lesson covers creating object data tables and attaching object data to objects in a drawing.
	Editing and Managing Object Data This lesson covers the concepts, principles, and procedures for editing object data.
	Connecting to a Database In this lesson, you will learn how to connect external database files to a drawing using a simple drag-and-drop method.
	Defining a Link Template and Linking Records to Objects This lesson starts with a drawing that contains parcels that correspond to records in a database. You create a link template based on the key column in the database and automatically generate links between the records in the database and the parcels in the drawing.
	Using Database Information in a Drawing This lesson covers how to use criteria in the database to select objects in a drawing, and how to select records in the database, based on objects in a drawing.
Release Date	June 27 2008
Language	English Only



AutoCAD® Map 3D 2009 - Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Working with Geospatial Features e-Learning

Description	Connecting to a Feature Source This lesson explains the use and definition of a feature source in Map 3D. Working with Point Data This lesson describes point data and how to use it. Stylizing Features This lesson explains how to stylize features. Editing Feature Attributes and Geometry This lesson covers the process of editing features displayed in the drawing area and saving them back to the original feature sources. Working with DEM Files In this lesson, DEM files are described and their uses are explored.
Release Date	June 27 2008
Language	English Only

Merging Parcels Skill Builder

Description	The Merging Parcels skill builder walks you through the process of merging parcels and their associated data. You will gain experience with joined data tables and the new split/merge functionality (including split/merge rules).
Release Date	July 24, 2008
Language	English Only

Working with Raster Images Online Tutorial Help Files

Description	This tutorial teaches you how to use non-FDO raster images in AutoCAD® Map 3D to enhance visualization. The lessons in this tutorial take you through the process of inserting and modifying a raster image. You will use real data from the city of Redding, California. Note: You must put the <i>map3d_tutorial_raster.chm</i> in your <i>AutoCAD Map3D 2009\Help</i> folder before starting the tutorial.
Release Date	July 24, 2008
Language	English Only

Create, Execute, and Save Complex Drawing Queries Online Tutorial Help Files

Description	This tutorial introduces concepts and techniques necessary for working with queried data. It introduces concepts and techniques necessary for working with queried data. You learn to perform simple and complex queries using conditions, and to display the results of a query in different ways. Note: You must put the <i>map3d_tutorial_queries.chm</i> in your <i>AutoCAD Map3D 2009\Help</i> folder before starting the tutorial.
Release Date	July 24, 2008
Language	English Only

Cleanup and Publish a Map Online Tutorial Help Files

Description	AutoCAD Map 3D provides several tools to help you clean up and edit your maps so that they are accurate and suitable for topology, mapping, or plotting. This tutorial takes you through the common workflow of cleaning up a map and publishing it to a DWF file, which you can display on a website or share with others. Note: You must put the <i>map3d_tutorial_cleanup.chm</i> in your <i>AutoCAD Map3D 2009\Help</i> folder before starting the tutorial.
Release Date	July 24, 2008
Language	English Only



AUTODESK®
SUBSCRIPTION

AutoCAD® Mechanical 2009 – Product Downloads

At this time, there are no product downloads for AutoCAD Mechanical



Autodesk and AutoCAD are registered trademarks or trademarks of Autodesk, Inc., in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

© 2008 Autodesk, Inc. All rights reserved.

AutoCAD® Mechanical 2009 – Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Moving from AutoCAD to AutoCAD Mechanical e-Learning

Description	<p>Standard Parts - This lesson describes industry standard parts and how you insert them into your assembly designs.</p> <p>Core Design Tools - This lesson describes the core mechanical design tools of rectangle, hatch, fillet, chamfer, and contour finder and how to use them to create and modify geometry in your design.</p> <p>Creating Dimensions - This lesson describes the power dimensioning and automatic dimensioning tools that you can use to add dimensions to your drawings.</p> <p>Model Space Views in Layouts - This lesson describes the creation of layout views of model space geometry.</p> <p>Standards-Based Design - This lesson describes what standards mean in AutoCAD Mechanical, how to create a custom standard, and how to have the standards that are saved in a template file import into drawing files as you open them.</p>
Release Date	April 11, 2008
Language	English Only

AutoCAD Mechanical Basics e-Learning

Description	<p>Layer Groups This lesson describes the creation and use of layer groups. You learn to assign associated or related items in a drawing to a particular layer group and control the visibility of the entire layer group.</p> <p>Bill of Materials This lesson describes the creation and editing of a bill of materials (BOM) in an assembly drawing.</p> <p>Associative Hide This lesson describes the creation and editing of associative hide situations for structured and non-structured drawing geometry.</p> <p>Shaft Generator This lesson describes how to use the Shaft Generator to create rotationally symmetric or cylindrical parts that make up shafts, axles, and other round parts.</p> <p>Inventor Link This lesson describes Inventor Link and the use of Inventor Link to create drawing views in an AutoCAD Mechanical drawing file.</p>
Release Date	May 30, 2008
Language	English Only



AutoCAD® MEP 2009 - Product Downloads

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Autodesk Impression 2 Software Download

Description	Impress your colleagues and clients with compelling presentation-ready graphics created directly from your DWG™ and DWF™ files. Autodesk® Impression software is easy to use, saves you time, and recognizes data from your CAD files.
	Benefits: <ul style="list-style-type: none">▪ Generate Great-Looking Images—Fast. Presentation graphics are about winning business. Your images have to sell your projects. With Impression you can easily apply graphical styles to your CAD files using prebuilt styles or customized styles that you create—from pencil styles to watercolor fills.▪ CAD Compatible - Because Impression understands CAD data, the illustration process is much faster than with general-purpose graphics applications. Open any DWG or DWF file in Impression. Impression recognizes blocks, layers, hatches and other CAD-specific data.▪ Easy to Learn and Use - Impression is designed so that anyone in the office can learn the application in minutes and can get great results right away.▪ Quickly Create Multiple Design Iterations - Quickly update your presentation graphics when designs change or apply your signature style to all the drawings that you produce.▪ Integrate Into Existing Workflow - Impression fits easily into your existing workflow and is interoperable with many popular graphics applications.
Demo	www.autodesk.com/impression
Release Date	March 25, 2008
Language	English, German, Japanese

Autodesk Vault 2009 Software Download

Description	For customers in the manufacturing, media, building and civil engineering industries Autodesk Vault securely stores all versions of design documents in a single location so users can easily find, reference, and reuse the right information. Autodesk Vault lets you coordinate working documents and synchronizes design-related efforts. Benefits include: Access & Version Control Permission-based secure check-in/check-out of design documents ensures that team members are always working on the correct version. Organize & Re-Use Design Data With fast, powerful search capabilities you can quickly find elements of design work for reference or re-use. Work-in-Progress Tracking Securely maintain a 'history of design' that safely stores all versions of the design evolution for reference and accountability.
Learn More	www.autodesk.com/vault
Release Date	March 25, 2008
Language	English, French, Italian, German, Spanish, Japanese, Korean, Traditional Chinese, Simplified Chinese, Brazilian Portuguese, Russian, Czech, Hungarian, Polish

DIALux Plug-in

Description	This plug-in provides Electrical engineers and designers with a tool for importing lighting configurations made using DIALux; one of Europe's leading lighting design, calculation and analysis tools. This plug-in exports spatial geometry for model production in DIALux and imports lighting fixture layouts, assigning manufacturer specific information, via exchange file. This facilitates the design and layout of lighting configurations for AutoCAD® MEP 2009 subscription users.
Release Date	April 16, 2008
Language	English Only

Drawing Compare Extension

Description	The Drawing Compare feature enhances collaboration by using color-coded displays to show items on a drawing that have been changed, added, or deleted by other members of the design team. Changes to items such as styles, fire ratings, or other non-graphical properties are also tracked. Combined with redlining features, such as revision clouds, the Drawing Compare features help make communication across the design team clearer than ever.
Release Date	March 25, 2008
Language	English, Japanese, German, French, Italian, Korean, Spanish, Russian, Czech, Traditional Chinese, Hungarian, Polish



Autodesk and AutoCAD are registered trademarks or trademarks of Autodesk, Inc., in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

© 2008 Autodesk, Inc. All rights reserved.

AutoCAD® MEP 2009 - Product Downloads

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

ArchVision Rich Photorealistic Content (RPC)

Description	AutoCAD® Architecture and AutoCAD® MEP subscription customers now have access to a library of Rich Photorealistic Content (RPC) from ArchVision. The library consists of over 100 high-quality images of trees, people, and vehicles, enabling AutoCAD Architecture and AutoCAD MEP users to transform renderings into effective, lifelike scenes. With this library of RPC images, AutoCAD Architecture and AutoCAD MEP users can add as many objects into scenes as needed to make them realistic, without sacrificing rendering performance.
Release Date	April 16, 2008
Language	English Only

Migration Assistant: Import/Export 2009

Description	The Migration Assistant: Import/Export 2009 feature allows files and custom settings to be imported to and exported from an installation of the same release of AutoCAD® Architecture 2009 or AutoCAD® MEP 2009. This includes customization (CU) files as well as profile (registry-stored) settings.
Release Date	May 30, 2008
Language	English, French, Italian, German, Spanish, Japanese, Korean, Russian, Czech, Traditional Chinese, Hungarian, Polish

HVAC Load Calculation Extension

Description	<p>The Heating, Ventilation and Air Conditioning (HVAC) Load Calculation Extension is a commercial and industrial load calculation software package based upon the latest ASHRAE calculation methods. Downloading this extension will provide users with total cooling and heating loads for a building allowing them to properly specify the correct size HVAC equipment.</p> <p>This program is geared specifically toward the HVAC engineer, architect, design/build mechanical contractor, and building maintenance supervisor.</p>
Release Date	June 26 2008
Language	English Only

UK Content Tools

Description	The UK Content Tools for AutoCAD® Architecture 2009 are an update to the tools available for AutoCAD® Architecture 2008. These tools are also compatible with AutoCAD® MEP 2009. They consist of additional utilities that simplify the process of creating your own styles for key objects such as walls, doors and windows, as well as a utility to export the styles saved in a drawing to a web page of i-drop content that can be dragged into other drawings.
Release Date	June 26, 2008
Language	English Only

AutoCAD MEP 2009 - MEP DACH 2009

Description	AutoCAD® MEP DACH (formerly RoCAD), is provided for existing users wishing to move to the 2009 release. In addition, this release provides migration tools to ease users in moving to AutoCAD MEP 2009.
Release Date	July 24, 2008
Language	German Only

US Content Extension for AutoCAD MEP 2009

Description	The US Content Extension for AutoCAD® MEP 2009 software provides new pipe and MvParts catalogs for water and wastewater design. By downloading this extension, MEP professionals will have access to components and parts specific to the water and wastewater design projects, including, large diameter pipe fittings, numerous valves, aerators, centrifuges, classifiers, conveyors, blowers, screens, gates, pumps as well as other equipment for water and wastewater design projects in AutoCAD MEP 2009.
Release Date	October 9, 2008
Language	English Only

European Common Content Extension for AutoCAD MEP 2009

Description	The European Common Content Extension for AutoCAD® MEP 2009 provides MEP professionals with access to new metric parts and components, including cable tray fittings, DIN standard duct fittings and numerous MvParts for system design.
Release Date	October 21, 2008
Language	English Only



Autodesk and AutoCAD are registered trademarks or trademarks of Autodesk, Inc., in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

© 2008 Autodesk, Inc. All rights reserved.

AUTODESK®
SUBSCRIPTION

AutoCAD® MEP 2009 - Product Downloads

Russian Content Extension for AutoCAD MEP 2009

Description	The Russian Content Extension for AutoCAD® MEP 2009 provides a new pipe catalog enabling MEP professionals to access steel and plastic pipes and pipe fittings based on GOST standards.
Release Date	October 23, 2008
Language	Russian Only



Autodesk and AutoCAD are registered trademarks or trademarks of Autodesk, Inc., in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

© 2008 Autodesk, Inc. All rights reserved.

AutoCAD® MEP 2009 - Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Electrical Essentials e-Learning

Description	Loading Base Drawings for a Project This lesson teaches you to customize your workspace to streamline the Electrical design process, load base drawings into a project, and create views of your evolving design.
	Placing Electrical Equipment and Devices This lesson describes how to place electrical equipment in the model.
	Adding Cable Trays, Conduit, Fittings, and Risers This lesson describes how to add cable trays, conduit, fittings, and risers in a model.
Release Date	December 11, 2008
Language	English Only

Plumbing Essentials e-Learning

Description	Loading Base Drawings for a Project This lesson teaches you to customize your workspace to streamline the Plumbing design process, load base drawings into a project, and create views of your evolving design.
	Placing Plumbing Equipment This lesson describes how to place plumbing fixtures and equipment in the model.
	Adding Plumbing Lines, Valves, and Fittings This lesson describes how to add plumbing lines, valves, and fittings in a model.
Release Date	December 11, 2008
Language	English Only

Piping Essentials e-Learning

Description	Loading Base Drawings for a Project This lesson teaches you to customize your workspace to streamline the Piping design process, load base drawings into a project, and create views of your evolving design.
	Placing Piping Equipment This lesson describes how to place piping equipment in the model.
	Adding Pipes, Accessories, Fittings, and Risers This lesson describes how to add pipes, accessories, fittings, and risers in a model.
Release Date	December 11, 2008
Language	English Only

HVAC Essentials e-Learning

Descriptions	Loading Base Drawings for a Project This lesson teaches you to customize your workspace to streamline the HVAC design process, load base drawings into a project, and create views of your evolving design.
	Placing HVAC Equipment This lesson describes how to place heating, ventilation, and air-conditioning (HVAC) equipment in the model.
	Adding Duct, Fittings, and Risers This lesson describes how to add duct, fittings, and risers in a model.
Release Date	December 11, 2008
Language	English Only



AUTODESK®
SUBSCRIPTION

AutoCAD® P&ID 2009 - Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Introduction to AutoCAD Process and Power e-Learning

Description	<p>Introduction to AutoCAD P&ID In this lesson you will learn about the AutoCAD P&ID Drawing Environment.</p> <p>Project Manager In this lesson you learn about organizing a project in AutoCAD P&ID.</p> <p>Starting a Project This lesson describes how to start a new P&ID project using different templates</p> <p>Equipment In this lesson you will learn about equipment in the AutoCAD P&ID drawing environment. You can add, modify, and annotate equipment</p> <p>Schematic Lines In this lesson you will learn about schematic lines in the AutoCAD P&ID drawing environment. You can add, modify, annotate, and assign data to P&ID schematic lines. You use schematic lines to represent interconnecting piping between components</p> <p>Inline Components In this lesson you will learn about inline components in the AutoCAD P&ID drawing environment. You can add, modify, annotate, and assign data to P&ID Inline components. You use inline components to represent valves and pipe fittings in a P&ID drawing.</p> <p>Instrumentation In this lesson you will learn about instrumentation in the AutoCAD P&ID drawing environment. You can add, modify, annotate, and assign data to P&ID instrumentation. You use instrumentation symbols to illustrate how the process system functions.</p> <p>Annotation In this lesson you will learn about annotation in the AutoCAD P&ID drawing environment</p> <p>Data Manager In this lesson you will learn about the Data Manager in AutoCAD P&ID. Projects can range from simple, requiring only a single P&ID, to complex, consisting of multiple phases and drawings.</p>
Release Date	June 27 2008
Language	English only



Autodesk is a registered trademarks or trademarks of Autodesk, Inc., in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

© 2008 Autodesk, Inc. All rights reserved.

AutoCAD® Revit® Architecture Suite 2009 – Product Downloads

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Autodesk Impression 2 Software Download

Description	<p>Impress your colleagues and clients with compelling presentation-ready graphics created directly from your DWG™ and DWF™ files. Autodesk® Impression software is easy to use, saves you time, and recognizes data from your CAD files.</p> <p>Benefits:</p> <ul style="list-style-type: none">▪ Generate Great-Looking Images—Fast. Presentation graphics are about winning business. Your images have to sell your projects. With Impression you can easily apply graphical styles to your CAD files using prebuilt styles or customized styles that you create—from pencil styles to watercolor fills.▪ CAD Compatible - Because Impression understands CAD data, the illustration process is much faster than with general-purpose graphics applications. Open any DWG or DWF file in Impression. Impression recognizes blocks, layers, hatches and other CAD-specific data.▪ Easy to Learn and Use - Impression is designed so that anyone in the office can learn the application in minutes and can get great results right away.▪ Quickly Create Multiple Design Iterations - Quickly update your presentation graphics when designs change or apply your signature style to all the drawings that you produce.▪ Integrate Into Existing Workflow - Impression fits easily into your existing workflow and is interoperable with many popular graphics applications.
Learn More	www.autodesk.com/impression
Release Date	March 25, 2008
Language	English, German, Japanese

Globe Link for Revit® 2009

Description	<p>Globe Link for Revit 2009 platform products helps users streamline preliminary project planning processes by allowing them to present to clients conceptual designs in context with information about the project site.</p> <p>With Globe Link, users can publish 3D building information models directly from Revit® Architecture 2009, Revit® Structure 2009, and Revit® MEP 2009 software into Google Earth™ mapping service. Users can also acquire site information from Google Earth mapping service and import it into Revit 2009 software applications for building and site layout purposes. Globe Link is optimized for Google Earth version 4 mapping service.</p> <p>Globe Link is now compatible with the 32-bit and 64-bit versions of Revit Architecture 2009, Revit Structure 2009, and Revit MEP 2009 software.</p>
Release Date	April 30 and September 29, 2008
Language	English Only

Batch Print Utility Revit® 2009

Description	<p>Batch Print provides an easy way to print a large number of drawings (views and sheets) from a Revit® Architecture 2009, Revit® Structure 2009, or Revit® MEP 2009 software project.</p> <p>After preparing the default printer and the Revit software project, use Batch Print to send any number of drawings to the printer and to control the order in which they print. When you start the print job, Batch Print manages the printing of the drawings, requiring no further interaction from you. If desired, you can monitor the progress of the print job using a status dialog.</p> <p>Batch Print is now compatible with the 32-bit and 64-bit versions of Revit Architecture 2009, Revit Structure 2009, and Revit MEP 2009 software.</p>
Release Date	April 30 and September 29, 2008
Language	English, French, Italian, German, Spanish, Japanese, Korean, Traditional Chinese, Simplified Chinese, Brazilian Portuguese, Russian, Czech, Hungarian, Polish



Autodesk, AutoCAD and Revit are registered trademarks or trademarks of Autodesk, Inc., in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

AutoCAD® Revit® Architecture Suite 2009 – Product Downloads

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Worksharing Monitor for Revit 2009

Description	<p>Worksharing Monitor facilitates the use of Revit® Architecture 2009, Revit® Structure 2009, or Revit® MEP 2009 software in a worksharing environment, in which multiple people work on one project. For worksharred projects, Worksharing Monitor answers questions such as:</p> <ul style="list-style-type: none">• Who is currently working on this project?• Is my local copy of the project up-to-date?• When will my Save to Central operation finish?• Has my request to borrow elements been granted?• Are any issues interfering with my work on a Revit software project? <p>Note: Worksharing Monitor is not useful for standalone Revit software projects, which do not use worksharing to divide the work for a project among several people.</p> <p>Worksharing Monitor is now compatible with the 32-bit and 64-bit versions of Revit Architecture 2009, Revit Structure 2009, and Revit MEP 2009 software.</p>
Release Date	April 30 and September 29, 2008
Language	English, French, Italian, German, Spanish, Japanese, Korean, Traditional Chinese, Simplified Chinese, Brazilian Portuguese, Russian, Czech, Hungarian, Polish

Revit Extensions for Revit Architecture 2009

Description	<p>Revit® Extensions are a series of easy-to-use applications that extend the capabilities of Revit® Architecture 2009 software in key areas, including modeling, coordination, and documentation. Specifically, the extensions provided in this executable file are: Grid Generator, Freeze Drawings, Compare Models, Text Generator, Elements Positioning, and Microsoft Excel®-based Model Generation.</p> <p>The file installs the Revit Extensions for Revit Architecture 2009. It also includes the Extensions Engine, a platform that hosts each Extension within Revit Architecture 2009.</p> <p>Please note that the multi-language executable file contains content in English, French, Italian, German, Simplified Chinese, and Polish. Revit Extensions for Revit Architecture 2009 are now compatible with the 32-bit and 64-bit versions of Revit Architecture 2009 software.</p>
Release Date	July 24 and October 10, 2008
Language	English, French, Italian, German, Simplified Chinese, Polish

AutoCAD 2009 Subscription Bonus Pack

Description	<p>The AutoCAD® 2009 Subscription Bonus Pack provides many useful AUGI (Autodesk User Group International) functionality requests, including:</p> <ol style="list-style-type: none">1. New measurement capabilities (MEASUREGEOM command)2. SPLINE to PLINE3. Reverse PLINE edit4. Rotating viewport and have the view rotate with the viewport5. Erase unreferenced unnamed objects
Release Date	July 24, 2008
Language	This Bonus Pack is only available in English, although it can be installed on localized versions of AutoCAD if desired. If it is loaded on a localized version of AutoCAD all new and related commands will be in English only.

