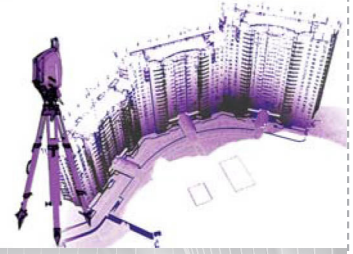


## IMAGINiT's Scan to BIM

Create a Revit model from your point cloud data.



IMAGINiT's Scan to BIM™ builds upon the Autodesk® Revit® platform to provide additional point cloud functionality and modeling data that can be trusted and validated.

With the release of Autodesk® ReCap, the new point cloud engine for Revit, Autodesk has combined point cloud and photogrammetry allowing designers to visualize and use larger datasets in ways previously unavailable. IMAGINiT's Scan to BIM moves beyond simple operations to allow designers and engineers to interact with point clouds, assisting with automated recognition and placement of architectural elements such as walls, columns and MEP elements such as pipes, ducts, conduit and more.

Features with this release of Scan to BIM include a new 'view from scanner' feature, a topography update that allows you to filter out items you don't need and enhancements to viewing speed, section markers, pipes, round and rectangular columns and more. Together these enhancements provide you with increased productivity and more accurate quality assurances.

As laser scanning technology becomes the norm for gathering data on as-built conditions, use of point clouds in models becomes increasingly essential. Eliminate time spent modeling point clouds outside of Revit—work natively in Revit with Scan to BIM. Work more efficiently with a higher level of accuracy and tools that you can trust. The Scan to BIM software add-on for Revit makes the scan to model process easier.

Scan to BIM works directly inside Revit so you can visualize and interact with point clouds. Scan to BIM 2014 provides tools which allow you to get a good, clean building information model. It also helps with tools that automate placing and, in most cases, recognizing geometry. Use Scan to BIM on renovation or retrofit projects and quickly change "what is" into "what could be".

Built by the people who brought you IMAGINiT Utilities for Revit, IMAGINiT Clarity and Clarity Workshare, Scan to BIM 2014 offers many enhanced features. Our developers work hand-in-hand with clients and scanning providers, listening to their feedback and product needs, in order to provide unique features that are relevant to the way you work today.

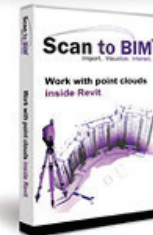
### Re-engineered for Autodesk Revit 2014

View a Demo  
and see the  
new features  
in action



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### Download a Free Trial

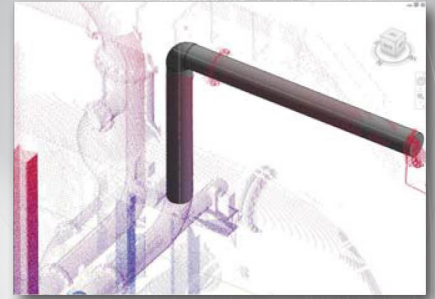


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30 days

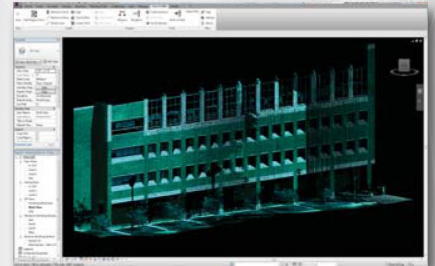
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## Scan to BIM key features include:

- ▶ Tools to assist with creation of Revit elements including:
  - Walls (Straight or Arc), Columns (Rectangular or Round), Pipe, Conduit and Duct (Rectangular or Round), Levels, Embedded Curtain Walls
  - Construction geometry to assist with other element types
  - Clean Topography Extraction
- ▶ Supports Interference/Clearance Detection for Geometry vs. Point Cloud
- ▶ Workflow-based tools to help set up and work on your model with the point cloud
- ▶ Viewing enhancements to quickly create useful views and toggle point cloud viewing options
- ▶ Align/Extend existing geometry to match the point cloud
- ▶ Measure points within your scan to quickly find true dimensions
- ▶ Visualize accuracy by comparing the Revit elements against the point cloud
- ▶ The ability to export/import data in a format understandable by electronic surveying equipment, so you can read in survey data for as-built conditions, as well as exporting design data for field verification
- ▶ Support for Floating Network Licenses
- ▶ New “Getting Started” Tutorials and How-tos
- ▶ And more



Using Revit MEP and Scan to BIM, Duct and Piping can be generated from the point cloud.



Using the imported point clouds, the modeling elements you create have a greater level of accuracy.

“Working with 3D laser scanning data is a critical part of our workflow. Using the Scan to BIM™ software allows us to work more efficiently by leveraging that data in Revit to generate elements directly. This proved invaluable on a recent project—we knew that the as-built information was developed directly from the point cloud data, and it provided us with the confidence to move forward.”

- Kelly Cone, Innovations Director  
The Beck Group



Redstack (formerly IMAGINiT Technologies) is a leading provider of design technology and services to engineering and architecture professionals. With over 15 years of local experience, we provide the expertise, training and support to help companies realise the full power of their design technology. We partner with the world's leading technology providers such as Autodesk, SAP, IMAGINiT Technologies and RAND Worldwide to provide local service with the support of global resources.



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