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Autodesk® Revit® Architecture 2010

Autodesk Revit Architecture 2010 software works the way architects and designers think, allowing users to work more naturally, design freely and deliver more efficiently. Purpose-built for building information modeling (BIM), Autodesk Revit Architecture helps designers explore early design concepts and forms, and more accurately maintain their vision through design, documentation and construction. Use the essential BIM data that Autodesk Revit Architecture provides to support sustainable design, clash detection, construction planning and fabrication. Share the model to work collaboratively with engineers, contractors and owners in an integrated process. And with parametric change technology, any change made is automatically updated throughout the project, keeping design and documentation better coordinated and more reliable.

What's New

Conceptual Design Enhancements

- New and innovative conceptual design features provide easier-to-use tools for free-form modeling and parametric design, and the ability to support the earliest design analyses.
- Sketch freely, create 3D forms more quickly and manipulate forms interactively.
- Prepare models for fabrication and construction with built-in tools for conception and clarification of complex forms. New tools to divide, pattern and panelize designs make forms more buildable.
- Autodesk Revit Architecture automatically builds a parametric framework around your most complex forms as you continue to design, offering you greater levels of creative control, accuracy and flexibility.
- Users can now take designs from concept model all the way to construction documents within one intuitive environment and user interface.

Improved User Interface

- New streamlined user interface helps users find favorite tools and commands faster, locate lesser-used tools more efficiently and discover new features more easily.
- Customizable Quick Access Toolbar allows one-click access to a user's favorite and most frequently used tools.
- The ribbon feature is organized around the way designers work, enabling users to find the tools to accomplish tasks without searching all over the user interface.
- Consistent user interfaces between most Autodesk software applications allows users to move between programs more smoothly.

Performance and Interoperability

- New native 64-bit support enhances the software's ability to handle large projects and improve performance and stability for memory-intensive tasks such as rendering, printing, model upgrading and file importing and exporting.
- Expanded API (application programming interface) support.
- Export to AutoCAD® Civil 3D® software and import from Autodesk® Inventor®, while preserving parametric data.
- gbXML (green building XML) improvements allow users to help streamline the collaboration process with external analysis applications.

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