Erweiterung für AutoCAD® Architecture

Description	<p>Erweiterung für AutoCAD® Architecture software contains a set of modules that extend the product's capabilities for German architectural standards. Modules within the Extension include functionality in key areas such as costing, areas and quantities, refurbishment, roofing, visualization and collaboration.</p> <p>Available in Germany, Austria & Switzerland.</p>
Release Date	Sept 30, 2008
Language	German Only



AutoCAD® Revit® Architecture Suite 2009 – Product Downloads

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Revit Architecture 2009 64-bit

Description	This version of Revit® Architecture 2009 is a native 64-bit application to be used with 64-bit Operating Systems, such as Microsoft® Windows® XP Professional 64-bit or Microsoft® Windows Vista® 64-bit (Business, Home Premium, Ultimate editions). The 64-bit version of Revit Architecture 2009 removes the 4 gig memory limitation found in 32-bit applications which enhances the software's capability to handle large projects. It contains the functionality found in the 32-bit release of Revit Architecture 2009, with the noted limitations found in the Known Issues document.
Release Date	Sept 29, 2008
Language	English, French, Italian, German, Spanish, Japanese, Korean, Simplified Chinese, Traditional Chinese, Brazilian Portuguese, Russian, Czech, Hungarian, Polish

Swedish Content Library for Revit Architecture 2009

Description	<p>The Swedish Content Library for Revit® Architecture 2009 software provides families and templates in Swedish for customers across the Nordic region. The families provide architectural content specific to Swedish design standards. The templates allow export to local layering standards with a variety of representations.</p> <p>Although specifically designed for use with Revit® Architecture 2009 software, the content can also be used with Revit® Structure and Revit® MEP software applications.</p> <p>Available in Sweden, Norway, Finland, Iceland and Denmark.</p>
Release Date	Sept 21, 2008
Language	Swedish Only

Video Help for Revit Architecture 2009

Description	<p>Video Help for Revit® Architecture 2009 software provides video-based assistance for all commands and icons in Revit Architecture 2009.</p> <p>The 330 videos use real-life scenarios to explain to the user how to use commands in Revit Architecture 2009 software. Once installed, the videos can be launched by right-clicking on any command or icon within the Revit Architecture 2009 software user interface.</p> <p>Available in Germany, Austria, Switzerland and Italy.</p>
Release Date	Sept 21, 2008
Language	German Only

UK Content Tools

Description	The UK Content Tools for AutoCAD® Architecture 2009 are an update to the tools available for AutoCAD® Architecture 2008. These tools are also compatible with AutoCAD® MEP 2009. They consist of additional utilities that simplify the process of creating your own styles for key objects such as walls, doors and windows, as well as a utility to export the styles saved in a drawing to a web page of i-drop content that can be dragged into other drawings.
Release Date	June 26, 2008
Language	English Only

Migration Assistant: Import/Export 2009

Description	The Migration Assistant: Import/Export 2009 feature allows files and custom settings to be imported to and exported from an installation of the same release of AutoCAD® Architecture 2009 or AutoCAD® MEP 2009. This includes customization (CUI) files as well as profile (registry-stored) settings.
Release Date	May 30, 2008
Language	English, French, Italian, German, Spanish, Japanese, Korean, Russian, Czech, Traditional Chinese, Hungarian, Polish

ArchVision Rich Photorealistic Content (RPC)

Description	AutoCAD® Architecture and AutoCAD® MEP subscription customers now have access to a library of Rich Photorealistic Content (RPC) from ArchVision. The library consists of over 100 high-quality images of trees, people, and vehicles, enabling AutoCAD Architecture and AutoCAD MEP users to transform renderings into effective, lifelike scenes. With this library of RPC images, AutoCAD Architecture and AutoCAD MEP users can add as many objects into scenes as needed to make them realistic, without sacrificing rendering performance.
Release Date	April 16, 2008
Language	English Only



Autodesk, AutoCAD and Revit are registered trademarks or trademarks of Autodesk, Inc., in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

AUTODESK®
SUBSCRIPTION
AutoCAD® Revit® Architecture Suite 2009 – Product Downloads

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Drawing Compare Extension

Description	The Drawing Compare feature enhances collaboration by using color-coded displays to show items on a drawing that have been changed, added, or deleted by other members of the design team. Changes to items such as styles, fire ratings, or other non-graphical properties are also tracked. Combined with redlining features, such as revision clouds, the Drawing Compare features help make communication across the design team clearer than ever.
Release Date	March 25, 2008
Language	English, French, Italian, German, Spanish, Japanese, Korean, Traditional Chinese, Russian, Czech, Hungarian, Polish

Revit 2009 Performance Technical Note (White Paper)

Description	The performance of the Revit® platform can depend as much on the knowledge, skill and practices of its users as on the hardware environment provided for the software. To address both areas which can affect model performance, the Revit platform team has assembled this collection of hardware requirements, recommendations and modeling best practices as researched by both internal development and our community of dedicated customers.
Release Date	July 24, 2008
Language	English Only

German Content Library for Revit Architecture 2009

Description	The German Content Library for Revit® Architecture 2009 software provides new families specifically designed for customers in Central Europe. Families in the Content Library include: Windows, North Arrows, Children's Furniture, Playground Equipment, Animals, People, Trees, Vehicles, and DIN Symbols for Air Conditioning, Electrical Services, Fire Protection, Heating Installation, Sewage Disposal, Water Supplies and Barrier-free Construction. Available in Austria, Germany, Liechtenstein, and Switzerland.
Release Date	October 24, 2008
Language	German Only

German Content Library for AutoCAD Architecture 2009

Description	The German Content Library for AutoCAD® Architecture 2009 software provides over 1,300 new AEC blocks and multi-view blocks specifically designed for customers in Central Europe. Once installed, the content is easily accessible within the Content Browser. Content categories include Children's Furniture, Playground Equipment, Animals, Humans, Trees, Vehicles, and DIN Symbols for Air Conditioning, Electrical Services, Fire Protection, Heating Installation, Sewage Disposals, and Water Supplies. Available in Austria, Germany, Liechtenstein, and Switzerland only.
Release Date	October 24, 2008
Language	German Only

Austrian Content Library for Revit Architecture 2009

Description	The Austrian Content Library for Revit® Architecture 2009 software provides country-specific content based on Austrian architectural standards. Specifically, the Austrian Content Library contains Revit Architecture 2009 software templates and family files for doors, windows and annotations. Accompanying documentation explains about how the library can be accessed from Revit Architecture 2009 software and provides additional specifications for the content. Available in Austria, Germany, Liechtenstein, and Switzerland only.
Release Date	November 12, 2008
Language	German Only



Autodesk, AutoCAD and Revit are registered trademarks or trademarks of Autodesk, Inc., in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

© 2008 Autodesk, Inc. All rights reserved.

AutoCAD® Revit® Architecture Suite 2009 - Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

AutoCAD 2009 Bonus Pack Tutorial Video

Description	In this video, Tom Stoekel - Technical Lead for Platform Solutions - will walk you through the installation and the features & benefits of the AutoCAD 2009 Bonus Pack – released July 25, 2008.
Release Date	August 22, 2008
Language	English Only

Building Model Basics with Revit Architecture 2009 e-Learning

Description	<p>Adding and Modifying Walls This lesson describes how to add and modify walls and create new wall types from existing wall types. Walls are parametric elements that have height, thickness, materials and other properties associated with them.</p> <p>Working with Compound and Vertically Compound Walls This lesson describes how to create and modify compound and vertically compound walls. You can create compound and vertically compound walls consisting of different layers having different composition throughout the wall.</p> <p>Using Editing Commands This lesson describes how to use editing commands to add components to a building model. Most building designs repeatedly use similar areas or sections. You can speed up the process and accuracy of adding building components by using editing commands.</p> <p>Working with Doors This lesson describes how to add and modify doors in a building model. Doors are wall-hosted component elements that you can place in any type of wall, including arc walls.</p> <p>Adding and Modifying Windows This lesson describes how to add and modify windows in a building model. You can create windows that are wall-hosted elements in your projects as required.</p>
Release Date	April 25, 2008
Language	English Only

Viewing the Building Model with Revit Architecture 2009 e-Learning

Description	<p>Managing Views This lesson describes how to explore the different views displayed in the Project Browser and change their properties. Views are essential elements in a project. Views gather all the information related to a specific part of a building model and represent it as required.</p> <p>Controlling Object Visibility This lesson describes how to control the visibility and appearance of elements in different views. You use object visibility settings and filters to control the visibility of objects.</p> <p>Working with Section and Elevation Views This lesson describes how to create and modify section and elevation views. You create a section view to represent a vertical cross section of a building model. You create an elevation view to represent a side profile of a building model.</p> <p>Creating and Modifying 3D Views This lesson describes how to create and modify 3D views. You can create 3D views of a building model to help your design team or client visualize the model.</p>
Release Date	April 25, 2008
Language	English Only

Working with Component Families with Revit Architecture 2009 e-Learning

Description	<p>Adding and Modifying Component Families This lesson describes how to add and modify component families in a project. You use a component family to group elements with a common set of parameters, identical use, and similar graphical representation.</p>
Release Date	April 25, 2008
Language	English Only



AutoCAD® Revit® Architecture Suite 2009 - Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Using Dimensions and Constraints with Revit Architecture 2009 e-Learning

Description	<p>Working with Dimensions This lesson describes how to place dimensions and tags in a building model. You place dimensions to set and modify the distance between the elements in a building model. You place tags to display information about the elements.</p> <p>Applying and Removing Constraints This lesson describes how to apply constraints and remove them from a building model. Constraints enable you to lock the position of elements in a building model to prevent inadvertent changes to the position of elements.</p>
Release Date	April 25, 2008
Language	English Only

Starting a New Project with Revit Architecture 2009 e-Learning

Description	<p>Starting a Project This lesson describes how to set up a project and transfer standards between projects. A project is the database of information for the design of a building model. It includes the entire structural design and the associated documentation. You set up a project before you start creating a building model..</p> <p>Adding and Modifying Levels This lesson describes how to add and modify levels in a structural model. Levels are finite horizontal planes that act as references in a structural model for level-hosted elements such as roofs and floors.</p> <p>Creating and Modifying Grids This lesson describes how to add and modify grids. Grids form the basic framework in a structural model. Grid lines are displayed on structural plans specifically for locating columns and beams.</p> <p>Working with Structural Columns This lesson describes how to work with structural columns. Structural columns are load-bearing elements having type and instance parameters. Before adding columns in a structural plan, you create a grid.</p> <p>Working with Structural Walls This lesson describes how to create new wall types, create structural walls in a plan view, and add footings and pilasters. Structural walls resist gravity and seismic forces and are designed and scheduled accordingly.</p>
Release Date	April 25, 2008
Language	English Only

Developing the Building Model with Revit Architecture 2009 e-Learning

Description	<p>Creating and Modifying Floors This lesson describes how to create and modify floors. You can define several types of floors and choose different materials for the floor, such as tile, brick, and ceramic.</p> <p>Working with Ceilings This lesson describes how to add and modify ceilings in a building model. Depending on your design requirements, you can create different types of ceilings, such as grid and metal rail.</p> <p>Adding and Modifying Roofs This lesson describes how to add and modify the roofs of a building model. Roofs are building components that represent different types of actual roofs on a building. You can create roofs as footprint outlines and as extrusions.</p> <p>Creating Curtain Walls You can use Revit Architecture 2008 to create curtain walls consisting of a solid panel divided into horizontal and vertical grids of curtain panels. Curtain walls are building components with panels spanning through the dimensions of a wall.</p>
Release Date	May 23, 2008
Language	English Only



AutoCAD® Revit® Architecture Suite 2009 - Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Detailing and Drafting with Revit Architecture 2009 e-Learning

Description	<p>Creating Callout Views This lesson describes how to create a callout view. A callout is a view that you place in a plan, section, detail, or elevation view to create a more detailed view of part of the building model from that parent view. You can view the construction details using detail views.</p> <p>Working with Text and Tags This lesson describes how to work with text and tags. A building design goes through various stages before being implemented. At each stage, different people are involved who may want to add explanations and instructions to the design using text annotations. These explanations and instructions make the building design easy to understand for the people next in cycle.</p> <p>Working with Detail Views In Revit Architecture 2009, a detail view represents a building model with finer details in terms of construction and fabrication. This view provides a greater level of detail that is at a different scale from its parent view. A detail view is a view of all or a specific area of a plan, elevation, or section view. This view provides a greater level of detail that is at a different scale from its parent view.</p> <p>Working with Drafting Views This lesson describes how to work with drafting views. Drafting views include detail lines, detail groups, detail components, insulation, reference planes, dimensions, symbols, and text. Drafting views show details of specific portions of a building model although they are not directly associated with a building model and do not display any model element.</p>
Release Date	May 23, 2008
Language	English Only

Construction Documentation with Revit Architecture 2009 e-Learning

Description	<p>Creating and Modifying Schedules This lesson describes how to create and modify a schedule.</p> <p>Creating Rooms and Room Schedules This lesson describes how to create rooms, room schedules, and material takeoffs. You can create rooms and room components and room schedules to display the properties of room components in tabular format.</p> <p>Creating Legends and Keynotes This lesson describes how to create legends and keynotes and add them to sheets.</p>
Release Date	June 9, 2008
Language	English Only

Presenting the Building Model with Revit Architecture 2009 e-Learning

Description	<p>Working with Drawing Sheets This lesson describes how to create and modify drawing sheets. It also describes how to print drawing sheets and views. A drawing sheet is a project view in which you add building model views such as plan, elevation, section, or 3D. You can print drawing sheets to paper or to electronic files to deliver document sets to clients, collaborators, or government organizations.</p> <p>Working with Titleblocks This lesson describes how to add titleblocks to a drawing sheet and update the project information displayed in the titleblock.</p> <p>Managing Revisions This lesson describes how to create revisions and then update the information in a revision table. You make revisions to a building model to meet the changed requirements from a client or an onsite inspector.</p> <p>Creating Renderings This lesson describes how to create a rendering for a building model. Rendering is done by the process of raytracing in which the rendering engine analyzes the effect of lights and shadows and creates a pixel-by-pixel display of the selected view.</p> <p>Using Walkthroughs This lesson describes how to use the walkthrough technique to create a walkthrough of a building model.</p>
Release Date	June 9, 2008
Language	English Only



AUTODESK®
SUBSCRIPTION

AutoCAD® Revit® Architecture Suite 2009 - Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Introduction to Programming in Revit Video Tutorial

Description	The following resource is a self-paced video tutorial demonstrating how to get started programming with Revit. Level: beginner Prerequisite: Familiarity with Revit and general programming concepts
-------------	--

Release Date	June 27 2008
Language	English Only



Autodesk, AutoCAD and Revit are registered trademarks or trademarks of Autodesk, Inc., in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

© 2008 Autodesk, Inc. All rights reserved.

AutoCAD® Revit® MEP Suite 2009 – Product Downloads

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Autodesk Impression 2 Software Download

Description	<p>Impress your colleagues and clients with compelling presentation-ready graphics created directly from your DWG™ and DWF™ files. Autodesk® Impression software is easy to use, saves you time, and recognizes data from your CAD files.</p> <p>Benefits:</p> <ul style="list-style-type: none">▪ Generate Great-Looking Images—Fast. Presentation graphics are about winning business. Your images have to sell your projects. With Impression you can easily apply graphical styles to your CAD files using prebuilt styles or customized styles that you create—from pencil styles to watercolor fills.▪ CAD Compatible - Because Impression understands CAD data, the illustration process is much faster than with general-purpose graphics applications. Open any DWG or DWF file in Impression. Impression recognizes blocks, layers, hatches and other CAD-specific data.▪ Easy to Learn and Use - Impression is designed so that anyone in the office can learn the application in minutes and can get great results right away.▪ Quickly Create Multiple Design Iterations - Quickly update your presentation graphics when designs change or apply your signature style to all the drawings that you produce.▪ Integrate Into Existing Workflow - Impression fits easily into your existing workflow and is interoperable with many popular graphics applications.
Learn More	www.autodesk.com/impression
Release Date	March 25, 2008
Language	English, German, Japanese

DIALux Plug-in

Description	<p>This plug-in provides Electrical engineers and designers with a tool for importing lighting configurations made using DIALux - one of Europe's leading lighting design, calculation and analysis tools. This plug-in exports spatial geometry for model production in DIALux and imports lighting fixture layouts, assigning manufacturer specific information, via exchange file. This facilitates the design and layout of lighting configurations for AutoCAD® MEP 2009 subscription members.</p>
Release Date	April 16, 2008
Language	English Only

Globe Link for Revit® 2009

Description	<p>Globe Link for Revit 2009 platform products helps users streamline preliminary project planning processes by allowing them to present to clients conceptual designs in context with information about the project site.</p> <p>With Globe Link, users can publish 3D building information models directly from Revit® Architecture 2009, Revit® Structure 2009, and Revit® MEP 2009 software into Google Earth™ mapping service. Users can also acquire site information from Google Earth mapping service and import it into Revit 2009 software applications for building and site layout purposes. Globe Link is optimized for Google Earth version 4 mapping service.</p> <p>Globe Link is now compatible with the 32-bit and 64-bit versions of Revit Architecture 2009, Revit Structure 2009, and Revit MEP 2009 software.</p>
Release Date	April 30 and Sept 29, 2008
Language	English Only

Batch Print Utility Revit® 2009

Description	<p>Batch Print provides an easy way to print a large number of drawings (views and sheets) from a Revit® Architecture 2009, Revit® Structure 2009, or Revit® MEP 2009 software project.</p> <p>After preparing the default printer and the Revit software project, use Batch Print to send any number of drawings to the printer and to control the order in which they print. When you start the print job, Batch Print manages the printing of the drawings, requiring no further interaction from you. If desired, you can monitor the progress of the print job using a status dialog.</p> <p>Batch Print is now compatible with the 32-bit and 64-bit versions of Revit Architecture 2009, Revit Structure 2009, and Revit MEP 2009 software.</p>
Release Date	April 30 and September 29, 2008
Language	English, French, Italian, German, Spanish, Japanese, Korean, Traditional Chinese, Simplified Chinese, Brazilian Portuguese, Russian, Czech, Hungarian, Polish



Autodesk, AutoCAD and Revit are registered trademarks or trademarks of Autodesk, Inc., in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

AutoCAD® Revit® MEP Suite 2009 – Product Downloads

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Worksharing Monitor for Revit 2009

Description	<p>Worksharing Monitor facilitates the use of Revit® Architecture 2009, Revit® Structure 2009, or Revit® MEP 2009 software in a worksharing environment, in which multiple people work on one project. For worksharred projects, Worksharing Monitor answers questions such as:</p> <ul style="list-style-type: none">• Who is currently working on this project?• Is my local copy of the project up-to-date?• When will my Save to Central operation finish?• Has my request to borrow elements been granted?• Are any issues interfering with my work on a Revit software project? <p>Note: Worksharing Monitor is not useful for standalone Revit software projects, which do not use worksharing to divide the work for a project among several people.</p> <p>Worksharing Monitor is now compatible with the 32-bit and 64-bit versions of Revit Architecture 2009, Revit Structure 2009, and Revit MEP 2009 software.</p>
Release Date	April 30 and September 29, 2008
Language	English, French, Italian, German, Spanish, Japanese, Korean, Traditional Chinese, Simplified Chinese, Brazilian Portuguese, Russian, Czech, Hungarian, Polish

Revit Extensions for Revit MEP 2009

Description	<p>Revit® Extensions are a series of easy-to-use applications that extend the capabilities of Revit® MEP 2009 software in key areas, including modeling, coordination, and documentation. Specifically, the extensions provided in this executable file are: Freeze Drawings, Compare Models, Text Generator, and Elements Positioning.</p> <p>The file installs the Revit Extensions for Revit MEP 2009. It also includes the Extensions Engine, a platform that hosts each Extension within Revit MEP 2009.</p> <p>Please note that the multi-language executable file contains content in English and Simplified Chinese. Revit Extensions for Revit MEP 2009 are now compatible with the 32-bit and 64-bit versions of Revit MEP 2009 software.</p>
Release Date	July 24 and October 10, 2008
Language	English, Simplified Chinese

HVAC Load Calculation Extension

Description	<p>The Heating, Ventilation and Air Conditioning (HVAC) Load Calculation Extension is a commercial and industrial load calculation software package based upon the latest ASHRAE calculation methods. Downloading this extension will provide users with total cooling and heating loads for a building allowing them to properly specify the correct size HVAC equipment. This program is geared specifically toward the HVAC engineer, architect, design/build mechanical contractor, and building maintenance supervisor.</p>
Release Date	June 26 2008
Language	English Only

UK Content Tools

Description	<p>The UK Content Tools for AutoCAD® Architecture 2009 are an update to the tools available for AutoCAD® Architecture 2008. These tools are also compatible with AutoCAD® MEP 2009. They consist of additional utilities that simplify the process of creating your own styles for key objects such as walls, doors and windows, as well as a utility to export the styles saved in a drawing to a web page of i-drop content that can be dragged into other drawings.</p>
Release Date	June 26, 2008
Language	English Only

Revit MEP Software Download - Simplified Chinese

Description	<p>This download is the most recent build for Revit® MEP 2009 software as part of the AutoCAD® Revit® MEP Suite 2009 software product. It is available to users with an active Subscription entitlement to the AutoCAD Revit MEP Suite 2009, and is subject to the terms and conditions of the end-user license agreement that appears during installation.</p>
Release Date	August 21, 2008
Language	Simplified Chinese Only



Autodesk, AutoCAD and Revit are registered trademarks or trademarks of Autodesk, Inc., in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

© 2008 Autodesk, Inc. All rights reserved.

AutoCAD® Revit® MEP Suite 2009 – Product Downloads

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Revit MEP 2009 64-bit

Description	This version of Revit® MEP 2009 is a native 64-bit application to be used with 64-bit Operating Systems, such as Microsoft® Windows® XP Professional 64-bit or Microsoft® Windows Vista® 64-bit (Business, Home Premium, Ultimate editions). The 64-bit version of Revit MEP 2009 removes the 4 gig memory limitation found in 32-bit applications which enhances the software's capability to handle large projects. It contains the functionality found in the 32-bit release of Revit MEP 2009, with the noted limitations found in the Known Issues document.
Release Date	Sept 29, 2008
Language	English, Japanese, Simplified Chinese

Swedish Content Library for Revit Architecture 2009

Description	<p>The Swedish Content Library for Revit® Architecture 2009 software provides families and templates in Swedish for customers across the Nordic region. The families provide architectural content specific to Swedish design standards. The templates allow export to local layering standards with a variety of representations.</p> <p>Although specifically designed for use with Revit® Architecture 2009 software, the content can also be used with Revit® Structure and Revit® MEP software applications.</p> <p>Available in Sweden, Norway, Finland, Iceland and Denmark.</p>
Release Date	Sept 21, 2008
Language	Swedish Only

Drawing Compare Extension

Description	The Drawing Compare feature enhances collaboration by using color-coded displays to show items on a drawing that have been changed, added, or deleted by other members of the design team. Changes to items such as styles, fire ratings, or other non-graphical properties are also tracked. Combined with redlining features, such as revision clouds, the Drawing Compare features help make communication across the design team clearer than ever.
Release Date	March 25, 2008
Language	English, French, Italian, German, Spanish, Japanese, Korean, Traditional Chinese, Russian, Czech, Hungarian, Polish

ArchVision Rich Photorealistic Content (RPC)

Description	AutoCAD® Architecture and AutoCAD® MEP subscription customers now have access to a library of Rich Photorealistic Content (RPC) from ArchVision. The library consists of over 100 high-quality images of trees, people, and vehicles, enabling AutoCAD Architecture and AutoCAD MEP users to transform renderings into effective, lifelike scenes. With this library of RPC images, AutoCAD Architecture and AutoCAD MEP users can add as many objects into scenes as needed to make them realistic, without sacrificing rendering performance.
Release Date	April 25, 2008
Language	English Only

Migration Assistant: Import/Export 2009

Description	The Migration Assistant: Import/Export 2009 feature allows files and custom settings to be imported to and exported from an installation of the same release of AutoCAD® Architecture 2009 or AutoCAD® MEP 2009. This includes customization (CUI) files as well as profile (registry-stored) settings.
Release Date	May 30, 2008
Language	English, French, Italian, German, Spanish, Japanese, Korean, Traditional Chinese, Russian, Czech, Hungarian, Polish

Revit 2009 Performance Technical Note (White Paper)

Description	The performance of the Revit® platform can depend as much on the knowledge, skill and practices of its users as on the hardware environment provided for the software. To address both areas which can affect model performance, the Revit platform team has assembled this collection of hardware requirements, recommendations and modeling best practices as researched by both internal development and our community of dedicated customers.
Release Date	July 24, 2008
Language	English Only



AutoCAD® Revit® MEP Suite 2009 – Product Downloads

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

US Content Extension for AutoCAD MEP 2009

Description	The US Content Extension for AutoCAD® MEP 2009 software provides new pipe and MvParts catalogs for water and wastewater design. By downloading this extension, MEP professionals will have access to components and parts specific to the water and wastewater design projects, including, large diameter pipe fittings, numerous valves, aerators, centrifuges, classifiers, conveyors, blowers, screens, gates, pumps as well as other equipment for water and wastewater design projects in AutoCAD MEP 2009.
Release Date	October 9, 2008
Language	English Only

European Common Content Extension for AutoCAD MEP 2009

Description	The European Common Content Extension for AutoCAD® MEP 2009 provides MEP professionals with access to new metric parts and components, including cable tray fittings, DIN standard duct fittings and numerous MvParts for system design. AutoCAD MEP 2009 users in Europe, outside of France and the DACH region. This is English language, common metric content, extending existing AME catalog to better support commercial systems design.
Release Date	October 21, 2008
Language	English Only

Russian Content Extension for AutoCAD MEP 2009

Description	The Russian Content Extension for AutoCAD® MEP 2009 provides a new pipe catalog enabling MEP professionals to access steel and plastic pipes and pipe fittings based on GOST standards.
Release Date	October 23, 2008
Language	Russian Only

