

AUTODESK® REVIT® ARCHITECTURE 2012 NEW FEATURE DESCRIPTIONS

REVIT ARCHITECTURE PRODUCT DESCRIPTIONS (Evergreen)

100 words:

Autodesk® Revit® Architecture software works the way architects and designers think about buildings, so you can develop higher-quality, more accurate architectural designs. Built for Building Information Modelling (BIM), Autodesk Revit Architecture helps you to capture and analyse design concepts and maintain your vision more accurately through design, documentation and construction. Use the information-rich models that Autodesk Revit Architecture provides to make more informed design decisions to support sustainable design, clash-detection, construction planning and fabrication. Any change you make is updated throughout your project, keeping your design and documentation co-ordinated and more reliable. Share model data more easily across the design team for a collaborative design process that helps you to deliver projects efficiently.

50 words:

Autodesk® Revit® Architecture software works the way architects and designers think about buildings, so you can develop higher-quality, more accurate architectural designs. Built for Building Information Modelling (BIM), Autodesk Revit Architecture helps you to capture and analyse design concepts and maintain your vision more accurately through design, documentation and construction.

25 words:

Built for Building Information Modelling (BIM), Autodesk® Revit® Architecture software helps you to capture and analyse design concepts and maintain your vision more accurately through design, documentation and construction.

Tagline:

Autodesk® Revit® Architecture – software built for Building Information Modelling (BIM).

REVIT ARCHITECTURE 2012 RELEASE DESCRIPTIONS (Release-specific)

75 words:

Realise more of the benefits of BIM with new modelling, collaboration, performance and sustainability tools and enhancements in Autodesk® Revit® Architecture 2012 software. Help to support construction processes and speed up renovation and retrofit projects with construction modelling and point cloud tools. Make every design more sustainable with powerful yet easy-to-use conceptual energy analysis tools*. Revit® Server, Citrix® server support* and worksharing enhancements help to improve collaboration and communication across the design team. Autodesk Revit Architecture 2012 delivers tools to improve your BIM process.

25 words:

Realise more of the benefits of BIM with new modelling, collaboration, performance and sustainability tools and enhancements in Autodesk® Revit® Architecture 2012 software.

REVIT ARCHITECTURE 2012 FEATURE DESCRIPTIONS

MODELLING ENHANCEMENTS

Construction Modelling

New modelling tools help you to derive better construction insight from design models. Split and manipulate objects such as wall layers and concrete pours to represent construction methods more accurately. Prepare shop drawings for fabrication more easily with features that give you greater flexibility in documenting assemblies of model elements.

Point Clouds

Point Cloud tools in Autodesk® Revit® Architecture software connect laser scans directly into the Building Information Modelling process, helping to accelerate renovation and retrofit projects. By visualising point clouds directly within the Revit software environment, it is easier to create an as-built model with more confidence and accuracy.

SUSTAINABLE DESIGN

Conceptual Energy Analysis**

Conceptual energy analysis tools support sustainable design decision making early in the design process. Using cloud-based analysis tools, you can compare the energy consumption and lifecycle costs of design alternatives within Autodesk® Revit® Architecture software. Analysis results are presented in a highly visual, graphical format for easy interpretation.

PERFORMANCE & COLLABORATION

Revit Server

Revit® Server helps project teams in different locations to collaborate more easily on shared Revit models across a wide-area network (WAN). Maintain a seamlessly integrated collection of Revit central models on a single server that can be accessed from local servers. Built-in redundancy helps to provide protection in case of WAN connectivity loss.

Worksharing Enhancements

Worksharing enhancements help you to better track and collaborate on shared models across the project team. Gain more visibility into element ownership and status to manage team workflows more effectively.

Performance Improvements

Performance enhancements help to deliver a smoother experience when working on Autodesk® Revit® Architecture projects of any size. More multi-threaded operations and improvements to imported data management can result in faster open and load times within a project.

Model Linking Enhancements

Model linking enhancements provide users with more flexibility within large projects. You can now tag a larger variety of elements within linked files including rooms, areas, keynotes, beams and beam systems.

Citrix Readiness*

Revit Architecture now provides support for Citrix® XenApp® 6, offering more flexibility and options for working from remote locations using a local server.

INTEROPERABILITY

Materials Libraries

Create your own materials appearance libraries to help standardise materials across projects and improve collaboration within the project team. Apply finish materials more easily to surfaces, regardless of the underlying physical materials, to generate more accurate quantity take-offs.

DWG Fidelity

Improvements to DWG™ export functionality enable you to map Autodesk® Revit® Architecture® categories and subcategories to layers in DWG files, giving you more control over layer naming. In addition, you can map Revit lines, patterns and fonts to their DWG equivalents.

CUSTOMER REQUESTS

Family Enhancements

Enhancements to Autodesk® Revit® Architecture families give you the ability to export all of the families in a project to add content to your libraries. You can also import and export family types from the family editor to create family types more easily.

Visualisation

Visualisation enhancements present you with more options for displaying your project. Users now have the ability to display edges with more realistic views and shadows in consistent colours mode. New semi-transparent views help to provide clarity in viewing elements within projects.

3Dconnexion Device Support

Revit now supports use of 3D pointing devices from 3Dconnexion, so you can gain more control in navigating your models.

Dimensions Customisation

New dimensions enhancements enable you to customise the appearance of leaders when dimensions are pulled off of a dimension line. Equality dimension text can also be customised to better support the documentation needs of users around the world.

USER EXPERIENCE

Wiki-based Help

Enjoy a more interactive learning experience with Autodesk® Revit® Architecture 2012 software's new wiki-based Help content. Rate and comment on Help content, and share articles, real-world examples, images and videos with your peers.

* The Citrix application is network-based, and performance of Autodesk Citrix Ready Applications may vary with network performance. The software does not include the Citrix application, nor does Autodesk provide direct support for issues with the Citrix application. Users should contact Citrix directly with questions related to procurement and operation of the Citrix application.

**Available to Autodesk Subscription customers of Autodesk Revit Architecture software during the term of their Subscription.

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