UK Content Extension for Revit MEP 2009

Description	The UK Content Extension for Revit® MEP 2009 software provides MEP professionals with access to new templates and duct fittings designed specifically to meet UK standards. To meet the standards required for construction documentation in the UK, the duct fittings adhere to the DW/144 UK industry standards. This extension provides additional building systems modeling capabilities for MEP engineers working on UK-based projects.
Release Date	November 24, 2008
Language	English Only

US Content Extension for Revit MEP 2009

Description	The US Content Extension for Revit® MEP 2009 software provides MEP professionals with access to imperial and metric duct and pipe fittings designed specifically to meet US standards. To meet the standards required by US-based projects, the duct fittings adhere to SMACNA standards and the pipe fittings adhere to ASME standards for Class 150 and 300 Malleable Threaded Iron and Flanged Cast Iron. This extension provides additional building systems modeling capabilities for MEP engineers working on US-based projects.
Release Date	November 24, 2008
Language	English Only



AutoCAD® Revit® MEP Suite 2009 - Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Revit MEP Basics e-Learning

Description	<p>Building Information Modeling This lesson describes building information modeling. Building information modeling is a building design and documentation methodology. It enables you to create and manage information about a building project. The information about the building project is stored in a single database.</p> <p>Exploring the User Interface This lesson describes how to use the different parts of the Revit Architecture user interface. You use the Revit Architecture user interface to access commands that helps you in creating and modifying a building model. These commands are present on various toolbars such as the Design Bar and Options Bar.</p> <p>Working with Revit Elements and Families This lesson describes how to work with different types of Revit elements and families. You create a building model by adding elements such as windows and doors. You can group similar types of elements that form a family.</p> <p>Managing Views This lesson describes how to explore the different views displayed in the Project Browser and change their properties. Views are essential elements in a project. Views gather all the information related to a specific part of a building model and represent it as required.</p> <p>Controlling Object Visibility This lesson describes how to control the visibility and appearance of elements in different views.</p> <p>Working with Section and Elevation Views This lesson describes how to create and modify section and elevation views. You create a section view to represent a vertical cross section of a building model. You create an elevation view to represent a side profile of a building model.</p> <p>Creating and Modifying 3D Views This lesson describes how to create and modify 3D views. You can create 3D views of a building model to help your design team or client visualize the model.</p>
Release Date	May 30, 2008
Language	English Only

Electrical Essentials for AutoCAD MEP 2009 e-Learning

Description	<p>Loading Base Drawings for a Project This lesson teaches you to customize your workspace to streamline the Electrical design process, load base drawings into a project, and create views of your evolving design.</p>
Release Date	May 30, 2008
Language	English Only

Plumbing Essentials for AutoCAD MEP 2009 e-Learning

Description	<p>Loading Base Drawings for a Project This lesson teaches you to customize your workspace to streamline the Plumbing design process, load base drawings into a project, and create views of your evolving design.</p>
Release Date	May 30, 2008
Language	English Only

Piping Essentials for AutoCAD MEP 2009 e-Learning

Description	<p>Loading Base Drawings for a Project This lesson teaches you to customize your workspace to streamline the Piping design process, load base drawings into a project, and create views of your evolving design.</p>
Release Date	May 30, 2008
Language	English Only



AUTODESK®
SUBSCRIPTION

AutoCAD® Revit® MEP Suite 2009 - Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

HVAC Essentials for AutoCAD MEP 2009 e-Learning

Descriptions	Loading Base Drawings for a Project This lesson teaches you to customize your workspace to streamline the HVAC design process, load base drawings into a project, and create views of your evolving design.
Release Date	May 30, 2008
Language	English Only

Introduction to Programming in Revit Video Tutorial

Description	The following resource is a self-paced video tutorial demonstrating how to get started programming with Revit.
Release Date	June 27 2008
Language	English Only



Autodesk, AutoCAD and Revit are registered trademarks or trademarks of Autodesk, Inc., in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

© 2008 Autodesk, Inc. All rights reserved.

AutoCAD® Revit® Structure Suite 2009 - Product Downloads

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Autodesk Impression 2 Software Download

Description	<p>Impress your colleagues and clients with compelling presentation-ready graphics created directly from your DWG™ and DWF™ files. Autodesk® Impression software is easy to use, saves you time, and recognizes data from your CAD files.</p> <p>Benefits:</p> <ul style="list-style-type: none">▪ Generate Great-Looking Images—Fast. Presentation graphics are about winning business. Your images have to sell your projects. With Impression you can easily apply graphical styles to your CAD files using prebuilt styles or customized styles that you create—from pencil styles to watercolor fills.▪ CAD Compatible - Because Impression understands CAD data, the illustration process is much faster than with general-purpose graphics applications. Open any DWG or DWF file in Impression. Impression recognizes blocks, layers, hatches and other CAD-specific data.▪ Easy to Learn and Use - Impression is designed so that anyone in the office can learn the application in minutes and can get great results right away.▪ Quickly Create Multiple Design Iterations - Quickly update your presentation graphics when designs change or apply your signature style to all the drawings that you produce.▪ Integrate Into Existing Workflow - Impression fits easily into your existing workflow and is interoperable with many popular graphics applications.
Learn More	www.autodesk.com/impression
Release Date	March 25, 2008
Language	English, German, Japanese

Globe Link for Revit® 2009

Description	<p>Globe Link for Revit 2009 platform products helps users streamline preliminary project planning processes by allowing them to present to clients conceptual designs in context with information about the project site.</p> <p>With Globe Link, users can publish 3D building information models directly from Revit® Architecture 2009, Revit® Structure 2009, and Revit® MEP 2009 software into Google Earth™ mapping service. Users can also acquire site information from Google Earth mapping service and import it into Revit 2009 software applications for building and site layout purposes. Globe Link is optimized for Google Earth version 4 mapping service.</p> <p>Globe Link is now compatible with the 32-bit and 64-bit versions of Revit Architecture 2009, Revit Structure 2009, and Revit MEP 2009 software.</p>
Release Date	April 30 and Sept 29, 2008
Language	English Only

Batch Print Utility Revit® 2009

Description	<p>Batch Print provides an easy way to print a large number of drawings (views and sheets) from a Revit® Architecture 2009, Revit® Structure 2009, or Revit® MEP 2009 software project.</p> <p>After preparing the default printer and the Revit software project, use Batch Print to send any number of drawings to the printer and to control the order in which they print. When you start the print job, Batch Print manages the printing of the drawings, requiring no further interaction from you. If desired, you can monitor the progress of the print job using a status dialog.</p> <p>Batch Print is now compatible with the 32-bit and 64-bit versions of Revit Architecture 2009, Revit Structure 2009, and Revit MEP 2009 software.</p>
Release Date	April 30 and September 29, 2008
Language	English, French, Italian, German, Spanish, Japanese, Korean, Traditional Chinese, Simplified Chinese, Brazilian Portuguese, Russian, Czech, Hungarian, Polish



Autodesk, AutoCAD and Revit are registered trademarks or trademarks of Autodesk, Inc., in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

© 2008 Autodesk, Inc. All rights reserved.

AutoCAD® Revit® Structure Suite 2009 - Product Downloads

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Worksharing Monitor for Revit 2009

Description	<p>Worksharing Monitor facilitates the use of Revit® Architecture 2009, Revit® Structure 2009, or Revit® MEP 2009 software in a worksharing environment, in which multiple people work on one project. For worksharred projects, Worksharing Monitor answers questions such as:</p> <ul style="list-style-type: none">• Who is currently working on this project?• Is my local copy of the project up-to-date?• When will my Save to Central operation finish?• Has my request to borrow elements been granted?• Are any issues interfering with my work on a Revit software project? <p>Note: Worksharing Monitor is not useful for standalone Revit software projects, which do not use worksharing to divide the work for a project among several people.</p> <p>Worksharing Monitor is now compatible with the 32-bit and 64-bit versions of Revit Architecture 2009, Revit Structure 2009, and Revit MEP 2009 software.</p>
Release Date	April 30 and September 29, 2008
Language	English, French, Italian, German, Spanish, Japanese, Korean, Traditional Chinese, Simplified Chinese, Brazilian Portuguese, Russian, Czech, Hungarian, Polish

Reinforcement Content Library for AutoCAD Structural Detailing 2009

Description	<p>The Reinforcement Content Library supplements the reinforcement bars and wire mesh databases of AutoCAD® Structural Detailing 2009 within AutoCAD® Revit® Structure Suite 2009. In addition, it provides templates which include settings for the local concrete reinforcement standards and requirements of Italy, Denmark, Sweden, and India. With the help of this content, structural engineers, drafters and detailers can improve the quality of their reinforced concrete shop drawings.</p>
Release Date	June 26 and October 20, 2008
Language	English Only

MIDAS/Gen Link

Description	<p>The MIDAS/Gen Link provides bi-directional integration between MIDAS/Gen and Revit Structure 2009. It allows the user to export a Revit Structure model to MIDAS/Gen software, perform an analysis and design and then update the members in the original Revit Structure model. Customers in Italy, Japan, and Korea can download this special content and a link that integrates Revit Structure 2009 and MIDAS/Gen. This link is an update to the previous version that was available for Revit Structure 2008.</p>
Release Date	June 26, 2008
Language	Italian, Japanese, Korean, Simplified Chinese

Subscription Structural Library for Revit Structure 2009

Description	<p>The Subscription Structural Library provides some new structural content such as Families (.rfa), Type Catalogs (.txt) and/or Project Templates (.rte) for Revit® Structure 2009. After downloading the appropriate file, subscription users can uncompress the .zip package using WinZip and then load the content into the project.</p>
Release Date	July 24, 2008
Language	English Only



AutoCAD® Revit® Structure Suite 2009 - Product Downloads

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Revit Extensions for Revit Structure 2009

Description	<p>Revit® Extensions are a series of easy-to-use applications that extend the capabilities of the Revit® Structure 2009 software in key areas, including structural analysis, modeling, concrete reinforcement, interoperability, and construction documentation. Specifically, the extensions provided in this executable file are:</p> <ul style="list-style-type: none">• Structural Analysis: Analysis Integration Enabler, Analysis Integration Enabler for Autodesk Concrete Building Structures 2009, Static Analysis of Beams (NEW), Static Analysis of Frames (NEW), Static Analysis of Slabs, Static Analysis of Trusses• Import/Export: CIS/2 Export, CIS/2 Import• Reinforcement: Automatic Reinforcement Generation (NEW), Reinforcement of Beams, Reinforcement of Columns, Reinforcement of Continuous Footings, Reinforcement Design, Reinforcement Drawings Enabler, Reinforcement of Parapets, Reinforcement of Piles, Reinforcement of Pile Caps, Reinforcement of Retaining Walls (NEW), Reinforcement of Slab Corners (NEW), Reinforcement of Slab Openings, Reinforcement of Spread Footings, Reinforcement of Walls, Reinforcement of Wall Corners• Modeling: Excel-based Model Generation, Grids Generator• Miscellaneous: Text Generator, Elements Positioning, Freeze Drawings, Compare Models <p>The file installs the Revit Extensions for Revit Structure 2009. It also includes the Extensions Engine, a platform that hosts each extension within Revit Structure 2009.</p> <p>Please note that the multi-language executable file contains content in English, French, Italian, German, Simplified Chinese, and Polish. Revit Extensions for Revit Structure 2009 are now compatible with the 32-bit and 64-bit versions of Revit Structure 2009 software (with the exception of Analysis Integration Enabler for Autodesk Concrete Building Structures 2009 and Reinforcement Drawings Enabler).</p> <p>For more information, please visit www.extensions4revit.com.</p>
Release Date	April 16, July 24, and October 15, 2008
Language	English, French, Italian, German, Simplified Chinese, Polish

AutoCAD 2009 Subscription Bonus Pack

Description	<p>The AutoCAD® 2009 Subscription Bonus Pack provides many useful AUGI (Autodesk User Group International) functionality requests, including:</p> <ol style="list-style-type: none">1. New measurement capabilities (MEASUREGEOM command)2. SPLINE to PLINE3. Reverse PLINE edit4. Rotating viewport and have the view rotate with the viewport5. Erase unreferenced unnamed objects
Release Date	July 24, 2008
Language	This Bonus Pack is only available in English, although it can be installed on localized versions of AutoCAD if desired. If it is loaded on a localized version of AutoCAD all new and related commands will be in English only.

AutoCAD® Structural Detailing Engine 2009

Description	<p>AutoCAD® Structural Detailing Engine 2009 is a plug-in application for Revit® Structure 2009 and AutoCAD® 2009. When used in conjunction with Revit® Extensions, this plug-in enables users to generate reinforcement drawings directly in AutoCAD 2009 without the need to install the commercial release of AutoCAD Structural Detailing 2009.</p> <p>Please Note: AutoCAD Structural Detailing Engine 2009 cannot co-exist with the commercial release of AutoCAD Structural Detailing 2009 on a single machine.</p>
Release Date	Sept 21, 2008
Language	English Only



Autodesk, AutoCAD and Revit are registered trademarks or trademarks of Autodesk, Inc., in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

AutoCAD® Revit® Structure Suite 2009 - Product Downloads

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Revit Structure 2009 64-bit

Description	This version of Revit® Structure 2009 is a native 64-bit application to be used with 64-bit Operating Systems, such as Microsoft® Windows® XP Professional 64-bit or Microsoft® Windows Vista® 64-bit (Business, Home Premium, Ultimate editions). The 64-bit version of Revit Structure 2009 removes the 4 gig memory limitation found in 32-bit applications which enhances the software's capability to handle large projects. It contains the functionality found in the 32-bit release of Revit Structure 2009, with the noted limitations found in the Known Issues document.
Release Date	Sept 29, 2008
Language	English, French, Italian, German, Spanish, Japanese, Korean, Simplified Chinese, Russian, Polish

Swedish Content Library for Revit Architecture 2009

Description	<p>The Swedish Content Library for Revit® Architecture 2009 software provides families and templates in Swedish for customers across the Nordic region. The families provide architectural content specific to Swedish design standards. The templates allow export to local layering standards with a variety of representations.</p> <p>Although specifically designed for use with Revit® Architecture 2009 software, the content can also be used with Revit® Structure and Revit® MEP software applications.</p> <p>Available in Sweden, Norway, Finland, Iceland and Denmark.</p>
Release Date	Sept 21, 2008
Language	Swedish Only

Revit 2009 Performance Technical Note (White Paper)

Description	The performance of the Revit® platform can depend as much on the knowledge, skill and practices of its users as on the hardware environment provided for the software. To address both areas which can affect model performance, the Revit platform team has assembled this collection of hardware requirements, recommendations and modeling best practices as researched by both internal development and our community of dedicated customers.
Release Date	July 24, 2008
Language	English Only



AutoCAD® Revit® Structure Suite 2009 - Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

AutoCAD 2009 Bonus Pack Tutorial Video

Description	In this video, Tom Stoekel - Technical Lead for Platform Solutions - will walk you through the installation and the features & benefits of the AutoCAD 2009 Bonus Pack – released July 25, 2008.
Release Date	August 22, 2008
Language	English Only

Introduction to Programming in Revit Video Tutorial

Description	The following resource is a self-paced video tutorial demonstrating how to get started programming with Revit. Level: beginner Prerequisite: Familiarity with Revit and general programming concepts
Release Date	June 27 2008
Language	English Only

Revit Structure Basics e-Learning

Description	<p>Building Information Modeling This lesson describes building information modeling (BIM).</p> <p>Exploring the User Interface This lesson describes how to use different parts of the Revit Structure user interface. You begin the lesson by learning about the parts of the user interface and the steps to display and hide the tabs on the Design Bar. Next, you learn some recommended practices for exploring the user interface. The lesson concludes with an exercise on exploring the different parts of the user interface of the software.</p> <p>Working with Revit Elements and Families This lesson describes how to work with different types of structural elements and families. You begin the lesson by learning about structural elements and families. Next, you learn some recommended practices for working with them. The lesson concludes with an exercise on working with structural elements and families.</p> <p>Working with Views This lesson describes how to work with the different views listed in the Project Browser. You begin the lesson by learning about views and the use of view parameters. Then, you learn about the steps for creating a dependent view and some recommended practices for working with views. The lesson concludes with an exercise on exploring and creating views.</p> <p>Controlling Object Visibility This lesson describes how to control the visibility and graphical representation of objects in a structural model. You begin the lesson by learning about controlling object visibility and graphical representation. Then, you learn the steps to modify line styles to control object visibility and use filters. Next, you learn some recommended practices for controlling object visibility. The lesson concludes with an exercise on controlling object visibility.</p> <p>Working with Elevation and Section Views This lesson describes how to work with elevation and section views. You begin the lesson by learning about elevation and section views. Next, you learn the steps to control the visibility of elevation and section tags. You also learn some recommended practices for creating elevation and section views. The lesson concludes with an exercise on working with elevation and section views.</p>
Release Date	April 25, 2008
Language	English Only



AutoCAD® Revit® Structure Suite 2009 - Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Starting a New Project with Revit 2009 e-Learning (Revit)

Description	<p>Starting a Project This lesson describes how to set up a project and transfer standards between projects. A project is the database of information for the design of a building model. It includes the entire structural design and the associated documentation. You set up a project before you start creating a building model..</p> <p>Adding and Modifying Levels This lesson describes how to add and modify levels in a structural model. Levels are finite horizontal planes that act as references in a structural model for level-hosted elements such as roofs and floors.</p> <p>Creating and Modifying Grids This lesson describes how to add and modify grids. Grids form the basic framework in a structural model. Grid lines are displayed on structural plans specifically for locating columns and beams.</p> <p>Working with Structural Columns This lesson describes how to work with structural columns. Structural columns are load-bearing elements having type and instance parameters. Before adding columns in a structural plan, you create a grid.</p> <p>Working with Structural Walls This lesson describes how to create new wall types, create structural walls in a plan view, and add footings and pilasters. Structural walls resist gravity and seismic forces and are designed and scheduled accordingly.</p>
Release Date	April 25, 2008
Language	English Only



Autodesk® 3ds Max® 2008 - Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

The Emergence of the Architectural Film Downloadable DVD

Description	Using Autodesk® 3ds Max® software, this downloadable DVD explores the techniques used in creating the architectural film. You will learn: <ul style="list-style-type: none">• Pre-production techniques such as pre-visualization and animatics.• How to animate with a focus on camera movement.• Post-production techniques including rendering, creating and using matte passes, and utilizing render passes. <p>The downloadable DVD uses a "movie-breakdown" and "shot-breakdown" approach to illustrate the various methods. There is also some discussion of optimizing workflow with MAXScript, as well as scene and file organization.</p>
Release Date	April 11, 2008
Language	English Only

Achieving Believable Lip Synchronization Downloadable DVD

Description	This downloadable DVD focuses on various approaches to lip sync animation in Autodesk® 3ds Max® software. Starting with 2D theory, explore how lip synchronization has been accomplished for more than 75 years in traditional animation, and then look at an in-depth example of how to use modeling to make animation work. Several 3ds Max animation methods are covered, as well as modeling and rigging techniques for lip sync. The instructor plans to reveal production tricks and showcase how to automate the lip sync process.
Release Date	April 11, 2008
Language	English Only

High Dynamic Range Imaging (HDR) Downloadable DVD

Description	This downloadable DVD focuses on the use of HDR images in a production pipeline, including color theory, bit depths, and file formats. Learn how to create HDR images from real-world photographs and discover the advantages to rendering to HDR formats from within 3D applications such as Autodesk 3ds Max software. The downloadable DVD covers the Material Editor, the mental ray® rendering engine, exterior lighting, and the EXR/RPF file formats.
Release Date	April 11, 2008
Language	English Only

What's New in Autodesk 3ds Max 2008 Downloadable DVD

Description	Aimed to provide you with best practices on how to use new 3ds Max enhancements. With this eDVD, you will discover: <ul style="list-style-type: none">• Viewport & Modeling Enhancements• Modifier & Mapping Enhancements• File and Data Scene Management• Performance & Speed Enhancements• Mental ray & Animation Enhancements
Release Date	February 1, 2008
Language	English Only

Advanced Illumination Tips and Tricks with Autodesk® 3ds Max® and Autodesk® Combustion® Downloadable DVD

Description	This session will present basic rules for digital color and illumination. We'll use different techniques for advanced illumination, and standard and photometric lights for quick results. Included in the discussion will be a review of advanced illumination techniques with MAXScript and the new features of mental ray in Autodesk 3ds Max. We'll use Autodesk Combustion for preparing different results, retouch our Max illumination for prepared FX, and change parameters like textures, colors, reflections. With this eDVD, you will discover: <ul style="list-style-type: none">• Displacement maps, RPF and EXR• Adding lights using MAXScript• Using Combustion to retouch renders• Dome lights, skylights, photometric lights• mental ray daylight system, mental ray water•
Release Date	February 1, 2008
Language	English Only



Autodesk® 3ds Max® 2008 - Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Advanced Animation Effects Using Simple but Effective Rigs Downloadable DVD

Description	<p>This class covers three animation techniques that yield impressive results, yet are easy to set up and keep the high performance of your scene. Instructor Grayson Chalmers covers topics ranging from methods of automating secondary animation to a technique of getting objects to float on top of a dynamic water plane.</p> <p>With this eDVD, you will discover:</p> <ul style="list-style-type: none">• How to create powerful and easy to edit rigs• How to implement a spring tail rig using automated secondary motion• How to apply the tail rig example on a robot• How to stick an object to a dynamic surface using a boat on water rig
Release Date	February 1, 2008
Language	English Only

Hair and Fur in Commercial Production Downloadable DVD

Description	<p>Creating hair and fur for commercial production can be rigorous. Rendering hair and fur can be very time-consuming, and tight deadlines can challenge your creative abilities. This course demonstrates tips and techniques for developing hair and fur in difficult situations. This class is intended for advanced users with some previous experience with hair and fur and is not recommended as an introduction to using Autodesk 3ds Max to create hair and fur. Learn to work efficiently with pipeline tools for hair setups such as cloth-driven hair. The course is based on commercial production where hair can be utilized in unique ways such as cattails, cloth-driven hair, and horse and human setups.</p> <p>With this eDVD, you will discover:</p> <ul style="list-style-type: none">• UI setup and tools• Grooming pipeline• Rendering hair as geometry• Cloth driven hair setup• Other uses for hair
Release Date	February 1, 2008
Language	English Only

Quest for the Make Art Button Downloadable DVD

Description	<p>This Master Class, suitable for both artists and technical people, reveals ways to quickly achieve impressive creative results at the click of a button using existing features of Autodesk 3ds Max and the application's built-in MAXScript programming language. With this eDVD, you will discover:</p> <ul style="list-style-type: none">• Scripting & the Creative Process• Procedural Modeling & Animation• Cyclograph Scripts• Growing Hierarchical Structures
Release Date	February 1, 2008
Language	English Only

HDR in an Autodesk 3ds Max Pipeline Downloadable DVD

Description	<p>This tutorial focuses on the use of HDR images in a production pipeline, including color theory, bit depths, and file formats. Learn how to create HDR images from real-world photographs and discover the advantages to rendering to HDR formats from within 3D applications such as Autodesk 3ds Max software. The class covers the Material Editor, the mental ray® rendering engine, exterior lighting, and the EXR/RPF file formats.</p>
Release Date	June 27 2008
Language	English Only

Pyrotechnical Film Effects Downloadable DVD

Description	<p>An overview of the process for creating digital pyrotechnics through particles and fluid simulations including:</p> <ul style="list-style-type: none">ExplosionsFireSmoke <p>And various other effects...as well as various creature effects</p>
Release Date	June 27 2008
Language	English Only



AUTODESK®
SUBSCRIPTION

Autodesk® 3ds Max® 2008 - Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Anaglyph Stereoscopic Techniques Downloadable DVD

Description	Learn how to further the illusion of 3D with Anaglyph Stereoscopy techniques. This presentation covers: Easy camera setups True stereo camera setups Anaglyph compositing in Combustion
Release Date	June 27 2008
Language	English Only

Automotive Visualization Tips and Tricks Downloadable DVD

Description	This seminar deals with the problems of using CAD geometry to create photorealistic images for print and animation. It covers everything from color and lighting to shaders and render settings. Learn about tools inside Autodesk® 3ds Max® software that make it all possible.
Release Date	July 24, 2008
Language	English Only

Architectural and Industrial Visualization with mental ray and 3ds Max Downloadable DVD

Description	This class will explore techniques used in preparing architectural and industrial visualizations. Class topics will include: <ul style="list-style-type: none">• Default vs. adjusted gamma settings, gamma settings for logarithmic exposure control• Rendering to floating point format, final gather workflow• Adding a Sky Image to your Clouds, target radius for photons• Using area lights outside windows• Product visualization, interior lighting, and tips and tricks with mental ray
Release Date	July 24, 2008
Language	English Only

Photo Simulators Toolkit Downloadable DVD

Description	View matching and photo simulations are the backbone of the design visualization workflow but are not always an easy process. In this presentation, we'll explore a myriad of techniques for creating convincing and accurate photo simulations using Autodesk 3ds Max, Adobe Photoshop, Adobe Bridge, and Autodesk Combustion. We'll also learn to plan and prepare for a photo shoot on location, learn effective methods for sampling data in the field, and how to assemble a toolkit for acquiring accurate measurements and lighting information. In addition, this session will cover panoramic imagery, and how to leverage the lighting data and realism of HDRs when creating composites.
Release Date	August 22, 2008
Language	English Only



Autodesk and 3ds Max are registered trademarks or trademarks of Autodesk, Inc., in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

© 2008 Autodesk, Inc. All rights reserved.

Autodesk® 3ds Max® 2009 – Product Downloads

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Autodesk Vault 2009 Software Download

Description	<p>For customers in the manufacturing, media, building and civil engineering industries Autodesk Vault securely stores all versions of design documents in a single location so users can easily find, reference, and reuse the right information. Autodesk Vault lets you coordinate working documents and synchronizes design-related efforts:</p> <p>Access & Version Control - Permission-based secure check-in/check-out of design documents ensures that team members are always working on the correct version.</p> <p>Organize & Re-Use Design Data - With fast, powerful search capabilities you can quickly find elements of design work for reference or re-use.</p> <p>Work-in-Progress Tracking - Securely maintain a 'history of design' that safely stores all versions of the design evolution for reference and accountability.</p>
Release Date	March 25, 2008
Language	English, French, Italian, German, Spanish, Japanese, Korean, Traditional Chinese, Simplified Chinese, Brazilian Portuguese, Russian, Czech, Hungarian, Polish

Creativity Extension for Autodesk 3ds Max 2009

Description	<p>The Autodesk® 3ds Max® Creativity Extension delivers a host of innovations to help you expand the scope of your film, games, broadcast and television productions, while you quickly and intelligently optimize your models in real time. Add a whole new dimension of realism to your work through the addition of sophisticated particle effects. You can also incorporate audio and sound effects into your animated scenes.</p>
Release Date	August 22, 2008
Language	English Only



Autodesk and 3ds Max are registered trademarks or trademarks of Autodesk, Inc., in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

© 2008 Autodesk, Inc. All rights reserved.

Autodesk® 3ds Max® 2009 - Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Backburner Version Readiness Training

Description	In this version readiness training video, we will explore the use of Backburner as a rendering system for Autodesk 3ds Max Design 2009. We will cover the following: <ul style="list-style-type: none">• Advantages of using Backburner• Installations and Setup• Job Submissions
Release Date	June 27 2008
Language	English Only

Lighting Analysis Version Readiness Training

Description	In this version readiness training video, we will explore lighting analysis and look at the various aspects of the new lighting and rendering features now available in Autodesk 3ds Max Design 2009. Some workflow tips and tricks will also be offered and explained so that you may apply them to your own projects. We will cover the following: <ul style="list-style-type: none">• Lighting - Photometric lighting improvements• Lighting - Viewport lighting preview• Lighting - Exposure Control• Lighting - Working with real-world lighting data• Lighting Analysis - Physically correct shaders• Lighting Analysis - Daylight systems• Lighting Analysis - Light Meter helper objects• Lighting Analysis - Compatible lights• Lighting Analysis - Analysis output• Rendering - Framebuffer improvements
Release Date	June 27 2008
Language	English Only

FBX Interoperability Version Readiness Training

Description	In this version readiness training video, we will explore fbx interoperability between Autodesk 3ds Max Design 2009 and Revit. We will cover the following: <ul style="list-style-type: none">• Exporting FBX from Revit• Importing FBX into 3ds Max• Revit specific columns in 'select by name'
Release Date	June 27 2008
Language	English Only

New mental ray™ Features Version Readiness Training

Description	In this version readiness training video, we will explore new mental ray features now available in Autodesk 3ds Max Design 2009. We will cover the following: <ul style="list-style-type: none">• BSP2• Final Gather & Photon Maps• Object Properties for Final Gather & Caustics• A&D Render Elements• mental ray Production Shaders• mental ray Proxy Objects
Release Date	June 27 2008
Language	English Only



Autodesk® 3ds Max® 2009 - Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Various New Features Version Readiness Training

Description	In these version readiness training videos, we will explore multiple new features in Autodesk 3ds Max Design 2009. We will cover the following: <ul style="list-style-type: none">• Composite Materials• Import/Export• Pro Materials• Scene Explorer• The Steering Wheel• The View Cube
Release Date	June 27 2008
Language	English Only

Modeling & Texturing Features Version Readiness Training

Description	In these version readiness training videos, we will explore multiple new features in Autodesk 3ds Max Design 2009. We will cover the following: <ul style="list-style-type: none">• Soft Selection• Pelting & Relaxing Improvements• Spline Mapping
Release Date	June 27 2008
Language	English Only

Biped Features Version Readiness Training

Description	In this version readiness training video, we will explore new Biped features now available in Autodesk 3ds Max Design 2009. We will cover the following: <ul style="list-style-type: none">• Biped Mirror Option• Working Pivot & Pick Pivot Rotation• Triangle Neck
Release Date	July 24, 2008
Language	English Only

3ds Max 2009: Fluid Effects Downloadable DVD

Description	Discover ways to create realistic 3D watery environments and effects. Topics include: <ul style="list-style-type: none">• Water Properties• Creating a Water Surface• Adding Waves• Object Interaction and Water Kinetics
Release Date	October 24, 2008
Language	English Only

3dsMax 2009: Exploiting Proceduralism Downloadable DVD

Description	Learn how to harness the power of a procedural workflow. In this presentation Bradon Davis demonstrates several examples for you to experiment with. This is intended for users who want to introduce a more flexible workflow into their pipeline. Proceduralism allows you a non-linear approach to editing data and simplifies complex relationships between data. With this eDVD, you will discover: <ul style="list-style-type: none">• What is Proceduralism?• The Modifier Stack• Animation Controllers• Constraints• Ease & Multiplier Curves• Reaction Manager & Parameter Wiring
Release Date	October 24, 2008
Language	English Only



Autodesk and 3ds Max are registered trademarks or trademarks of Autodesk, Inc., in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

Autodesk® 3ds Max® 2009 - Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Autodesk 3dsMax 2009: Scripting a Base Plug-in (Part 1-4) Video Podcasts

Description	<p>Scripting a Base Plug-In – Part 1</p> <p>This podcast will introduce the user to the basics of scripted plug-in creation using the built-in MAXScript language. This series of podcasts are presented by MAXScript Guru, Borislav 'Bobo' Petrov who works for the VFX studio known as Frantic Films.</p> <p>Duration: 22 min Size: 57 MB Level: Intermediate</p> <p>Scripting a Base Plug-In – Part 2</p> <p>Duration: 18 min Size: 55 MB Level: Intermediate</p> <p>Scripting a Base Plug-In – Part 3</p> <p>Duration: 19 min Size: 66 MB Level: Intermediate</p> <p>Scripting a Base Plug-In – Part 4</p> <p>Duration: 13 min Size: 27 MB Level: Intermediate</p>
Release Date	October 24, 2008
Language	English Only

Autodesk 3dsMax 2009: Deconstructing the Elements with 3ds Max (eBook)

Description	<p>Boost your effects skill-set with this 3ds Max workshop. Tutorial lessons give you hands on experience in creating realistic fire, earth, air and water effects. Updated to demonstrate production techniques suitable for any version of 3ds Max, this new edition is co-published by Autodesk Media and Entertainment, and includes new tutorials on entering the Earth's atmosphere, glaciers, lava eruptions and a Badlands landscape.</p>
Release Date	December 11, 2008
Language	English Only

Autodesk 3dsMax 2009: Essential CG Lighting Techniques with 3ds Max (eBook)

Description	<p>The third edition of this book and DVD package, co-branded with Autodesk, presents the concepts and techniques required to create convincing CG lighting effects with 3ds Max - a vital skill for any 3D artist creating models, characters and CG environments. The stunning color illustrations throughout the book illustrate the results you can achieve, and the tutorial lessons help you to do so.</p>
Release Date	December 11, 2008
Language	English Only

Autodesk 3dsMax 2009: Rendering with Mental Ray and 3ds Max (eBook)

Description	<p>Realize your vision with stunning renders of your 3ds Max projects that can only be achieved with a powerful engine like mental ray. Beginning with a concise review of the essential concepts, you proceed to step-by-step tutorials that teach you how to render scenes with indirect light or with specific effects, such as depth of field and motion blur.</p>
Release Date	December 11, 2008
Language	English Only



AUTODESK®
SUBSCRIPTION

Autodesk® 3ds Max® Design 2009 – Product Downloads

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#)

Autodesk Vault 2009 Software Download

Description	<p>For customers in the manufacturing, media, building and civil engineering industries Autodesk Vault securely stores all versions of design documents in a single location so users can easily find, reference, and reuse the right information. Autodesk Vault lets you coordinate working documents and synchronizes design-related efforts:</p> <p>Access & Version Control - Permission-based secure check-in/check-out of design documents ensures that team members are always working on the correct version.</p> <p>Organize & Re-Use Design Data - With fast, powerful search capabilities you can quickly find elements of design work for reference or re-use.</p> <p>Work-in-Progress Tracking - Securely maintain a 'history of design' that safely stores all versions of the design evolution for reference and accountability.</p>
Release Date	March 25, 2008
Language	English, French, Italian, German, Spanish, Japanese, Korean, Traditional Chinese, Simplified Chinese, Brazilian Portuguese, Russian, Czech, Hungarian, Polish

Creativity Extension for Autodesk 3ds Max Design 2009

Description	<p>The Autodesk® 3ds Max® Creativity Extension delivers a host of innovations to help you expand the scope of your film, games, broadcast and television productions, while you quickly and intelligently optimize your models in real time. Add a whole new dimension of realism to your work through the addition of sophisticated particle effects. You can also incorporate audio and sound effects into your animated scenes.</p>
Release Date	August 22, 2008
Language	English Only



Autodesk and 3ds Max are registered trademarks or trademarks of Autodesk, Inc., in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

© 2008 Autodesk, Inc. All rights reserved.

Autodesk® 3ds Max® Design 2009 - Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

The Emergence of the Architectural Film Downloadable DVD

Description	Using Autodesk® 3ds Max® software, this downloadable DVD explores the techniques used in creating the architectural film. You will learn: <ul style="list-style-type: none">• Pre-production techniques such as pre-visualization and animatics.• How to animate with a focus on camera movement.• Post-production techniques including rendering, creating and using matte passes, and utilizing render passes. <p>The downloadable DVD uses a "movie-breakdown" and "shot-breakdown" approach to illustrate the various methods. There is also some discussion of optimizing workflow with MAXScript, as well as scene and file organization.</p>
Release Date	April 11, 2008
Language	English Only

High Dynamic Range Imaging (HDRI) Downloadable DVD

Description	This downloadable DVD focuses on the use of HDR images in a production pipeline, including color theory, bit depths, and file formats. Learn how to create HDR images from real-world photographs and discover the advantages to rendering to HDR formats from within 3D applications such as Autodesk 3ds Max software. The downloadable DVD covers the Material Editor, the mental ray® rendering engine, exterior lighting, and the EXR/RPF file formats.
Release Date	April 11, 2008
Language	English Only

Lighting Analysis Version Readiness Training

Description	In this version readiness training video, we will explore lighting analysis and look at the various aspects of the new lighting and rendering features now available in Autodesk 3ds Max Design 2009. Some workflow tips and tricks will also be offered and explained so that you may apply them to your own projects. We will cover the following: <ul style="list-style-type: none">• Lighting - Photometric lighting improvements• Lighting - Viewport lighting preview• Lighting - Exposure Control• Lighting - Working with real-world lighting data• Lighting Analysis - Physically correct shaders• Lighting Analysis - Daylight systems• Lighting Analysis - Light Meter helper objects• Lighting Analysis - Compatible lights• Lighting Analysis - Analysis output• Rendering - Framebuffer improvements
Release Date	June 27 2008
Language	English Only

Backburner Version Readiness Training

Description	In this version readiness training video, we will explore the use of Backburner as a rendering system for Autodesk 3ds Max Design 2009. We will cover the following: <ul style="list-style-type: none">• Advantages of using Backburner• Installations and Setup• Job Submissions
Release Date	June 27 2008
Language	English Only

FBX Interoperability Version Readiness Training

Description	In this version readiness training video, we will explore fbx interoperability between Autodesk 3ds Max Design 2009 and Revit. We will cover the following: <ul style="list-style-type: none">• Exporting FBX from Revit• Importing FBX into 3ds Max• Revit specific columns in 'select by name'
Release Date	June 27 2008
Language	English Only



Autodesk® 3ds Max® Design 2009 - Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

New mental ray™ Features Version Readiness Training

Description	In this version readiness training video, we will explore new mental ray features now available in Autodesk 3ds Max Design 2009. We will cover the following: <ul style="list-style-type: none">• BSP2• Final Gather & Photon Maps• Object Properties for Final Gather & Caustics• A&D Render Elements• mental ray Production Shaders• mental ray Proxy Objects
Release Date	June 27 2008
Language	English Only

Various New Features Version Readiness Training

Description	In these version readiness training videos, we will explore multiple new features in Autodesk 3ds Max Design 2009. We will cover the following: <ul style="list-style-type: none">• Composite Materials• Import/Export• Pro Materials• Scene Explorer• The Steering Wheel• The View Cube
Release Date	June 27 2008
Language	English Only

Modeling & Texturing Features Version Readiness Training

Description	In these version readiness training videos, we will explore multiple new features in Autodesk 3ds Max Design 2009. We will cover the following: <ul style="list-style-type: none">• Soft Selection• Pelting & Relaxing Improvements• Spline Mapping
Release Date	June 27 2008
Language	English Only

Biped Features Version Readiness Training

Description	In this version readiness training video, we will explore new Biped features now available in Autodesk 3ds Max Design 2009. This is intended for users who want to learn about the new tools available in 3ds Max Design 2009. This introduction will provide you with some knowledge regarding how to use the tools so that you may concentrate on being creative and reduce the time spent learning these features or enhancements. We will cover the following: <ul style="list-style-type: none">• Biped Mirror Option• Working Pivot & Pick Pivot Rotation• Triangle Neck
Release Date	July 24, 2008
Language	English Only

3ds Max Design 2009: Fluid Effects Downloadable DVD

Description	Discover ways to create realistic 3D watery environments and effects. Topics include: <ul style="list-style-type: none">• Water Properties• Creating a Water Surface• Adding Waves• Object Interaction and Water Kinetics
Release Date	October 24, 2008
Language	English Only



Autodesk® 3ds Max® Design 2009 - Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

3dsMax Design 2009: Exploiting Proceduralism Downloadable DVD

Description	<p>Learn how to harness the power of a procedural workflow. In this presentation Bradon Davis demonstrates several examples for you to experiment with. This is intended for users who want to introduce a more flexible workflow into their pipeline. Proceduralism allows you a non-linear approach to editing data and simplifies complex relationships between data. With this eDVD, you will discover:</p> <ul style="list-style-type: none">• What is Proceduralism?• The Modifier Stack• Animation Controllers• Constraints• Ease & Multiplier Curves• Reaction Manager & Parameter Wiring
Release Date	October 24, 2008
Language	English Only

3dsMax Design 2009: Scripting a Base Plug-in (Part I-III) Video Podcast

Description	<p>Scripting a Base Plug-In – Part 1 This podcast will introduce the user to the basics of scripted plug-in creation using the built-in MAXScript language. This series of podcasts are presented by MAXScript Guru, Borislav 'Bobo' Petrov who works for the VFX studio known as Frantic Films. Duration: 22 min Size: 57 MB Level: Intermediate</p> <p>Scripting a Base Plug-In – Part 2 This podcast continues with the basics of scripted plug-in creation using the built-in MAXScript language. This series of podcasts are presented by MAXScript Guru, Borislav 'Bobo' Petrov who works for the VFX studio known as Frantic Films. Duration: 18 min Size: 55 MB Level: Intermediate</p> <p>Scripting a Base Plug-In – Part 3 This podcast continues with the basics of scripted plug-in creation using the built-in MAXScript language. This series of podcasts are presented by MAXScript Guru, Borislav 'Bobo' Petrov who works for the VFX studio known as Frantic Films. Duration: 19 min Size: 66 MB Level: Intermediate</p>
Release Date	October 24, 2008
Language	English Only



AUTODESK®
SUBSCRIPTION

Autodesk® AliasStudio™ - Product Downloads

At this time, there are no product downloads for AutoCAD LT

Autodesk® AliasStudio™ - Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Advanced Visualization Downloadable DVD

Description	With this DVD, you will explore: <ul style="list-style-type: none">• Software, Hardware Rendering, and Ambient Occlusion• Model Detailing and Normals/Surface Orientation• Shaders, Materials and Environments• Display and Export Window• Bookmarks, QTVR and Animation
Release Date	May 23, 2008
Language	English

Hardware Rendering Downloadable DVD

Description	With this DVD, you will explore: <ol style="list-style-type: none">1. The Essentials of Hardware Shading:<ul style="list-style-type: none">○ Introduction to the Interface of the Visualize Control Panel.○ For the remainder of the session, the nitty-gritty of the Advanced HardwareShading features is highlighted.2. The Essentials of Project Sketch:<ul style="list-style-type: none">○ How to map a label or image using 'ProjectSketch'○ Advantages using 'ProjectSketch'○ 'Canvas Shader' and its composition, and lastly . . .○ How to control the 'projected image on the surface3. How to map a label or image without a background:<ul style="list-style-type: none">○ One, by means of Luminance○ Two, by means of Transparency4. Layered Shader revisited:<ul style="list-style-type: none">○ How to create a new Layered Shader○ Advantages of the new Layered Shader○ Lastly, how to put it to use
Release Date	April 1, 2008
Language	English

Advanced Modeling and Surfacing Techniques

Description	<p>Like the real world, the virtual world too provides different ways to model form. This session takes a classic geometry representation, NURBS (Non-Uniform Rational B-Splines) and looks at it from the perspective of a sculptural material. As a technology, there are strengths and weaknesses, but as a material, the properties of the math become a part of the allure of the medium. Take a fascinating and intimate look at surface modeling and learn why this material has become an essential part of shape definition for all the automotive companies and the top product design firms in the world.</p> <p>With this DVD, you will explore:</p> <ul style="list-style-type: none">• Different ways to model form• Classic geometry representation• NURBS (Non-Uniform Rational B-Splines)• Sculptural material• Properties of the math• Surface modeling
Release Date	August 22, 2008
Language	English Only

Dynamic Shape Modeling Downloadable DVD

Description	Learn strategies and best practices for using these tools and how they can be most effectively put to use for global and local modification.
Release Date	December 11, 2008
Language	English Only



Autodesk® Impression® - Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Impression Basics e-Learning

Description	Getting Started This lesson describes the working environment and the types of interface elements that you must become familiar with to become proficient with the software.
	Appearance Styles In this lesson, you learn about appearance styles and how to create, modify, and reuse them between files. They enable you to apply custom line types, fills and effects to CAD geometry resulting in a complete visual transformation of the original geometry.
	Layer Styling In this lesson, you learn to apply layer styling to complete illustrations. Layer styling is the most powerful way to work with Impression.
	Area Styling In this lesson, you learn to apply a style to a closed area (or boundary) using the Area Fill tool.
	Using Blocks and Block Substitution Maps In this lesson, you learn to add stylized blocks to the Autodesk Impression canvas and how to substitute stylized blocks for CAD blocks that are imported into your illustration.
	Working with Drawings This lesson describes the process of importing CAD files into Autodesk Impression and how to update those files if the source CAD file has changed.
	Working with Layers Autodesk Impression can contain many different elements. The Layers palette provides a way that you can select and organize these elements, set their draw order, and view or apply affects.
Release Date	April 11, 2008
Language	English only

Working with Impression e-Learning

Description	Getting Started This lesson describes the working environment and the types of interface elements that you must become familiar with to become proficient with the software.
	Working with Drawings This lesson describes the process of importing CAD files into Autodesk Impression and how to update those files if the source CAD file has changed.
	Working with Layers Autodesk Impression can contain many different elements. The Layers palette provides a way that you can select and organize these elements, set their draw order, and view or apply affects.
Release Date	June 27 2008
Language	English only

Working with Styles e-Learning

Description	Layer Styling In this lesson, you learn to apply layer styling to complete illustrations. Layer styling is the most powerful way to work with Impression.
	Area Styling In this lesson, you learn to apply a style to a closed area (or boundary) using the Area Fill tool.
	Appearance Styles In this lesson, you learn about appearance styles and how to create, modify, and reuse them between files. They enable you to apply custom linetypes, fills and effects to CAD geometry resulting in a complete visual transformation of the original geometry.
Release Date	June 27 2008
Language	English only



Autodesk is a registered trademarks or trademarks of Autodesk, Inc., in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

AUTODESK®
SUBSCRIPTION

Autodesk® Impression® - Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Working with Blocks e-Learning

Description	Using Blocks and Block Substitution Maps In this lesson, you learn to add stylized blocks to the Autodesk Impression canvas and how to substitute stylized blocks for CAD blocks that are imported into your illustration.
Release Date	June 27 2008
Language	English only

Creating Impression Objects e-Learning

Description	The Toolbox In this lesson, you learn to create geometry and apply fills to geometry on the canvas Selection, Fill & Text Tools This lesson describes the different methods of selecting objects and applying fills to areas. It also demonstrates how to create and edit text within an Impression drawing. Navigation, Align & Match Tools This lesson illustrates the different methods of navigation within an Impression drawing.
Release Date	June 27 2008
Language	English only



Autodesk is a registered trademarks or trademarks of Autodesk, Inc., in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

© 2008 Autodesk, Inc. All rights reserved.

AUTODESK®
SUBSCRIPTION

Autodesk® Inventor® 2009 – Product Downloads

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Autodesk® Inventor® 2009 Subscription Bonus Pack

Description	<p>The Inventor® 2009 Subscription Bonus Pack provides many useful functionality enhancements to Inventor 2009:</p> <p>Drawing Manager Productivity Arranging dimensions has never been easier than with the Inventor Subscription Bonus Pack. With the addition of productivity tools such as Arrange Dimensions you can quickly and easily cleanup your dimensions with a few simple picks. Use this functionality in conjunction with Dimension Selection Filters and you can select all Model, Overridden or AutoCAD Dimensions from the Inventor drawing environment.</p> <p>Part Modeling Productivity The Part Modeling environment also received several productivity tools. Users can now create parameters on the fly through the edit dimension dialog without ever having to access the parameter dialog. This allows users to quickly set up design intent without leaving the sketching environment.</p> <p>Assembly Design Productivity The Bill of Materials (BOM) editor now allows for editing similar to that of Microsoft Excel. Users can now use Shift or Control for contiguous or non-contiguous selection. The addition of tools such as Copy/Paste, Capitalization, Find, and Replace are great time savers when working in the BOM.</p> <p>Conclusion Many of the productivity tools added to the drawing manager, part modeling, and assembly environments were recommendations directly from our Inventor subscription customers. We hope you will enjoy these new productivity tools found in the Autodesk Inventor 2009 Subscription Bonus Pack.</p>
Release Date	Sept 29, 2008
Language	English, French, Italian, German, Japanese, French, Korean



Autodesk, AutoCAD and Inventor are registered trademarks or trademarks of Autodesk, Inc., in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

© 2008 Autodesk, Inc. All rights reserved.

Autodesk® Inventor® 2009 - Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Autodesk Inventor 2009: Transitioning from Inventor 2008 to Inventor 2009 e-Learning

Description	<p>You can transition from Inventor 2008 to Inventor 2009 with ease by following this step-by-step e-Learning course. Accessible as a separate 32 lessons, this course will walk you through the latest features, one-by-one, so you will be up and running in no time with the latest versions. This course contains the following lessons:</p> <ul style="list-style-type: none">• ViewCube• SteeringWheels• Assembly Design Enhancements• Substitute Level of Detail• Content Center Save Copy As• Grip Snap• Custom Profile Authoring in the Frame Generator• Design Accelerator• O-Ring Generator• Shaft Generator• Part Modeling Enhancements• Sketch Geometry Editing and Importing• Sheet Metal Rules & Sheet Metal Enhancements• Creating and Editing Drawing Content• Punch Notes• Drawing Manager Configuration• Drawing Text• Publishing Designs• Studio Enhancements• Animating Lights• Local Lights• Soft Shadows• Video Producer and Multiple Cameras• File Translation Enhancements• Quality, Support, and Ownership Enhancements• Vault Add-In Enhancements• Self-Draining Pipe Routes• Cable and Harness• Dynamic Simulation Enhancements
Release Date	April 11, 2008
Language	English, French, Italian, Latin American Spanish, Korean, Russian

Autodesk Inventor 2009: Essentials - Getting Started with Inventor 2009 e-Learning

Description	<p>Autodesk Inventor 2009 Essentials: This e-Learning course describes the application interface introduces you the different file types (part, assembly, presentation, and drawing) you work with as you create and document your designs. Learn how to use of the various view manipulation tools in the modeling and drawing environments and the characteristics of parametric part models and the overall process of their creation.</p> <p>This e-Learning course includes the following lessons:</p> <ul style="list-style-type: none">• Autodesk Inventor User Interface• View Manipulation• Designing Parametric Parts
Release Date	May 23, 2008
Language	English, French, Italian, Latin American Spanish, Japanese, Korean, Simplified Chinese, Brazilian Portuguese, Russian

Autodesk Inventor 2009: Essentials - Basic Sketching Techniques e-Learning

Description	<p>Autodesk Inventor 2009 Essentials: Learn how to create 2D sketch geometry and how to apply constraints using sketch tools with Autodesk Inventor 2009.</p> <p>This e-Learning course includes the following lessons:</p> <ul style="list-style-type: none">• Creating 2D Sketches• Geometric Constraints• Dimensioning Sketches•
Release Date	May 23, 2008
Language	English, French, Italian, Latin American Spanish, Japanese, Korean, Simplified Chinese, Brazilian Portuguese, Russian



Autodesk® Inventor® 2009 - Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Autodesk Inventor 2009: Essentials - Detailed Shape Design e-Learning

Description	<p>Autodesk Inventor 2009 Essentials: Learn how to create both chamfers and fillets and how to create parametric hole features, how to mirror features, and how to reuse existing features in rectangular and circular patterns. This e-Learning course includes the following lessons:</p> <ul style="list-style-type: none">• Creating Chamfers and Fillets• Creating Holes and Threads• Patterning and Mirroring Features• Creating Thin-Walled Parts
Release Date	Each lesson can be accessed separately and each includes review, hands-on exercises and knowledge assessment tools. May 23, 2008
Language	English, French, Italian, Latin American Spanish, Japanese, Korean, Simplified Chinese, Brazilian Portuguese, Russian

Autodesk Inventor 2009: Essentials - Assembly Design Overview e-Learning

Description	<p>Autodesk Inventor 2009 Essentials: This e-Learning course will describe the assembly modeling process, the Autodesk Inventor assembly modeling environment, and recommended assembly design workflows. This e-Learning course includes the following lessons:</p> <ul style="list-style-type: none">• Designing Assemblies• Using Project Files in Assembly Designs
Release Date	Each lesson can be accessed separately and each includes review, hands-on exercises and knowledge assessment tools. May 23, 2008
Language	English, French, Italian, Latin American Spanish, Japanese, Korean, Simplified Chinese, Brazilian Portuguese, Russian

Basic Shape Design e-Learning

Description	<p>Autodesk Inventor 2009 Essentials: With this course, you will learn about basic sketched features and how to create them using the Extrude and Revolve tools and how to add design intelligence to sketches on your parts. Learn to create and use work planes, work axes, and work points to assist in creating geometry, placing constraints, and completing other modeling tasks.</p> <p>This e-Learning course includes the following lessons:</p> <ul style="list-style-type: none">• Creating Basic Sketched Features• Intermediate Sketching• Editing Parametric Parts• 3D Grip Editing• Creating Work Features• Creating Basic Swept Shapes
Release Date	Each lesson can be accessed separately and each includes review, hands-on exercises and knowledge assessment tools. May 23, 2008
Language	English, French, Italian, Latin American Spanish, Japanese, Korean, Simplified Chinese, Brazilian Portuguese, Russian

Autodesk Inventor 2009: Essentials - Placing, Creating, and Constraining Components e-Learning

Description	<p>Autodesk Inventor 2009 Essentials: Learn how to place components into an assembly, how to apply assembly constraints and how to apply, view, and edit them. Learn how to use existing content from the Content Center in your assembly designs.</p> <p>This e-Learning course includes the following lessons:</p> <ul style="list-style-type: none">• Placing Components in an Assembly• Constraining Components• Placing Standard Components Using the Content Center• Basic Part Design in an Assembly•
Release Date	Each lesson can be accessed separately and each includes review, hands-on exercises and knowledge assessment tools. May 23, 2008
Language	English, French, Italian, Latin American Spanish, Japanese, Korean, Simplified Chinese, Brazilian Portuguese, Russian



Autodesk® Inventor® 2009 - Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Autodesk Inventor 2009: Essentials - Interacting with an Assembly e-Learning

Description

Autodesk Inventor 2009 Essentials: This e-Learning course describes the main interface components, how to calculate physical properties, check for interferences, and drive constraints for simple motion. Learn how to create presentation files based on your assemblies.

This e-Learning course includes the following lessons:

- Identifying Parts in an Assembly
- Analysis and Motion Tools
- Presenting Your Assembly

Each lesson can be accessed separately and each includes review, hands-on exercises and knowledge assessment tools.

Release Date May 30, 2008

Language English, French, Italian, Latin American Spanish, Japanese, Korean, Simplified Chinese, Brazilian Portuguese, Russian

Autodesk Inventor 2009: Essentials - Basic View Creation e-Learning

Description

Autodesk Inventor 2009 Essentials: Learn how to create base and projected views of your part or assembly files and how to create section views of part and assembly drawings.

This e-Learning course includes the following lessons:

- Drawing Creation Environment
- Base and Projected Views
- Section Views
- Detail Views
- Crop View
- Managing Views

Each lesson can be accessed separately and each includes review, hands-on exercises and knowledge assessment tools.

Release Date May 30, 2008

Language English, French, Italian, Latin American Spanish, Japanese, Korean, Simplified Chinese, Brazilian Portuguese, Russian

Autodesk Inventor 2009: Essentials - Dimensions, Annotations, and Tables e-Learning

Description

Autodesk Inventor 2009 Essentials: Learn how to use modeling dimensions, how to manually apply them. Learn how to how to add centerlines, center marks, symbols, and leaders to your drawings.

This e-Learning course includes the following lessons:

- Automated Dimensioning Techniques
- Manual Dimensioning Techniques
- Annotating Holes and Threads
- Creating Centerlines, Symbols, and Leaders
- Revision Tables and Tags

Each lesson can be accessed separately and each includes review, hands-on exercises and knowledge assessment tools.

Release Date May 30, 2008

Language English, French, Italian, Latin American Spanish, Japanese, Korean, Simplified Chinese, Brazilian Portuguese, Russian

Autodesk Inventor 2009: Essentials - Annotating Assembly Drawings e-Learning

Description

Autodesk Inventor 2009 Essentials: Learn how to create and customize parts lists to document the components in your assembly and how to add balloons to your assembly drawings

This e-Learning course includes the following lessons:

- Assembly-centric Bill of Materials
- Creating and Customizing Parts Lists
- Creating Balloons

Each lesson can be accessed separately and each includes review, hands-on exercises and knowledge assessment tools.

Release Date May 30, 2008

Language English, French, Italian, Latin American Spanish, Japanese, Korean, Simplified Chinese, Brazilian Portuguese, Russian



Autodesk, AutoCAD and Inventor are registered trademarks or trademarks of Autodesk, Inc., in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

Autodesk® Inventor® 2009 - Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Autodesk Inventor 2009: Essentials - Drawing Standards and Resources e-Learning

Description	Autodesk Inventor 2009 Essentials: Learn how to use drafting standards to control the appearance of drawing features and how to use the various drawing resources that are available in the drawing environment. This e-Learning course includes the following lessons: <ul style="list-style-type: none">• Setting Drawing Standards• Drawing Resources Each lesson can be accessed separately and each includes review, hands-on exercises and knowledge assessment tools.
Release Date	May 30, 2008
Language	English, French, Italian, Latin American Spanish, Japanese, Korean, Simplified Chinese, Brazilian Portuguese, Russian

An Introduction to Programming in Inventor Video Tutorial

Description	The following resource is a self-paced video tutorial demonstrating how to get started developing with Autodesk Inventor. About the Presenter: Wayne Brill has been a member of the Autodesk DevTech team since 2000. He has worked for Autodesk since 1991. Currently, he supports the API's for the following products: Inventor, AutoCAD Mechanical, AutoCAD, AutoCAD OEM and Real DWG. Level: beginner Prerequisite: Familiarity with Autodesk Inventor and general programming concepts.
Release Date	June 27 2008
Language	English only

What's New in Inventor 2009 Part 1 Webcast

Description	This webcast provides a demonstration of new and exciting features in Autodesk Inventor 2009 and was created by our Inventor development team in Poland exclusively for Polish customers. Watch Inventor 2009 in action as Przemyslaw Sokolowski talks you through some great Inventor tools. Host: Przemyslaw Sokolowski Duration: 20 minutes Language: Polish File Format: WMV
Release Date	June 27 2008
Language	Polish

What's New in Inventor 2009 Part 2 Webcast

Description	This webcast is a continuation of What's New in Inventor 2009 Part 1 and provides a demonstration of new and exciting features in Autodesk Inventor 2009. Watch Inventor 2009 in action as Przemyslaw Sokolowski talks you through some great Inventor tools. Host: Przemyslaw Sokolowski Duration: 20 minutes Language: Polish File Format: WMV
Release Date	June 27 2008
Language	Polish



Autodesk MapGuide® 2009 – Product Downloads

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

FDO Provider for GE Smallworld

Description	Utility professionals see the “big picture”, improve efficiency and data quality, and reduce operational costs. Leveraging the proven FDO technology, Autodesk now offers GE Smallworld Utility customers an FDO Provider for GE Smallworld’s Version Managed Datastore (VMDS). Built in collaboration with Spatial Business Systems (SBS), www.spatialbiz.com , the new FDO Provider provides read only access to Smallworld data, allowing display, query and analysis in the 2009 versions of Autodesk products such as AutoCAD® Map 3D, Autodesk MapGuide® Enterprise, Autodesk® Utility Design and Autodesk® Topobase™.software
Release Date	August 22, 2008
Language	English Only

FDO Provider for Microsoft SQL Server 2008

Description	The open source FDO Provider for Microsoft® SQL Server™ 2008, developed by Autodesk and contributed to the Open Source Geospatial Foundation (OSGeo) allows customers to take advantage of Microsoft SQL Server 2008’s native support for spatial data. The new open source FDO Provider for SQL Server 2008 provides direct access (read and write) to spatial data within the SQL Server 2008 database for Autodesk products including AutoCAD® Map 3D, Autodesk MapGuide® Enterprise, Autodesk® Utility Design and Autodesk® Topobase™ software Please note: The documentation for this download (SQLServer2008.chm) will be installed into the default install directory C:\Autodesk\SQLServerSpatial2008.
Release Date	August 22, 2008
Language	English Only



AUTODESK®
SUBSCRIPTION

Autodesk MapGuide® 2009 - Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Autodesk MapGuide Enterprise Server and Studio 2009 e-Learning

Description	<p>Introduction to Autodesk MapGuide Server</p> <p>In this lesson, you are introduced to the concepts and structure of MapGuide Enterprise server and MapGuide Studio.</p> <p>After completing this course, you will be able to:</p> <ul style="list-style-type: none">• Describe the MapGuide Enterprise Server and Studio 2009 system.• Install and configure MapGuide Enterprise server in Windows.• Use MapGuide Studio to load data, build layers, create maps, and establish a web layout.• Create a basic web layout in MapGuide Studio.• Describe the components of the Flexible Layouts and how to customize the various components.• Describe FDO, Viewer, and Studio APIs.• Connect PHP Reports to a Web Layout.• Enhance MapGuide Server, Studio, and data performance.• Describe native Google Earth support
Release Date	July 24, 2008
Language	English Only



Autodesk and MapGuide are registered trademarks or trademarks of Autodesk, Inc., in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

© 2008 Autodesk, Inc. All rights reserved.

AUTODESK®
SUBSCRIPTION

Autodesk® Maya® 2008 – Product Downloads

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Extension 2 - Maya® Muscle toolset

Description	Autodesk Maya 2008 Extension 2 software gives artists enhanced creative control over polygon modeling and UV texturing, so that they can achieve superior results faster. Additionally, the recently released Maya® Muscle toolset has undergone enhancements that make it easier yet for animators and technical directors to achieve life-like skin motion. Like other Autodesk extension releases, Maya 2008 Extension 2 – available exclusively to Autodesk® Subscription customers with Gold support – enables those who have locked-down pipelines to apply the latest Maya functionality to their current projects.
Release Date	March 30, 2008
Language	English



Autodesk and Maya are registered trademarks or trademarks of Autodesk, Inc., in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

© 2008 Autodesk, Inc. All rights reserved.

Autodesk® Maya® 2008 - Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Advanced Character Rigging: Creating Dynamic Characters with Muscles, Tendons & More Downloadable DVD

Description	<p>You will learn how to create musculature for your characters that simulates sliding skin and flesh, while maintaining speed for animation. You will learn several tricks to create your own muscles, tendons, and more that do not require simulation and baking time. Starting from examining your forearm and hand, TJ will go in depth on the usage and explanation of weight painting to maximize your efficiency. From there, we will progress into advanced rigging including rigging with muscles, allowing for squash and stretch, writing custom expressions to account for various predictable anatomical phenomena and a variety of other advanced topics. These techniques have been utilized in several feature films and are based on a solid understanding of anatomy and Maya® software. You will learn alternatives to dynamic musculature solutions and leave with a variety of options.</p> <p>With this DVD, you will explore:</p> <ul style="list-style-type: none">• Toggle Hotkeys, Expressions• Joints and Local Rotation Axis Setup• Weight Painting, Muscle Influence Objects• Soft Modification and Clusters• Setup for Animation• Tendons
Release Date	May 1, 2008
Language	English

Photographing a Car without the Car Downloadable DVD

Description	<p>With this DVD, you will explore:</p> <ul style="list-style-type: none">• A Real Photo Shoot of a Car• The Quality of Computer Generated Models• HDRI (High Dynamic Range Images)• Tone Mapping• HDRI Cameras & Lightfields• Spheron Technology
Release Date	April 1, 2008
Language	English

Quadruped Animation Friendly Rigging Part I Downloadable DVD

Description	<p>With this DVD, you will explore:</p> <ul style="list-style-type: none">• The use of utility nodes• The Master/Slave setup• How to rig an IK/FK spine of your quadruped• How to rig the neck and head of your quadruped• Setup of controllers• the concept of a movable pivot
Release Date	Feb 1, 2008
Language	English

Quadruped Animation Friendly Rigging Part II Downloadable DVD

Description	<p>Learn to create and set up both the front and back legs for a quadruped and learn how to use the reverse foot lock setup and pivot change system for absolute freedom to control the foot. Create efficient, fast animations with minimal amount of work and learn to rig a quadruped creature from an industry professional</p> <p>With this DVD, you will explore:</p> <ul style="list-style-type: none">• Reverse Foot Lock• Front Leg, Back Leg• New Pivot System• Head, Tail• Lag Setup
-------------	---

Autodesk® Maya® 2008 - Training

Release Date	March 1, 2008
Language	English

Quadruped Animation Friendly Rigging Part III Downloadable DVD

Description	In this session, we recreate the quadruped rig completed in the previous two sessions using MEL scripts and procedures. After this session, the entire rig creation can be automated with the touch of a button.
Release Date	June 27 2008
Language	English only

API Overview Downloadable DVD

Description	Get under the hood of Autodesk Maya with this API Overview. Learn about the Maya API as well as the C++, MEL, and Python languages. Topics include:: <ul style="list-style-type: none">• Scripting vs. API• MEL / Python cross calls• C++ vs. Python• Maya API Basics• Plug-in principles• Working with nodes
Release Date	May 30, 2008
Language	English

Anaglyph Stereoscopy Techniques Downloadable DVD

Description	This presentation covers the theory and practice of furthering the illusion of 3D by using stereoscopic techniques. Please note that although parts of this presentation are conducted in 3dsMax, these techniques may be applied in Maya as well. With this DVD, you will explore: <ul style="list-style-type: none">• Depth perception• Rules for efficiency• Easy camera setup• True camera setup• Combining the eyes• Compositing with Combustion
Release Date	August 22, 2008
Language	English Only

Biomedical Animation Downloadable DVD

Description	Learn about approaches to visualizing various biomedical topics. This session explores the methodology of using the Maya® particle system in rigging and animating an enveloped virus, such as HIV, as it invades a host cell. Using Maya hair capabilities in a non-traditional way, we rig and animate flagella on a bacterium, such as E. coli, in a naturalistic, dynamic, and convincing fashion. The environment that these bacteria and viruses occupy can be composed of complex, interwoven organic mesh-like fibers; modeling them by hand can be tedious and challenging. Discover ways to let a particle system dynamically generate the components of these structures. By learning these techniques, computer graphics artists can be inspired to create more accurate, compelling, and believable representations of the many worlds of biology.
Release Date	October 24, 2008
Language	English Only

Autodesk® Maya® 2008 - Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Modeling

Model and Sculpt a Hand I

Description	Modeling and sculpting a realistic hand using Maya and Mudbox.
Release Date	June 11, 2008
Language	English only

Model and Sculpt a Hand II

Description	Continuing modeling and sculpting a hand using Mudbox (15:00 135MB) Level: Intermediate Includes: documentation (PDF) and scene file (ZIP)
Release Date	July 24, 2008
Language	English only

Model and Sculpt a Hand III

Description	Continue detailing the hand and preparing for deformations with Mudbox and Maya. Level: Intermediate Includes: documentation (PDF) and scene file (ZIP)
Release Date	October 24, 2008
Language	English only

Model and Sculpt a Hand IV

Description	Continue detailing the hand and preparing for deformations with Mudbox and Maya. Level: Intermediate Includes: documentation (PDF) and scene file (ZIP)
Release Date	October 24, 2008
Language	English only

How to Model an Eyeball Quickly

Description	Learn how to create a natural looking eyeball using geometry instead of texture ramps.
Release Date	July 24, 2008
Language	English only

Rigging and Animation

Arm Rigging Part I Video Podcast

Description	A top down approach applied to rigging a characters arm.
Release Date	June 18, 2008
Language	English only

Arm Rigging II Video Podcast

Description	This podcast continues from part 1 with a dissection of the arm rig build scripts and the creation of the hand joints (16:00 110MB) Level: Intermediate Includes: Download documentation (PDF) and Download scene file (ZIP)
Release Date	July 23, 2008
Language	English Only

Arm Rigging III Video Podcast

Description	This podcast continues from part 2 with a focus on weighting the arm. Level: Intermediate Includes: Download documentation (PDF) and Download scene file (ZIP)
Release Date	October 24, 2008
Language	English Only



Autodesk® Maya® 2008 - Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Arm Rigging IV Video Podcast

Description	Create an MPxCommand plug-in to extract the difference between sculpted corrective shapes and base skinning. Level: Intermediate Includes: Download documentation (PDF) and Download scene file (ZIP)
Release Date	October 24, 2008
Language	English Only

Creating a Character Foot Rig Video Podcast

Description	Learn a useful technique to control a foot rig with a reverse foot lock. Solve the problem of the ankle joint moving away from the controller when using rolls and twists.
Release Date	May 30, 2008
Language	English

Soft Mod in Animation Video Podcast

Description	Learn how to make use of the powerful blendshape and softMod tools to create an animation setup (12:00 43MB) Includes Download documentation (PDF) Includes Download scene file (ZIP)
Release Date	March 5, 2008
Language	English

Sphere of Influence Video Podcast

Description	Use distance nodes to create automated setups. Use a sphere of influence to drive automated setups in parts of a character rig. (13:00 39MB) Level: Advanced Includes Download documentation (PDF) Includes Download scene file (ZIP)
Release Date	April 2, 2008
Language	English

A Tribute to Attributes Video Podcast

Description	Experiment with attributes beyond simply replacing values. Level: Advanced Includes: Download documentation (PDF) and Download scene file (ZIP)
Release Date	October 24, 2008
Language	English Only

Dynamics

Fluids Cache Video Podcast

Description	Modifying the start frame of a fluids cache. (4:00 13MB) Includes Download documentation (PDF) Includes Download scene file (ZIP)
Release Date	February 13, 2008
Language	English

Particle Goal Video Podcast

Description	Using particle goals to create spring constraints (8:00 24MB) Includes Download documentation (PDF) Includes Download scene file (ZIP)
Release Date	February 20, 2008
Language	English



AUTODESK®
SUBSCRIPTION

Autodesk® Maya® 2008 - Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Flame Demo Video Podcast

Description	Using 3d fluids and an emitter, we'll learn step by step how to create a dynamic flame (8:00 23MB) Includes Download documentation (PDF)
Release Date	February 27, 2008
Language	English

Sublimating Objects I Video Podcast

Description	Sublimate an object using advanced particles, nucleus and dynamics. Part I (13:00 38MB) Includes Download documentation (PDF) Includes Download scene file (ZIP)
Release Date	March 19, 2008
Language	English

Sublimating Objects Part II Video Podcast

Description	Sublimate an object using advanced particles, nucleus and dynamics. Part II (12:00 55MB) Level: Advanced Includes Download documentation (PDF) Includes Download scene file (ZIP)
Release Date	April 16, 2008
Language	English

goalU and goalV Video Podcast

Description	Learn to use goalU and goalV attributes to guide particle direction on a NURBS surface. (09:00 26MB) Includes Download documentation (PDF) Includes Download scene file (ZIP)
Release Date	March 12, 2008
Language	English

Particle Color Inheritance Part I Video Podcast

Description	Experiment with color inheritance for particles emitted from a surface.
Release Date	June 25 2008
Language	English only

Particle Color Inheritance II Video Podcast

Description	An alternative approach to coloring particles using collision tracking (21:00 73MB) Level: Intermediate Includes: documentation (PDF) and scene file (ZIP)
Release Date	July 24, 2008
Language	English only

The Creation Cannon Video Podcast

Description	See an approach of using particle dynamics as a modeling tool (11:00 33MB) Level: Intermediate Includes: Download documentation (PDF) and Download scene file (ZIP)
Release Date	July 30, 2008
Language	English Only

Trouble Shooting Dynamics Video Podcast

Description	Learn to troubleshoot a mixed dynamics environment. Includes documentation & scene file. Duration: 13:00 Size: 38 MB
Release Date	October 27, 2008
Language	English Only



Autodesk and Maya are registered trademarks or trademarks of Autodesk, Inc., in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

© 2008 Autodesk, Inc. All rights reserved.

Autodesk® Maya® 2008 - Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Rendering

Lock to Camera Video Podcast

Description	How to lock objects to the camera even when changing the focal length (10:00 31MB) Includes Download documentation (PDF) Includes Download scene file (ZIP)
Release Date	February 6, 2008
Language	English

Comparing Nodes Video Podcast

Description	Learn an efficient way to problem solve node discrepancies in Maya. (09:00 29MB) Includes Download documentation (PDF)
Release Date	March 26, 2008
Language	English

Environment Blur Video Podcast

Description	How to use mia_envblur shader (08:00 23MB) Level: Intermediate Includes Download documentation (PDF) Includes Download scene file (ZIP)
Release Date	April 9, 2008
Language	English

Camera Control Video Podcast

Description	Tips to follow/lock, release and animate a camera to an object while on a motion path. Keep the translate and rotates of the camera free to create a more dynamic camera movement.
Release Date	May 30, 2008
Language	English

Scripting

Gradient Control Video Podcast

Description	Creating advanced gradient control GUIs for additional curve control. (11:00 32MB) Level: Intermediate Includes Download documentation (PDF) Includes Download scene file (ZIP)
Release Date	April 23, 2008
Language	English

Maya Makeover Part I Video Podcast

Description	Learn to give the Maya UI a custom make-over using MEL scripting. <ul style="list-style-type: none">• 12 minutes• 46MB• Level: Intermediate• Includes Download documentation (PDF)
Release Date	May 1, 2008
Language	English



Autodesk® Maya® 2008 - Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Maya Makeover Part II Video Podcast

Description	In Part 1 of The Mind-blowing MEL Script Maya Makeover we saw that we can add things to the Maya interface. In Part II we will explore how to remove parts of the interface. <ul style="list-style-type: none">• 10 minutes• 31MB• Download documentation (PDF)• Download scene file (ZIP)
Release Date	May 21, 2008
Language	English

API & Game Dev I Video Podcast

Description	An introduction to using the Maya Application Programming Interface (API) for game development (18:00 28MB) Level: Intermediate Includes documentation and scene file.
Release Date	August 22, 2008
Language	English Only

API and Game Development Part II Video Podcast

Description	Enter the API and write your first Python program - a mesh extractor. Level: Intermediate Includes documentation and scene file.
Release Date	October 24, 2008
Language	English Only

API and Game Development Part III Video Podcast

Description	Write your own custom Maya exporter, including pickle for serialization, plugin writing basics, and MPxCommand and an MPxFileTranslator. Level: Intermediate Includes documentation and scene file.
Release Date	October 24, 2008
Language	English Only



AUTODESK®
SUBSCRIPTION

Autodesk® Maya® 2009 – Product Downloads

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Extension 2 - Maya® Muscle toolset

Description	Autodesk Maya 2008 Extension 2 software gives artists enhanced creative control over polygon modeling and UV texturing, so that they can achieve superior results faster. Additionally, the recently released Maya® Muscle toolset has undergone enhancements that make it easier yet for animators and technical directors to achieve life-like skin motion. Like other Autodesk extension releases, Maya 2008 Extension 2 – available exclusively to Autodesk® Subscription customers with Gold support – enables those who have locked-down pipelines to apply the latest Maya functionality to their current projects.
Release Date	March 30, 2008
Language	English

Product Downloads

Description	<p>The new and improved Subscription Center also brings electronic product downloads to M&E customers. New products available on-demand include:</p> <ul style="list-style-type: none">– Autodesk® Maya® Complete– Autodesk® Maya® Unlimited– Autodesk® MotionBuilder®– Autodesk® Mudbox™– mental ray® 32– mental ray® 64– Autodesk® Toxik™
Release Date	Sept 29, 2008
Language	English



Autodesk and Maya are registered trademarks or trademarks of Autodesk, Inc., in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

© 2008 Autodesk, Inc. All rights reserved.

Autodesk® Maya® 2009 - Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#)

Autodesk Maya 2009: Version Readiness Video Podcasts

Description	Learn about the latest version of Autodesk Maya software with these video podcasts: <ul style="list-style-type: none">• Modeling and Texturing - Explore new modeling and texturing tools in the latest version of Maya.• Muscle Creator - Explore the new muscle creator tool for character rigging.• Maya Assets - Explore the new Maya assets tool.• Animation Layers - Explore the new animation layers tool.• nParticles - Explore the new nParticles tool.• Render Passes - Explore the new render passes tool.• Render Passes: Pass Contribution Map - Further explore render passes with the pass contribution map feature.
Release Date	October 27, 2008
Language	English Only

Autodesk Maya 2009: Interview with Javier Solsona Video Podcast

Description	An interview with Javier Solsona. Javier gives insights into working as a character technical director the field of 3D.
Release Date	October 27, 2008
Language	English Only

Autodesk Maya 2009: Rendering > Make Your Movie 1 Video Podcast

Description	Fundamentals of Cinematography.
Release Date	December 11, 2008
Language	English Only

Autodesk Maya 2009: Rigging and Animation > Smart Kinematics Downloadable DVD

Description	Learn to use IK and FK at the same time
Release Date	December 11, 2008
Language	English Only

Autodesk Maya 2009: Modeling > Model and Sculpt a Hand V Video Podcast

Description	Incorporate blendShapes to be used in conjunction with the joint rig.
Release Date	December 11, 2008
Language	English Only

Autodesk Maya 2009: Dynamics > nCloth as Particles Video Podcast

Description	Working with nCloth as Particles. An unofficial way to work with Maya for extra functionality.
Release Date	December 11, 2008
Language	English Only

Autodesk Maya 2009: Interviews > Interview with Cathy McGinnis Video Podcast

Description	In this interview, veteran render artist Cathy McGinnis cites sources of inspiration and reference for rendering in 3D. This interview was conducted after Cathy's Siggraph masterclass presentation on optimizing renders with mental ray.
Release Date	December 11, 2008
Language	English Only

Autodesk Maya 2009: Rendering > Photo Simulators Toolkit Downloadable DVD

Description	Create convincing and accurate blends of 3D and real-world photography.
Release Date	December 11, 2008
Language	English Only

Autodesk Maya 2009: Rigging and Animation > Arm Rigging V Video Podcast

Description	Continue rigging the arm by adding corrective shapes.
Release Date	December 11, 2008
Language	English Only



Autodesk® MotionBuilder® 7.5 – Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Python Scripting for MotionBuilder Artists Downloadable DVD

Description Intended for intermediate scripters, Python® scripting in Autodesk® MotionBuilder™ software enables users to automate almost any task. MotionBuilder gives the Python user access hundreds of new classes specifically coded to control MotionBuilder elements. This course aims to illuminate the pitfalls and provide examples and sample code to enable users to write their own scripts tailored to their own workflow.

With this DVD, you will explore:

- Create objects
- Rename objects
- Transform objects
- Plot animation
- Do rigging
- Clean up

Release Date September, 2008
Language English Only

Advanced Facial Rigging Downloadable DVD

Description This presentation covers the end to end process of preparing and rigging a character for facial animation with MotionBuilder. Intended for intermediate scripters. Python® scripting in Autodesk® MotionBuilder™ software enables users to automate almost any task.

With this DVD, you will explore:

- Facial animation controls
- Facial rigging with joints
- Painting weights
- Animation workflow
- Voice analysis
- Animating the eyes

Release Date October 24, 2008
Language English, Korea



Autodesk® MotionBuilder® 2009 – Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Autodesk MotionBuilder 2009: Foundation Downloadable DVD

Description	<p>This learning tool explores additional techniques and workflows for animating and previsualization in Autodesk MotionBuilder. Build loopable walk cycles from existing animation, and combine various clips of animation to make one seamless clip. Learn about basic constraints and then use the relations constraint to build procedural animation. Work with motion capture data, lip syncing and other challenging animation concepts. You'll also understand how Autodesk MotionBuilder fits into your production pipeline. This learning tool also includes a library of Motion Capture moves courtesy of Red Eye Studio valued at over \$600 US to allow you to master the concepts you've learned.</p> <p>With this DVD, you will explore:</p> <ul style="list-style-type: none">• Creating Looping Clips• Blending Motion Using the Story Tool• Use Layers to Modify Existing Animation• Introduction to Constraints• The Relation Constraint• haracterization• Using the Voice Device• Using the Actor Face Asset• Using the Story Tool for Previsualization• Using MotionBuilder with Other Applications• Apply and Correct Motion Capture Data on to a Character• Use the Ragdoll and Physics Solver to Modify Existing Animation
Release Date	December 11, 2008
Language	English

Python Scripting for MotionBuilder Artists Downloadable DVD

Description	<p>Intended for intermediate scripters, Python® scripting in Autodesk® MotionBuilder™ software enables users to automate almost any task. MotionBuilder gives the Python user access hundreds of new classes specifically coded to control MotionBuilder elements. This course aims to illuminate the pitfalls and provide examples and sample code to enable users to write their own scripts tailored to their own workflow.</p> <p>With this DVD, you will explore:</p> <ul style="list-style-type: none">• Create objects• Rename objects• Transform objects• Plot animation• Do rigging• Clean up
Release Date	September, 2008
Language	English Only

Advanced Facial Rigging Downloadable DVD

Description	<p>This presentation covers the end to end process of preparing and rigging a character for facial animation with MotionBuilder. Intended for intermediate scripters. Python® scripting in Autodesk® MotionBuilder™ software enables users to automate almost any task.</p> <p>With this DVD, you will explore:</p> <ul style="list-style-type: none">• Facial animation controls• Facial rigging with joints• Painting weights
-------------	---



Autodesk and Maya are registered trademarks or trademarks of Autodesk, Inc., in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

AUTODESK®
SUBSCRIPTION

Autodesk® MotionBuilder® 2009 – Training

- Animation workflow
- Voice analysis
- Animating the eyes

Release Date	October 24, 2008
Language	English, Korea



Autodesk and Maya are registered trademarks or trademarks of Autodesk, Inc., in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

© 2008 Autodesk, Inc. All rights reserved.

Autodesk® NavisWorks® 2009 – Product Downloads

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Object Enablers Technical Note for Autodesk NavisWorks 2009 (White Paper)

Description	This document answers general questions pertaining to Object Enablers and specifically their use with Autodesk® NavisWorks® 2009 solutions (including Autodesk® NavisWorks® Review, Autodesk® NavisWorks® Simulate and Autodesk® NavisWorks® Manage).
Release Date	July 24, 2008
Language	English Only

64-bit DWG Reader for Autodesk NavisWorks 2009

Description	Autodesk® NavisWorks® Manage 2009, Autodesk NavisWorks Simulate 2009 and Autodesk NavisWorks Review 2009 software are 32-bit applications that can be installed and licensed on a 64-bit operating system. This extension installs a file reader that offers DWG support for 32-bit NavisWorks Manage 2009, NavisWorks Simulate 2009 and NavisWorks Review 2009 when installed on a 64-bit operating system.
Release Date	Sept 21, 2008
Language	English Only

2004 DWG Object Enabler Extension for Autodesk NavisWorks 2009.1 software

Description	Autodesk® NavisWorks® Manage 2009, Autodesk® NavisWorks® Simulate 2009 and Autodesk® NavisWorks® Review 2009 did not include support for 2004 DWG™ object enablers. Having received feedback from our customers, we are aware that this caused problems for users working with older versions of AutoCAD®. This extension will address object enabler compatibility issues for DWGs created in AutoCAD® 2004, 2005 and 2006. The extension is compatible with 2009.1 versions of Autodesk NavisWorks Manage, Autodesk NavisWorks Simulate and Autodesk Navisworks Review.
Release Date	November 3, 2008
Language	English Only



AUTODESK®

SUBSCRIPTION

Autodesk® NavisWorks® 2009 - Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#)

NavisWorks 2009 Review: Project Review e-Learning

Description	<p>Working with Files in NavisWorks This lesson describes how to work with files in NavisWorks.</p> <p>Using Navigation Tools This lesson describes how to use NavisWorks navigation tools.</p> <p>Working with Objects and Selection Sets This lesson describes how to work with objects and selection sets in NavisWorks.</p> <p>Measuring, Moving and Manipulating Objects This lesson describes how to measure, move, and manipulate objects in a building model.</p> <p>Working with Viewpoints and Redline Tools This lesson describes how to work with viewpoints and redline tools.</p>
Release Date	October 27, 2008
Language	English Only

NavisWorks 2009 Simulate: Animate, 4D Simulations and Project Presentations e-Learning

Description	<p>Working with Files in NavisWorks This lesson describes how to work with files in NavisWorks.</p> <p>Using Navigation Tools This lesson describes how to use NavisWorks navigation tools.</p> <p>Working with Objects and Selection Sets This lesson describes how to work with objects and selection sets in NavisWorks.</p> <p>Measuring, Moving and Manipulating Objects This lesson describes how to measure, move, and manipulate objects in a building model.</p> <p>Object Manipulation toolbar. The lesson concludes with an exercise on measuring, moving, and manipulating objects.</p> <p>Working with Viewpoints and Redline Tools This lesson describes how to work with viewpoints and redline tools.</p> <p>Using TimeLiner This lesson describes how to use TimeLiner to link an external scheduling project file and create a simulation of the construction process of a building model.</p> <p>Working with Animator This lesson describes how to use Animator to create and play basic animations.</p> <p>Working with Scripts, Events and Actions This lesson describes how to work with scripts, events, and actions to create interactivity in a model.</p> <p>Working with Presenter Materials This lesson describes how to apply materials and edit them in a model.</p> <p>Adding Lighting Effects to the Model This lesson describes how to add and edit lighting effects in a model.</p> <p>Adding Effects and RPC This lesson describes how to add background and environment effects and Rich Photorealistic Content (RPC) to a model.</p> <p>Exporting Rendered Images and Animations This lesson describes how to export rendered images and animations.</p>
Release Date	October 27, 2008
Language	English Only



Autodesk and NavisWorks are registered trademarks or trademarks of Autodesk, Inc., in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

© 2008 Autodesk, Inc. All rights reserved.

Autodesk® NavisWorks® 2009 - Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#)

NavisWorks 2009 Manage: Effective Project 3D Coordination and Analysis e-Learning

Description	<p>Working with Files in NavisWorks This lesson describes how to work with files in NavisWorks.</p> <p>Using Navigation Tools This lesson describes how to use NavisWorks navigation tools.</p> <p>Working with Objects and Selection Sets This lesson describes how to work with objects and selection sets in NavisWorks.</p> <p>Measuring, Moving and Manipulating Objects This lesson describes how to measure, move, and manipulate objects in a building model.</p> <p>Working with Viewpoints and Redline Tools This lesson describes how to work with viewpoints and redline tools.</p> <p>Using TimeLiner This lesson describes how to use TimeLiner to link an external scheduling project file and create a simulation of the construction process of a building model.</p> <p>Working with Animator This lesson describes how to use Animator to create and play basic animations.</p> <p>Working with Scripts, Events and Actions This lesson describes how to work with scripts, events, and actions to create interactivity in a model.</p> <p>Working with Presenter Materials This lesson describes how to apply materials and edit them in a model.</p> <p>Adding Lighting Effects to the Model This lesson describes how to add and edit lighting effects in a model.</p> <p>Adding Effects and RPC This lesson describes how to add background and environment effects and Rich Photorealistic Content (RPC) to a model.</p> <p>Exporting Rendered Images and Animations This lesson describes how to export rendered images and animations.</p> <p>Conducting Clash Tests This lesson describes how to conduct clash tests.</p> <p>Working with Clash Test Results This lesson describes how to work with clash test results.</p>
Release Date	October 27, 2008
Language	English Only



Autodesk® Opticore™ Studio 2009 - Product Downloads

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Autodesk® Opticore™ Studio 2009 R1

Description	<p>Autodesk® Opticore™ Studio combines an extensive VR toolkit for real time visualization, with the power of Autodesk RapidRT for real time ray tracing and real time global illumination. Targeting real time <i>Immersive-Interactive visualization with high Visual Reliability</i>, Opticore Studio Professional provides the most powerful solution for <i>Engineering and Manufacturing high end visualization use cases</i>.</p> <p>Autodesk® Opticore™ Studio Professional 2009 R1 is an extension release providing new and enhanced functionality, including:</p> <p>Free integrated Ray Tracing rendering support</p> <p>Utilizing all Processor Cores available on the local machine for Real Time Ray Tracing (RTRT) without additional cost</p> <p>Enhanced Real Time Ray Tracing and Global Illumination</p> <p>Only checking out RTRT Cluster licensing when being used, releasing the license for other users when disabling a RTRT cluster session. Allowing for enhanced sharing of RTRT hardware for real time and off line rendering.</p> <p>Close to linear scalability of Ambient Occlusion on multi-core/cluster setups</p> <p>Range control for Ambient Occlusion shadows</p> <p>Possibility to use RTRT cluster setup together with Opticore Studio Professional Cluster for multi machine display</p> <p>Preview of Autodesk RapidRT, next generation ray tracing solution based on the Opticore RTRT solution</p> <p>Per frame progressivity refinement of in-viewport rendering result</p> <p>Automatic detection of dynamic objects providing enhanced performance for animations and interaction</p> <p>Stereo and Multiview support</p> <p>Catia v4 and UGNX Importer Options</p> <p>Providing commercial add-ons for reading native Catia v4 and UGNX data via DirectConnect</p>
Release Date	November 20, 2008
Language	English

Autodesk® Productstream® 2009 – Product Downloads

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Access Control Manager

Description	Access Control Manager is the firewall for your file system. It safeguards your company's know-how against unauthorized access. <ul style="list-style-type: none">• The proven method to store data remains intact. All documents are stored on jointly used file servers and are accessed directly by the users.• Granted permissions in Productstream Professional apply in the Windows domains. The extension synchronizes permissions with the Productstream Professional permissions management at file system level (Windows domains)• Any information, the user is not able to access in Productstream Professional cannot be accessed anywhere else either.
Release Date	June 27 2008
Language	English, French, German, Italian and Spanish

Autodesk Productstream Professional Webserver 2009

Description	Autodesk Productstream Professional Webserver improves collaboration by providing earlier access to design data with fully functional web-based client access.
Release Date	July 24, 2008
Language	English, French, Italian, German, Spanish

Autodesk Data Exchange 2009

Description	Autodesk Data exchange enables project-based interoperability with outsourced vendors using Autodesk Vault.
Release Date	July 24, 2008
Language	English, French, Italian, German, Spanish



AUTODESK®
SUBSCRIPTION

Autodesk® Productstream® 2009 - Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Working with Autodesk® Productstream® 2009 e-Learning

Description	<p>Creating Items In this lesson, you learn to create, modify, and delete items, use filters to view items, add and remove file attachments, and export the item master to Excel.</p> <p>Working with Items In this lesson, you learn to create, modify, and delete custom views, use filters to view items, and find items.</p> <p>Bills of Materials In this lesson, you learn how to manage and use bills of materials (BOMs).</p> <p>Synchronizing Your Workspace In this lesson, you learn how to synchronize your local working folder with the files in the vault.</p>
Release Date	May 30, 2008
Language	English



Autodesk and Productstream are registered trademarks or trademarks of Autodesk, Inc., in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

© 2008 Autodesk, Inc. All rights reserved.

AUTODESK®
SUBSCRIPTION

Autodesk® Robot™ Structural Analysis 2009 – Product Downloads

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Robot™ Extensions for Autodesk Robot Structural Analysis 2009 software

Description	<p>Robot™ Extensions are a series of easy-to-use applications that extend the capabilities of Autodesk® Robot™ Structural Analysis 2009 and Autodesk® Robot™ Structural Analysis Professional 2009 software in key areas, including analysis and structural design. Robot Extensions provide structural engineers with even more flexibility to achieve their results.</p> <p>Robot Extensions - Spreadsheet Calculator</p> <p>Spreadsheet Calculator, formally known as Robobat ESOP software, enables the engineer to run calculations or link analysis results into a customizable spreadsheets environment for post-processing. Users can integrate existing spreadsheets into this application or create new applications. Simple tools allow the user to extract a large range of data from Autodesk Robot Structural Analysis 2009 or Autodesk Robot Structural Analysis Professional 2009 software.</p>
Release Date	October 21, 2008
Language	English, French, Spanish, Russian, Polish



Autodesk and Robot are registered trademarks or trademarks of Autodesk, Inc., in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

© 2008 Autodesk, Inc. All rights reserved.

AUTODESK®
SUBSCRIPTION

Autodesk® Robot™ Structural Analysis Professional 2009 – Product Downloads

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Robot™ Extensions for Autodesk Robot Structural Analysis 2009 software

Description

Robot™ Extensions are a series of easy-to-use applications that extend the capabilities of Autodesk® Robot™ Structural Analysis 2009 and Autodesk® Robot™ Structural Analysis Professional 2009 software in key areas, including analysis and structural design. Robot Extensions provide structural engineers with even more flexibility to achieve their results.

Robot Extensions - Spreadsheet Calculator

Spreadsheet Calculator, formally known as Robobat ESOP software, enables the engineer to run calculations or link analysis results into a customizable spreadsheets environment for post-processing. Users can integrate existing spreadsheets into this application or create new applications. Simple tools allow the user to extract a large range of data from Autodesk Robot Structural Analysis 2009 or Autodesk Robot Structural Analysis Professional 2009 software.

Release Date

October 21, 2008

Language

English, French, Spanish, Russian, Polish



Autodesk and Robot are registered trademarks or trademarks of Autodesk, Inc., in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

© 2008 Autodesk, Inc. All rights reserved.

Autodesk® Showcase® - Product Downloads

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#) .

Autodesk Showcase 2009 R1

Description	<p>Integrated raytracing Every Showcase product is now shipped with the new integrated raytracing, which uses all cores of the system for a highly integrated solution including global illumination. The optional use of pre-calculated shadows or ray-traced shadows together with a seamless switch between hardware and software rendering gives full control over real-time performance and visualization quality.</p> <p>Enhanced material library Hundreds of new materials that are fully editable are now included in the extended material library.</p> <p>Material library management Create, edit, rename, delete your own materials or material categories and share your customized material libraries with other users.</p> <p>Enhanced Environment library Showcase now comes with new environments, suited to smaller objects.</p> <p>Environment library management Create, edit, rename or delete your own environments and share your customized environment libraries with other users .</p> <p>Simplified Environment creation One click solution from a HDRI to a Showcase environment, having full control over backdrop images, backdrop geometry and all lighting maps without leaving Showcase.</p> <p>Integrated unit system This enhancement offers an intuitive input for transform manipulations including the unit (ft, m, cm...etc.) and provides the right scaling for imported models that had been created in different scales.</p> <p>New transform manipulator The Showcase transform manipulator now supports a scaling and additionally gives you control over the pivot point.</p> <p>FBX I/O enhancements FBX import had been added to showcase and with Showcase Professional it is now possible to retrieve the animation information of FBX files.</p> <p>PSD file format (OpenGL) Showcase is now able to save images in PSD format, which contains separated layers for the object and the background.</p>
Release Date	November 20, 2008
Language	English

Autodesk® Topobase™ 2009 – Product Downloads

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#)

Autodesk Topobase Client 2009 Bonus Pack – Point Coordinate Import/Export Tool

Description The Topobase client bonus pack includes a "point coordinate import/export" tool providing the ability to exchange point data between Topobase Client and an ASCII file, while maintaining configuration information and full support for Topobase models.

Coordinate Import

Use Coordinate Import to import point coordinates from ASCII files into your Topobase document. The coordinate files can either store the coordinates in columns of a fixed width, such as Topobase K-Files, or in character separated values, such as GEOS4 files.

Coordinate Export

Use Coordinate Export to export point coordinates from a Topobase document into a text file. You can export coordinates into (*.GSI) files, or any generic file format.

Release Date November 26, 2008

Language English

Autodesk Topobase Web 2009 Bonus Pack – Parameterized Web Requests

Description The Topobase 2009 Web Bonus Pack provides the ability to pass login, navigation and redline/markup information for a Topobase Web application via URL parameters (attached to the website URL).

Release Date November 26, 2008

Language English



AUTODESK®
SUBSCRIPTION

Autodesk® Vault 2009 - Product Downloads

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Autodesk Vault 2009 Software Download

Description	<p>For customers in the manufacturing, media, building and civil engineering industries Autodesk® Vault securely stores all versions of design documents in a single location so users can easily find, reference, and reuse the right information. Autodesk Vault lets you coordinate working documents and synchronizes design-related efforts.</p> <p>Access & Version Control - Permission-based secure check-in/check-out of design documents ensures that team members are always working on the correct version.</p> <p>Organize & Re-Use Design Data - With fast, powerful search capabilities you can quickly find elements of design work for reference or re-use.</p> <p>Work-in-Progress Tracking - Securely maintain a 'history of design' that safely stores all versions of the design evolution for reference and accountability.</p>
Learn More	www.autodesk.com/vault
Release Date	May 30, 2008
Language	English, French, Italian, German, Spanish, Japanese, Korean, Traditional Chinese, Simplified Chinese, Brazilian Portuguese, Russian, Czech, Hungarian, Polish



Autodesk is a registered trademarks or trademarks of Autodesk, Inc., in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

© 2008 Autodesk, Inc. All rights reserved.

AUTODESK®
SUBSCRIPTION

Autodesk® Vault 2009 - Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Maintaining and Populating a Vault e-Learning

Description	<p>Adding Existing Models to a Vault In this lesson, you learn how to prepare existing designs and add them to a vault using Autodesk Autoloader, a program that prepares, analyzes, and uploads Autodesk Inventor files to a vault.</p> <p>Maintaining a Vault In this lesson you learn how to get statistics about a vault and how to perform various maintenance tasks.</p>
Release Date	May 30, 2008
Language	English



Autodesk is a registered trademarks or trademarks of Autodesk, Inc., in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

© 2008 Autodesk, Inc. All rights reserved.

Autodesk® VIZ 2008 – Product Downloads

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

VIZ 2008 ProBooleans Extension

Description	<p>The ProBooleans Extension is a Boolean modeling tool for generating very high quality inorganic shapes with the minimum number of polygons. Using ProBooleans, you will be able to model large shapes and fine details and not worry about the resulting geometry or your ability to continue editing after the Boolean operation.</p> <p>Highlights of the ProBoolean Extension include:</p> <ul style="list-style-type: none">• High detail with minimal geometry: With ProBoolean's accurate but low density results you will have all of the quality you desire without extra geometric data.• ProCutter: A modeling tool designed to break apart models in a number of ways including glass that shatters and buildings that crumble.• Maxscript Support: ProBooleans supports MaxScript for many functions allowing you to automate production pipelines.
Release Date	March 25, 2008
Language	English

AUTODESK®
SUBSCRIPTION

mental ray® - Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Rendering with mental ray Standalone Downloadable DVD

Description	With this DVD, you will explore: <ul style="list-style-type: none">• Introduction & Setup• Generating MI Files• Using Flags & Understanding MI File Syntax• Exporting & Rendering Incremental MI Files• Ray Echo Ability• Optimizing Textures• Shading, Color Profiles & Environmental Variables
Availability	mental ray 3.5
Release Date	April 11, 2008
Language	English

Revit® Architecture 2009 – Product Downloads

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Autodesk Impression 2 Software Download

Description	<p>Impress your colleagues and clients with compelling presentation-ready graphics created directly from your DWG™ and DWF™ files. Autodesk® Impression software is easy to use, saves you time, and recognizes data from your CAD files.</p> <p>Benefits:</p> <ul style="list-style-type: none">▪ Generate Great-Looking Images—Fast. Presentation graphics are about winning business. Your images have to sell your projects. With Impression you can easily apply graphical styles to your CAD files using prebuilt styles or customized styles that you create—from pencil styles to watercolor fills.▪ CAD Compatible - Because Impression understands CAD data, the illustration process is much faster than with general-purpose graphics applications. Open any DWG or DWF file in Impression. Impression recognizes blocks, layers, hatches and other CAD-specific data.▪ Easy to Learn and Use - Impression is designed so that anyone in the office can learn the application in minutes and can get great results right away.▪ Quickly Create Multiple Design Iterations - Quickly update your presentation graphics when designs change or apply your signature style to all the drawings that you produce.▪ Integrate Into Existing Workflow - Impression fits easily into your existing workflow and is interoperable with many popular graphics applications.
Learn More	www.autodesk.com/impression
Release Date	March 25, 2008
Language	English, German, Japanese

Globe Link for Revit® 2009

Description	<p>Globe Link for Revit 2009 platform products helps users streamline preliminary project planning processes by allowing them to present to clients conceptual designs in context with information about the project site.</p> <p>With Globe Link, users can publish 3D building information models directly from Revit® Architecture 2009, Revit® Structure 2009, and Revit® MEP 2009 software into Google Earth™ mapping service. Users can also acquire site information from Google Earth mapping service and import it into Revit 2009 software applications for building and site layout purposes. Globe Link is optimized for Google Earth version 4 mapping service.</p> <p>Globe Link is now compatible with the 32-bit and 64-bit versions of Revit Architecture 2009, Revit Structure 2009, and Revit MEP 2009 software.</p>
Release Date	April 30 and Sept 29, 2008
Language	English Only.

Batch Print Utility Revit® 2009

Description	<p>Batch Print provides an easy way to print a large number of drawings (views and sheets) from a Revit® Architecture 2009, Revit® Structure 2009, or Revit® MEP 2009 software project.</p> <p>After preparing the default printer and the Revit software project, use Batch Print to send any number of drawings to the printer and to control the order in which they print. When you start the print job, Batch Print manages the printing of the drawings, requiring no further interaction from you. If desired, you can monitor the progress of the print job using a status dialog.</p> <p>Batch Print is now compatible with the 32-bit version of Revit Architecture 2009, Revit Structure 2009, and Revit MEP 2009 software.</p>
Release Date	April 30 and Sept 29, 2008
Language	English, French, Italian, German, Spanish, Japanese, Korean, Traditional Chinese, Simplified Chinese, Brazilian Portuguese, Russian, Czech, Hungarian, Polish



Revit® Architecture 2009 – Product Downloads

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Worksharing Monitor for Revit 2009

Description	<p>Worksharing Monitor facilitates the use of Revit® Architecture 2009, Revit® Structure 2009, or Revit® MEP 2009 software in a worksharing environment, in which multiple people work on one project. For worksharred projects, Worksharing Monitor answers questions such as:</p> <ul style="list-style-type: none">• Who is currently working on this project?• Is my local copy of the project up-to-date?• When will my Save to Central operation finish?• Has my request to borrow elements been granted?• Are any issues interfering with my work on a Revit software project? <p>Note: Worksharing Monitor is not useful for standalone Revit software projects, which do not use worksharing to divide the work for a project among several people.</p> <p>Worksharing Monitor is now compatible with the 32-bit and 64-bit versions of Revit Architecture 2009, Revit Structure 2009, and Revit MEP 2009 software.</p>
Release Date	April 30 and Sept 29, 2008
Language	English, French, Italian, German, Spanish, Japanese, Korean, Traditional Chinese, Simplified Chinese, Brazilian Portuguese, Russian, Czech, Hungarian, Polish

Swedish Content Library for Revit Architecture 2009

Description	<p>The Swedish Content Library for Revit® Architecture 2009 software provides families and templates in Swedish for customers across the Nordic region. The families provide architectural content specific to Swedish design standards. The templates allow export to local layering standards with a variety of representations.</p> <p>Although specifically designed for use with Revit® Architecture 2009 software, the content can also be used with Revit® Structure and Revit® MEP software applications.</p> <p>Available in Sweden, Norway, Finland, Iceland and Denmark.</p>
Release Date	Sept 21, 2008
Language	Swedish Only

Revit Extensions for Revit Architecture 2009

Description	<p>Revit® Extensions are a series of easy-to-use applications that extend the capabilities of Revit® Architecture 2009 software in key areas, including modeling, coordination, and documentation. Specifically, the extensions provided in this executable file are: Grid Generator, Freeze Drawings, Compare Models, Text Generator, Elements Positioning, and Microsoft Excel®-based Model Generation.</p> <p>The file installs the Revit Extensions for Revit Architecture 2009. It also includes the Extensions Engine, a platform that hosts each Extension within Revit Architecture 2009.</p> <p>Please note that the multi-language executable file contains content in English, French, Italian, German, Simplified Chinese, and Polish. Revit Extensions for Revit Architecture 2009 are now compatible with the 32-bit and 64-bit versions of Revit Architecture 2009 software.</p>
Release Date	July 24 and October 10, 2008
Language	English, French, Italian, German, Simplified Chinese, Polish

Revit Architecture 2009 64-bit

Description	<p>This version of Revit® Architecture 2009 is a native 64-bit application to be used with 64-bit Operating Systems, such as Microsoft® Windows® XP Professional 64-bit or Microsoft® Windows Vista® 64-bit (Business, Home Premium, Ultimate editions). The 64-bit version of Revit Architecture 2009 removes the 4 gig memory limitation found in 32-bit applications which enhances the software's capability to handle large projects. It contains the functionality found in the 32-bit release of Revit Architecture 2009, with the noted limitations found in the Known Issues document.</p>
Release Date	Sept 29, 2008
Language	English, French, Italian, German, Spanish, Japanese, Korean, Simplified Chinese, Traditional Chinese, Brazilian Portuguese, Russian, Czech, Hungarian, Polish



Revit® Architecture 2009 – Product Downloads

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Revit 2009 Performance Technical Note (White Paper)

Description	The performance of the Revit® platform can depend as much on the knowledge, skill and practices of its users as on the hardware environment provided for the software. To address both areas which can affect model performance, the Revit platform team has assembled this collection of hardware requirements, recommendations and modeling best practices as researched by both internal development and our community of dedicated customers.
Release Date	July 24, 2008
Language	English Only

Video Help for Revit Architecture 2009

Description	Video Help for Revit® Architecture 2009 software provides video-based assistance for all commands and icons in Revit Architecture 2009. The 330 videos use real-life scenarios to explain to the user how to use commands in Revit Architecture 2009 software. Once installed, the videos can be launched by right-clicking on any command or icon within the Revit Architecture 2009 software user interface. Available in Germany, Austria, Switzerland and Italy.
Release Date	Sept 21, 2008
Language	German Only

German Content Library for Revit Architecture 2009

Description	The German Content Library for Revit® Architecture 2009 software provides new families specifically designed for customers in Central Europe. Families in the Content Library include: Windows, North Arrows, Children's Furniture, Playground Equipment, Animals, People, Trees, Vehicles, and DIN Symbols for Air Conditioning, Electrical Services, Fire Protection, Heating Installation, Sewage Disposal, Water Supplies and Barrier-free Construction. Available in Austria, Germany, Liechtenstein, and Switzerland.
Release Date	October 24, 2008
Language	German Only

Austrian Content Library for Revit Architecture 2009

Description	The Austrian Content Library for Revit® Architecture 2009 software provides country-specific content based on Austrian architectural standards. Specifically, the Austrian Content Library contains Revit Architecture 2009 software templates and family files for doors, windows and annotations. Accompanying documentation explains about how the library can be accessed from Revit Architecture 2009 software and provides additional specifications for the content. Available in Austria, Germany, Liechtenstein, and Switzerland only. Austrian Content Erweiterung für Revit Architecture 2009 Die Austrian Content Erweiterung für Revit® Architecture 2009 stellt Landes-spezifischen Content basierend auf Österreichischen Standards zur Verfügung. Im Speziellen enthält die Austrian Content Erweiterung Revit Architecture 2009 Templates und Familien für Türen, Fenster und Beschriftungen. Die mitgelieferte Dokumentation erklärt, wie die Bibliothek aus Revit Architecture 2009 heraus erreicht werden kann und weitere Erläuterungen zum Content.
Release Date	November 12, 2008
Language	German Only



Revit® Architecture 2009 - Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Building Model Basics e-Learning

Description	<p>Adding and Modifying Walls This lesson describes how to add and modify walls and create new wall types from existing wall types. Walls are parametric elements that have height, thickness, materials and other properties associated with them.</p> <p>Working with Compound and Vertically Compound Walls This lesson describes how to create and modify compound and vertically compound walls. You can create compound and vertically compound walls consisting of different layers having different composition throughout the wall.</p> <p>Using Editing Commands This lesson describes how to use editing commands to add components to a building model. Most building designs repeatedly use similar areas or sections. You can speed up the process and accuracy of adding building components by using editing commands.</p> <p>Working with Doors This lesson describes how to add and modify doors in a building model. Doors are wall-hosted component elements that you can place in any type of wall, including arc walls.</p> <p>Adding and Modifying Windows This lesson describes how to add and modify windows in a building model. You can create windows that are wall-hosted elements in your projects as required.</p>
Release Date	April 25, 2008
Language	English Only

Viewing the Building Model e-Learning

Description	<p>Managing Views This lesson describes how to explore the different views displayed in the Project Browser and change their properties. Views are essential elements in a project. Views gather all the information related to a specific part of a building model and represent it as required.</p> <p>Controlling Object Visibility This lesson describes how to control the visibility and appearance of elements in different views. You use object visibility settings and filters to control the visibility of objects.</p> <p>Working with Section and Elevation Views This lesson describes how to create and modify section and elevation views. You create a section view to represent a vertical cross section of a building model. You create an elevation view to represent a side profile of a building model.</p> <p>Creating and Modifying 3D Views This lesson describes how to create and modify 3D views. You can create 3D views of a building model to help your design team or client visualize the model.</p>
Release Date	April 25, 2008
Language	English Only

Working with Component Families e-Learning

Description	<p>Adding and Modifying Component Families This lesson describes how to add and modify component families in a project. You use a component family to group elements with a common set of parameters, identical use, and similar graphical representation.</p>
Release Date	April 25, 2008
Language	English Only



Autodesk and Revit are registered trademarks or trademarks of Autodesk, Inc., in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

© 2008 Autodesk, Inc. All rights reserved.

Revit® Architecture 2009 - Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Using Dimensions and Constraints e-Learning

Description	Working with Dimensions This lesson describes how to place dimensions and tags in a building model. You place dimensions to set and modify the distance between the elements in a building model. You place tags to display information about the elements.
	Applying and Removing Constraints This lesson describes how to apply constraints and remove them from a building model. Constraints enable you to lock the position of elements in a building model to prevent inadvertent changes to the position of elements.
Release Date	April 25, 2008
Language	English Only

Starting Your First Project e-Learning

Description	Building Information Modeling This lesson describes building information modeling (BIM).
	Exploring the User Interface This lesson describes how to use the different parts of the Revit® Architecture user interface. You begin the lesson by learning about the main user interface. Then, you learn about the Design Bar tabs and some recommended practices for using the user interface. The lesson concludes with an exercise on exploring the user interface.
	Working with Revit Elements and Families This lesson describes how to work with different types of Revit elements and families. You begin the lesson by learning about different types of building elements. Then, you learn about families and the recommended practices for working with Revit elements and families. The lesson concludes with an exercise on Revit elements and families.
	Starting a Project This lesson describes how to start a new project with different templates. You begin the lesson by learning about projects and project templates. Then, you learn about default project template, Revit file types, vector and raster data, toposurfaces, and some recommended practices for starting a new project. The lesson concludes with an exercise on starting a new project.
	Creating a Basic Floor Plan This lesson describes how to create a floor plan view and place building elements in it to start a building design. You begin the lesson by learning the steps to create walls in a floor plan. Then, you learn about temporary dimensions and drawing aids. Next, you learn about some recommended practices for placing walls. The lesson concludes with an exercise on adding walls in a floor plan view.
	Working with Grids This lesson describes how to work with grids. You begin the lesson by learning about grids and the process of creating and modifying grid lines. Then, you learn some recommended practices for creating and modifying grids. The lesson concludes with an exercise on creating column grids.
Release Date	April 25, 2008
Language	English Only

Developing the Building Model e-Learning

Description	Creating and Modifying Floors This lesson describes how to create and modify floors. You can define several types of floors and choose different materials for the floor, such as tile, brick, and ceramic.
	Working with Ceilings This lesson describes how to add and modify ceilings in a building model. Depending on your design requirements, you can create different types of ceilings, such as grid and metal rail.
	Adding and Modifying Roofs This lesson describes how to add and modify the roofs of a building model. Roofs are building components that represent different types of actual roofs on a building. You can create roofs as footprint outlines and as extrusions.
	Creating Curtain Walls You can use Revit Architecture 2008 to create curtain walls consisting of a solid panel divided into horizontal and vertical grids of curtain panels. Curtain walls are building components with panels spanning through the dimensions of a wall.
Release Date	May 23, 2008
Language	English Only



Autodesk and Revit are registered trademarks or trademarks of Autodesk, Inc., in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

© 2008 Autodesk, Inc. All rights reserved.

Revit® Architecture 2009 - Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Detailing and Drafting e-Learning

Description	<p>Creating Callout Views This lesson describes how to create a callout view. A callout is a view that you place in a plan, section, detail, or elevation view to create a more detailed view of part of the building model from that parent view. You can view the construction details using detail views.</p> <p>Working with Text and Tags This lesson describes how to work with text and tags. A building design goes through various stages before being implemented. At each stage, different people are involved who may want to add explanations and instructions to the design using text annotations. These explanations and instructions make the building design easy to understand for the people next in cycle.</p> <p>Working with Detail Views In Revit Architecture 2009, a detail view represents a building model with finer details in terms of construction and fabrication. This view provides a greater level of detail that is at a different scale from its parent view. A detail view is a view of all or a specific area of a plan, elevation, or section view. This view provides a greater level of detail that is at a different scale from its parent view.</p> <p>Working with Drafting Views This lesson describes how to work with drafting views. Drafting views include detail lines, detail groups, detail components, insulation, reference planes, dimensions, symbols, and text. Drafting views show details of specific portions of a building model although they are not directly associated with a building model and do not display any model element.</p>
Release Date	May 23, 2008
Language	English Only

Construction Documentation e-Learning

Description	<p>Creating and Modifying Schedules This lesson describes how to create and modify a schedule.</p> <p>Creating Rooms and Room Schedules This lesson describes how to create rooms, room schedules, and material takeoffs. You can create rooms and room components and room schedules to display the properties of room components in tabular format.</p> <p>Creating Legends and Keynotes This lesson describes how to create legends and keynotes and add them to sheets.</p>
Release Date	June 9, 2008
Language	English Only

Presenting the Building Model e-Learning

Description	<p>Working with Drawing Sheets This lesson describes how to create and modify drawing sheets, how to add titleblocks to a drawing sheet and how to create revisions and then update the information in a revision table. Furthermore, learn how to create a rendering for a building model using the process of raytracing and how to create a walkthrough of a building model in order to showcase your creation to the team and customers.</p> <p>This e-Learning course includes the following lesson:</p> <ul style="list-style-type: none">• Working with Drawing Sheets• Working with Titleblocks• Managing Revisions• Creating Renderings• Using Walkthroughs
Release Date	June 9, 2008
Language	English Only

Introduction to Programming in Revit Video Tutorial

Description	<p>The following resource is a self-paced video tutorial demonstrating how to get started programming with Revit. Level: beginner Prerequisite: Familiarity with Revit and general programming concepts</p>
Release Date	June 27 2008
Language	English Only



Autodesk and Revit are registered trademarks or trademarks of Autodesk, Inc., in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

© 2008 Autodesk, Inc. All rights reserved.

Revit® MEP 2009 – Product Downloads

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Please note: Revit MEP 2009 is only available as part of the AutoCAD Revit MEP Suite 2009.

Autodesk Impression 2 Software Download

Description	<p>Impress your colleagues and clients with compelling presentation-ready graphics created directly from your DWG™ and DWF™ files. Autodesk® Impression software is easy to use, saves you time, and recognizes data from your CAD files.</p> <p>Benefits:</p> <ul style="list-style-type: none">▪ Generate Great-Looking Images—Fast. Presentation graphics are about winning business. Your images have to sell your projects. With Impression you can easily apply graphical styles to your CAD files using prebuilt styles or customized styles that you create—from pencil styles to watercolor fills.▪ CAD Compatible - Because Impression understands CAD data, the illustration process is much faster than with general-purpose graphics applications. Open any DWG or DWF file in Impression. Impression recognizes blocks, layers, hatches and other CAD-specific data.▪ Easy to Learn and Use - Impression is designed so that anyone in the office can learn the application in minutes and can get great results right away.▪ Quickly Create Multiple Design Iterations - Quickly update your presentation graphics when designs change or apply your signature style to all the drawings that you produce.▪ Integrate Into Existing Workflow - Impression fits easily into your existing workflow and is interoperable with many popular graphics applications.
Learn More	www.autodesk.com/impression
Release Date	March 25, 2008
Language	English, German, Japanese

Globe Link for Revit® 2009

Description	<p>Globe Link for Revit 2009 platform products helps users streamline preliminary project planning processes by allowing them to present to clients conceptual designs in context with information about the project site.</p> <p>With Globe Link, users can publish 3D building information models directly from Revit® Architecture 2009, Revit® Structure 2009, and Revit® MEP 2009 software into Google Earth™ mapping service. Users can also acquire site information from Google Earth mapping service and import it into Revit 2009 software applications for building and site layout purposes. Globe Link is optimized for Google Earth version 4 mapping service.</p> <p>Globe Link is now compatible with the 32-bit and 64-bit versions of Revit Architecture 2009, Revit Structure 2009, and Revit MEP 2009 software.</p>
Release Date	April 30 and Sept 29, 2008
Language	English Only

Batch Print Utility Revit® 2009

Description	<p>Batch Print provides an easy way to print a large number of drawings (views and sheets) from a Revit® Architecture 2009, Revit® Structure 2009, or Revit® MEP 2009 software project.</p> <p>After preparing the default printer and the Revit software project, use Batch Print to send any number of drawings to the printer and to control the order in which they print. When you start the print job, Batch Print manages the printing of the drawings, requiring no further interaction from you. If desired, you can monitor the progress of the print job using a status dialog.</p> <p>Batch Print is now compatible with the 32-bit and 64-bit versions of Revit Architecture 2009, Revit Structure 2009, and Revit MEP 2009 software.</p>
Release Date	April 30 and September 29, 2008
Language	English, French, Italian, German, Spanish, Japanese, Korean, Traditional Chinese, Simplified Chinese, Brazilian Portuguese, Russian, Czech, Hungarian, Polish



Autodesk and Revit are registered trademarks or trademarks of Autodesk, Inc., in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

© 2008 Autodesk, Inc. All rights reserved.

Revit® MEP 2009 – Product Downloads

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Worksharing Monitor for Revit 2009

Description	<p>Worksharing Monitor facilitates the use of Revit® Architecture 2009, Revit® Structure 2009, or Revit® MEP 2009 software in a worksharing environment, in which multiple people work on one project. For worksharred projects, Worksharing Monitor answers questions such as:</p> <ul style="list-style-type: none">• Who is currently working on this project?• Is my local copy of the project up-to-date?• When will my Save to Central operation finish?• Has my request to borrow elements been granted?• Are any issues interfering with my work on a Revit software project? <p>Note: Worksharing Monitor is not useful for standalone Revit software projects, which do not use worksharing to divide the work for a project among several people.</p> <p>Worksharing Monitor is now compatible with the 32-bit and 64-bit versions of Revit Architecture 2009, Revit Structure 2009, and Revit MEP 2009 software.</p>
Release Date	April 30 and September 29, 2008
Language	English, French, Italian, German, Spanish, Japanese, Korean, Traditional Chinese, Simplified Chinese, Brazilian Portuguese, Russian, Czech, Hungarian, Polish

HVAC Load Calculation Extension

Description	<p>The Heating, Ventilation and Air Conditioning (HVAC) Load Calculation Extension is a commercial and industrial load calculation software package based upon the latest ASHRAE calculation methods. Downloading this extension will provide users with total cooling and heating loads for a building allowing them to properly specify the correct size HVAC equipment. This program is geared specifically toward the HVAC engineer, architect, design/build mechanical contractor, and building maintenance supervisor.</p>
Release Date	June 26, 2008
Language	English Only

Revit Extensions for Revit MEP 2009

Description	<p>Revit® Extensions are a series of easy-to-use applications that extend the capabilities of Revit® MEP 2009 software in key areas, including modeling, coordination, and documentation. Specifically, the extensions provided in this executable file are: Freeze Drawings, Compare Models, Text Generator, and Elements Positioning.</p> <p>The file installs the Revit Extensions for Revit MEP 2009. It also includes the Extensions Engine, a platform that hosts each Extension within Revit MEP 2009.</p> <p>Please note that the multi-language executable file contains content in English and Simplified Chinese. Revit Extensions for Revit MEP 2009 are now compatible with the 32-bit and 64-bit versions of Revit MEP 2009 software.</p>
Release Date	July 24 and October 10, 2008
Language	English, Simplified Chinese

Revit MEP 2009 64-bit

Description	<p>This version of Revit® MEP 2009 is a native 64-bit application to be used with 64-bit Operating Systems, such as Microsoft® Windows® XP Professional 64-bit or Microsoft® Windows Vista® 64-bit (Business, Home Premium, Ultimate editions). The 64-bit version of Revit MEP 2009 removes the 4 gig memory limitation found in 32-bit applications which enhances the software's capability to handle large projects. It contains the functionality found in the 32-bit release of Revit MEP 2009, with the noted limitations found in the Known Issues document.</p>
Release Date	Sept 29, 2008
Language	English, Japanese, Simplified Chinese



Autodesk and Revit are registered trademarks or trademarks of Autodesk, Inc., in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

© 2008 Autodesk, Inc. All rights reserved.

Revit® MEP 2009 – Product Downloads

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Swedish Content Library for Revit Architecture 2009

Description	<p>The Swedish Content Library for Revit® Architecture 2009 software provides families and templates in Swedish for customers across the Nordic region. The families provide architectural content specific to Swedish design standards. The templates allow export to local layering standards with a variety of representations.</p> <p>Although specifically designed for use with Revit® Architecture 2009 software, the content can also be used with Revit® Structure and Revit® MEP software applications.</p> <p>Available in Sweden, Norway, Finland, Iceland and Denmark.</p>
Release Date	Sept 21, 2008
Language	Swedish Only

Revit 2009 Performance Technical Note (White Paper)

Description	<p>The performance of the Revit® platform can depend as much on the knowledge, skill and practices of its users as on the hardware environment provided for the software. To address both areas which can affect model performance, the Revit platform team has assembled this collection of hardware requirements, recommendations and modeling best practices as researched by both internal development and our community of dedicated customers.</p>
Release Date	July 24, 2008
Language	English Only

UK Content Extension for Revit MEP 2009

Description	<p>The UK Content Extension for Revit® MEP 2009 software provides MEP professionals with access to new templates and duct fittings designed specifically to meet UK standards.</p> <p>To meet the standards required for construction documentation in the UK, the duct fittings adhere to the DW/144 UK industry standards.</p> <p>This extension provides additional building systems modeling capabilities for MEP engineers working on UK-based projects.</p>
Release Date	November 24, 2008
Language	English Only

US Content Extension for Revit MEP 2009

Description	<p>The US Content Extension for Revit® MEP 2009 software provides MEP professionals with access to imperial and metric duct and pipe fittings designed specifically to meet US standards.</p> <p>To meet the standards required by US-based projects, the duct fittings adhere to SMACNA standards and the pipe fittings adhere to ASME standards for Class 150 and 300 Malleable Threaded Iron and Flanged Cast Iron.</p> <p>This extension provides additional building systems modeling capabilities for MEP engineers working on US-based projects.</p>
Release Date	November 24, 2008
Language	English Only



Autodesk and Revit are registered trademarks or trademarks of Autodesk, Inc., in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

© 2008 Autodesk, Inc. All rights reserved.

Revit® MEP 2009 - Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Please note: Revit MEP 2009 is only available as part of the AutoCAD Revit MEP Suite 2009.

Revit MEP Basics e-Learning

Description	<p>Building Information Modeling This lesson describes building information modeling. Building information modeling is a building design and documentation methodology. It enables you to create and manage information about a building project. The information about the building project is stored in a single database. This ensures that the information is consistent and up-to-date.</p> <p>Exploring the User Interface This lesson describes how to use the different parts of the Revit Architecture user interface. You use the Revit Architecture user interface to access commands that helps you in creating and modifying a building model. These commands are present on various toolbars such as the Design Bar and Options Bar.</p> <p>Working with Revit Elements and Families This lesson describes how to work with different types of Revit elements and families. You create a building model by adding elements such as windows and doors. You can group similar types of elements that form a family. You can use a large number of predefined families in your project.</p> <p>Managing Views This lesson describes how to explore the different views displayed in the Project Browser and change their properties. Views are essential elements in a project. Views gather all the information related to a specific part of a building model and represent it as required.</p> <p>Controlling Object Visibility This lesson describes how to control the visibility and appearance of elements in different views.</p> <p>Working with Section and Elevation Views This lesson describes how to create and modify section and elevation views. You create a section view to represent a vertical cross section of a building model.</p> <p>Creating and Modifying 3D Views This lesson describes how to create and modify 3D views. You can create 3D views of a building model to help your design team or client visualize the model.</p>
Release Date	May 30, 2008
Language	English Only

HVAC Essentials e-Learning

Descriptions	<p>Loading Base Drawings for a Project This lesson teaches you to customize your workspace to streamline the HVAC design process, load base drawings into a project, and create views of your evolving design.</p>
Release Date	May 30, 2008
Language	English Only

Introduction to Programming in Revit Video Tutorial

Description	The following resource is a self-paced video tutorial demonstrating how to get started programming with Revit.
Release Date	June 27 2008
Language	English Only



Autodesk and Revit are registered trademarks or trademarks of Autodesk, Inc., in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

© 2008 Autodesk, Inc. All rights reserved.

Revit® Structure 2009 – Product Downloads

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Autodesk Impression 2 Software Download

Description	<p>Impress your colleagues and clients with compelling presentation-ready graphics created directly from your DWG™ and DWF™ files. Autodesk® Impression software is easy to use, saves you time, and recognizes data from your CAD files.</p> <p>Benefits:</p> <ul style="list-style-type: none">▪ Generate Great-Looking Images—Fast. Presentation graphics are about winning business. Your images have to sell your projects. With Impression you can easily apply graphical styles to your CAD files using prebuilt styles or customized styles that you create—from pencil styles to watercolor fills.▪ CAD Compatible - Because Impression understands CAD data, the illustration process is much faster than with general-purpose graphics applications. Open any DWG or DWF file in Impression. Impression recognizes blocks, layers, hatches and other CAD-specific data.▪ Easy to Learn and Use - Impression is designed so that anyone in the office can learn the application in minutes and can get great results right away.▪ Quickly Create Multiple Design Iterations - Quickly update your presentation graphics when designs change or apply your signature style to all the drawings that you produce.▪ Integrate Into Existing Workflow - Impression fits easily into your existing workflow and is interoperable with many popular graphics applications.
Learn More	www.autodesk.com/impression
Release Date	March 25, 2008
Language	English, German, Japanese

Globe Link for Revit® 2009

Description	<p>Globe Link for Revit 2009 platform products helps users streamline preliminary project planning processes by allowing them to present to clients conceptual designs in context with information about the project site.</p> <p>With Globe Link, users can publish 3D building information models directly from Revit® Architecture 2009, Revit® Structure 2009, and Revit® MEP 2009 software into Google Earth™ mapping service. Users can also acquire site information from Google Earth mapping service and import it into Revit 2009 software applications for building and site layout purposes. Globe Link is optimized for Google Earth version 4 mapping service.</p> <p>Globe Link is now compatible with the 32-bit and 64-bit versions of Revit Architecture 2009, Revit Structure 2009, and Revit MEP 2009 software.</p>
Release Date	April 30 and Sept 29, 2008
Language	English Only

Batch Print Utility Revit® 2009

Description	<p>Batch Print provides an easy way to print a large number of drawings (views and sheets) from a Revit® Architecture 2009, Revit® Structure 2009, or Revit® MEP 2009 software project.</p> <p>After preparing the default printer and the Revit software project, use Batch Print to send any number of drawings to the printer and to control the order in which they print. When you start the print job, Batch Print manages the printing of the drawings, requiring no further interaction from you. If desired, you can monitor the progress of the print job using a status dialog.</p> <p>Batch Print is now compatible with the 32-bit and 64-bit versions of Revit Architecture 2009, Revit Structure 2009, and Revit MEP 2009 software.</p>
Release Date	April 30 and September 29, 2008
Language	English, French, Italian, German, Spanish, Japanese, Korean, Traditional Chinese, Simplified Chinese, Brazilian Portuguese, Russian, Czech, Hungarian, Polish



Autodesk and Revit are registered trademarks or trademarks of Autodesk, Inc., in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

© 2008 Autodesk, Inc. All rights reserved.

Revit® Structure 2009 – Product Downloads

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Worksharing Monitor for Revit 2009

Description	<p>Worksharing Monitor facilitates the use of Revit® Architecture 2009, Revit® Structure 2009, or Revit® MEP 2009 software in a worksharing environment, in which multiple people work on one project. For workshared projects, Worksharing Monitor answers questions such as:</p> <ul style="list-style-type: none">• Who is currently working on this project?• Is my local copy of the project up-to-date?• When will my Save to Central operation finish?• Has my request to borrow elements been granted?• Are any issues interfering with my work on a Revit software project? <p>Note: Worksharing Monitor is not useful for standalone Revit software projects, which do not use worksharing to divide the work for a project among several people.</p> <p>Worksharing Monitor is now compatible with the 32-bit and 64-bit versions of Revit Architecture 2009, Revit Structure 2009, and Revit MEP 2009 software.</p>
Release Date	April 30 and September 29, 2008
Language	English, French, Italian, German, Spanish, Japanese, Korean, Traditional Chinese, Simplified Chinese, Brazilian Portuguese, Russian, Czech, Hungarian, Polish

Revit Extensions for Revit Structure 2009

Description	<p>Revit® Extensions are a series of easy-to-use applications that extend the capabilities of the Revit® Structure 2009 software in key areas, including structural analysis, modeling, concrete reinforcement, interoperability, and construction documentation. Specifically, the extensions provided in this executable file are:</p> <p>Structural Analysis: Analysis Integration Enabler, Analysis Integration Enabler for Autodesk Concrete Building Structures 2009, Static Analysis of Beams (NEW), Static Analysis of Frames (NEW), Static Analysis of Slabs, Static Analysis of Trusses</p> <p>Import/Export: CIS/2 Export, CIS/2 Import</p> <p>Reinforcement: Automatic Reinforcement Generation (NEW), Reinforcement of Beams, Reinforcement of Columns, Reinforcement of Continuous Footings, Reinforcement Design, Reinforcement Drawings Enabler, Reinforcement of Parapets, Reinforcement of Piles, Reinforcement of Pile Caps, Reinforcement of Retaining Walls (NEW), Reinforcement of Slab Corners (NEW), Reinforcement of Slab Openings, Reinforcement of Spread Footings, Reinforcement of Walls, Reinforcement of Wall Corners</p> <p>Modeling: Excel-based Model Generation, Grids Generator</p> <p>Miscellaneous: Text Generator, Elements Positioning, Freeze Drawings, Compare Models</p> <p>The file installs the Revit Extensions for Revit Structure 2009. It also includes the Extensions Engine, a platform that hosts each extension within Revit Structure 2009.</p> <p>Please note that the multi-language executable file contains content in English, French, Italian, German, Simplified Chinese, and Polish. Revit Extensions for Revit Structure 2009 are now compatible with the 32-bit and 64-bit versions of Revit Structure 2009 software (with the exception of Analysis Integration Enabler for Autodesk Concrete Building Structures 2009 and Reinforcement Drawings Enabler).</p> <p>For more information, please visit www.extensions4revit.com.</p>
Release Date	April 16, July 24, and October 15, 2008
Language	English, French, Italian, German, Simplified Chinese, and Polish



Revit® Structure 2009 – Product Downloads

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Revit Structure 2009 64-bit

Description	This version of Revit® Structure 2009 is a native 64-bit application to be used with 64-bit Operating Systems, such as Microsoft® Windows® XP Professional 64-bit or Microsoft® Windows Vista® 64-bit (Business, Home Premium, Ultimate editions). The 64-bit version of Revit Structure 2009 removes the 4 gig memory limitation found in 32-bit applications which enhances the software's capability to handle large projects. It contains the functionality found in the 32-bit release of Revit Structure 2009, with the noted limitations found in the Known Issues document.
Release Date	Sept 29, 2008
Language	English, French, Italian, German, Spanish, Japanese, Korean, Simplified Chinese, Russian, Polish

Swedish Content Library for Revit Architecture 2009

Description	<p>The Swedish Content Library for Revit® Architecture 2009 software provides families and templates in Swedish for customers across the Nordic region. The families provide architectural content specific to Swedish design standards. The templates allow export to local layering standards with a variety of representations.</p> <p>Although specifically designed for use with Revit® Architecture 2009 software, the content can also be used with Revit® Structure and Revit® MEP software applications.</p> <p>Available in Sweden, Norway, Finland, Iceland and Denmark.</p>
Release Date	Sept 21, 2008
Language	Swedish Only

Revit 2009 Performance Technical Note (White Paper)

Description	The performance of the Revit® platform can depend as much on the knowledge, skill and practices of its users as on the hardware environment provided for the software. To address both areas which can affect model performance, the Revit platform team has assembled this collection of hardware requirements, recommendations and modeling best practices as researched by both internal development and our community of dedicated customers.
Release Date	July 24, 2008
Language	English Only

Subscription Structural Library for Revit Structure 2009

Description	The Subscription Structural Library provides some new structural content such as Families (.rfa), Type Catalogs (.txt) and/or Project Templates (.rte) for Revit® Structure 2009. After downloading the appropriate file, subscription users can uncompress the .zip package using WinZip and then load the content into the project.
Release Date	July 24, 2008
Language	English Only



Autodesk and Revit are registered trademarks or trademarks of Autodesk, Inc., in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

© 2008 Autodesk, Inc. All rights reserved.

Revit® Structure 2009 – Product Downloads

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Autodesk Impression 2 Software Download

Description	<p>Impress your colleagues and clients with compelling presentation-ready graphics created directly from your DWG™ and DWF™ files. Autodesk® Impression software is easy to use, saves you time, and recognizes data from your CAD files.</p> <p>Benefits:</p> <ul style="list-style-type: none">▪ Generate Great-Looking Images—Fast. Presentation graphics are about winning business. Your images have to sell your projects. With Impression you can easily apply graphical styles to your CAD files using prebuilt styles or customized styles that you create—from pencil styles to watercolor fills.▪ CAD Compatible - Because Impression understands CAD data, the illustration process is much faster than with general-purpose graphics applications. Open any DWG or DWF file in Impression. Impression recognizes blocks, layers, hatches and other CAD-specific data.▪ Easy to Learn and Use - Impression is designed so that anyone in the office can learn the application in minutes and can get great results right away.▪ Quickly Create Multiple Design Iterations - Quickly update your presentation graphics when designs change or apply your signature style to all the drawings that you produce.▪ Integrate Into Existing Workflow - Impression fits easily into your existing workflow and is interoperable with many popular graphics applications.
Learn More	www.autodesk.com/impression
Release Date	March 25, 2008
Language	English, German, Japanese

Globe Link for Revit® 2009

Description	<p>Globe Link for Revit 2009 platform products helps users streamline preliminary project planning processes by allowing them to present to clients conceptual designs in context with information about the project site.</p> <p>With Globe Link, users can publish 3D building information models directly from Revit® Architecture 2009, Revit® Structure 2009, and Revit® MEP 2009 software into Google Earth™ mapping service. Users can also acquire site information from Google Earth mapping service and import it into Revit 2009 software applications for building and site layout purposes. Globe Link is optimized for Google Earth version 4 mapping service.</p> <p>Globe Link is now compatible with the 32-bit and 64-bit versions of Revit Architecture 2009, Revit Structure 2009, and Revit MEP 2009 software.</p>
Release Date	Sept 29, 2008
Language	Currently available in English only.

Batch Print Utility Revit® 2009

Description	<p>Batch Print provides an easy way to print a large number of drawings (views and sheets) from a Revit® Architecture 2009, Revit® Structure 2009, or Revit® MEP 2009 software project.</p> <p>After preparing the default printer and the Revit software project, use Batch Print to send any number of drawings to the printer and to control the order in which they print. When you start the print job, Batch Print manages the printing of the drawings, requiring no further interaction from you. If desired, you can monitor the progress of the print job using a status dialog.</p> <p>Batch Print is now compatible with the 32-bit and 64-bit versions of Revit Architecture 2009, Revit Structure 2009, and Revit MEP 2009 software.</p>
Release Date	Sept 29, 2008
Language	Content is currently available in English, French and Japanese only. Localized versions to follow.



Autodesk and Revit are registered trademarks or trademarks of Autodesk, Inc., in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

© 2008 Autodesk, Inc. All rights reserved.

Revit® Structure 2009 - Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Revit Structure Basics e-Learning

Description	<p>Building Information Modeling This lesson describes building information modeling (BIM).</p> <p>Exploring the User Interface This lesson describes how to use different parts of the Revit Structure user interface. You begin the lesson by learning about the parts of the user interface and the steps to display and hide the tabs on the Design Bar. Next, you learn some recommended practices for exploring the user interface. The lesson concludes with an exercise on exploring the different parts of the user interface of the software.</p> <p>Working with Revit Elements and Families This lesson describes how to work with different types of structural elements and families. You begin the lesson by learning about structural elements and families. Next, you learn some recommended practices for working with them. The lesson concludes with an exercise on working with structural elements and families.</p> <p>Working with Views This lesson describes how to work with the different views listed in the Project Browser. You begin the lesson by learning about views and the use of view parameters. Then, you learn about the steps for creating a dependent view and some recommended practices for working with views. The lesson concludes with an exercise on exploring and creating views.</p> <p>Controlling Object Visibility This lesson describes how to control the visibility and graphical representation of objects in a structural model. You begin the lesson by learning about controlling object visibility and graphical representation. Then, you learn the steps to modify line styles to control object visibility and use filters. Next, you learn some recommended practices for controlling object visibility. The lesson concludes with an exercise on controlling object visibility.</p> <p>Working with Elevation and Section Views This lesson describes how to work with elevation and section views. You begin the lesson by learning about elevation and section views. Next, you learn the steps to control the visibility of elevation and section tags. You also learn some recommended practices for creating elevation and section views. The lesson concludes with an exercise on working with elevation and section views.</p> <p>Working with 3D Views This lesson describes how to work with 3D views. You begin the lesson by learning about 3D views and cameras and how to navigate through a 3D view. Next, you learn the steps to create and modify 3D views and change the material properties of elements in a 3D view. You also learn about some recommended practices for working with 3D views. The lesson concludes with an exercise on working with 3D views.</p>
Release Date	April 25, 2008
Language	English Only



Autodesk and Revit are registered trademarks or trademarks of Autodesk, Inc., in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

© 2008 Autodesk, Inc. All rights reserved.

Revit® Structure 2009 - Training

Subscription members, as part of their benefits, can download the following via the [Subscription Center](#).

Starting a New Project e-Learning

Description	<p>Starting a Project</p> <p>This lesson describes how to set up a project and transfer standards between projects. A project is the database of information for the design of a building model. It includes the entire structural design and the associated documentation. You set up a project before you start creating a building model. You also need to learn how to organize your content on levels, load in content families, and set up annotations to match company standards. All these requirements can be met by setting up template files.</p> <p>Adding and Modifying Levels</p> <p>This lesson describes how to add and modify levels in a structural model. Levels are finite horizontal planes that act as references in a structural model for level-hosted elements such as roofs and floors. You can also use levels to define the vertical extents of walls and the vertical placement of elements such as beams and columns.</p> <p>Creating and Modifying Grids</p> <p>This lesson describes how to add and modify grids. Grids form the basic framework in a structural model. Grid lines are displayed on structural plans specifically for locating columns and beams.</p> <p>Working with Structural Columns</p> <p>This lesson describes how to work with structural columns. Structural columns are load-bearing elements having type and instance parameters. Before adding columns in a structural plan, you create a grid. You then add structural columns relative to grid intersections. By default, only a few column sizes are loaded into a project. For additional column sizes, you can load columns from the structural column libraries to the project template. You can create new structural column types by duplicating an existing column type and specifying the dimensions and other parameters.</p> <p>Working with Structural Walls</p> <p>This lesson describes how to create new wall types, create structural walls in a plan view, and add footings and pilasters. Structural walls resist gravity and seismic forces and are designed and scheduled accordingly. During the design phase, you add structural walls to the structural model that act as placeholders for the height and width of actual walls. You can modify predefined structural walls or use them as templates to create new custom wall types. After creating structural walls, you add footings and pilasters at the base of the walls to provide support. You can also create stepped walls and stepped footings by placing individual walls, each with its top and base elevation set based on the requirements.</p> <p>Adding Floor Framing</p> <p>This lesson describes how to add floor framing to a structural model by adding beams. Floor framing is a collection of elements such as girders and beams that support a floor system. Floor framing is generally supported primarily by framing members such as walls and columns. Beams are floor framing elements that form the primary support structure for the floor. In certain projects, you need to use beam webs or flanges to represent openings in a structural model. These openings allow passage of ducts, pipes, or other construction elements.</p>
Release Date	April 25, 2008
Language	English Only

Introduction to Programming in Revit Video Tutorial

Description	<p>The following resource is a self-paced video tutorial demonstrating how to get started programming with Revit.</p> <p>Level: beginner</p> <p>Prerequisite: Familiarity with Revit and general programming concepts</p>
Release Date	June 27 2008
Language	English Only



Autodesk and Revit are registered trademarks or trademarks of Autodesk, Inc., in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

© 2008 Autodesk, Inc. All rights reserved.