

## Revit Healthcheck Data Sheet

Designing buildings today is a tough business. Owners want more data, more powerful deliverables, access to the plans and designs as they are being done, multiple iterations. They want to see energy analysis and they want to do all of this on or under-budget. Building information modeling (BIM) is no longer an option, but a necessity for firms today, but how can you keep your BIM technology and processes a competitive differentiator for your firm?

### Are Inefficient BIM Processes Dragging Down Your Team's Performance?

Where ever your firm may be in the adoption of BIM, if you have invested in tools like Autodesk® Revit® you need to ensure you reap the business benefits and productivity gains that these tools promise. If you are not recognizing gains from the benefit of informational model data, model sharing, parallel development and optimized workflows, then you aren't getting the most out of these powerful tools. While investing in BIM technology can increase profitability, reduce risks, and eliminate inefficiencies, teams must use BIM tools properly.

Typically 4% of a company's processes can contribute up to 50% of its inefficiencies. But, how do you know whether you are using the right BIM tools and processes? Does your organization suffer from the following?

- ▶ Production staff frequently asking how drawings should look
- ▶ Inconsistencies in printed drawings or in the model data
- ▶ Your team exports models back into AutoCAD drawings before sending to other team members
- ▶ Team members are using workarounds or going back to AutoCAD
- ▶ Files are very large because information has been incorrectly embedded or objects have been over-modeled

If you recognize any of these symptoms, you may have model sharing, workflow or over-modeling issues.

### Revit Health Check – A Proven Way to Increase the Value of Your BIM Technology

To derive maximum value from Revit, organizations must enhance their BIM processes. Although it's often difficult for project teams to recognize the flaws in their workflows, IMAGINiT's Revit Health Check can help.

With deep industry expertise, the IMAGINiT team of experts has the know-how to help pinpoint critical BIM workflow issues and address them through better use of people, processes, and technology. A Revit Health Check analysis process has two phases:

#### Phase 1: Team Interviews

IMAGINiT's BIM specialists interview project teams to better understand the work being done. The objective of these conversations is to assess how teams use Revit and to identify inefficiencies and proficiency gaps.

#### Phase 2: In-Depth Analysis of Revit Project Files and Documents

The IMAGINiT team then performs an in-depth investigation of all Revit project files and related documents to answers key questions such as:

1. How well do projects perform?
2. How well are worksets, phases, and other design options utilized?
3. How are files shared or linked into one another?
4. What is the quality of Families used in a project?

After interviews and analysis, the IMAGINiT team provides actionable information so organizations can derive the maximum benefit from their BIM technology. Every Revit Health Check generates two deliverables:

1. **The top ten items that your team can improve right now.** This list offers actionable information so teams can immediately begin to optimize workflows and implement efficiencies.
2. **A report with high, medium, and low priority actions.** This document fully describes the Health Check findings and helps keep teams on track, as they strive over time to realize BIM's full potential.

With better BIM processes, teams can streamline work, increase collaboration, and deliver projects faster, more economically, and with reduced environmental impact.

- Good design standards free your team from making trivial decisions and let them focus on what matters most: great design for your clients.
- True model sharing enables coordination and prevents costly errors during construction.
- Multiple design alternatives can be studied earlier in the process, resulting in better informed decisions related to design and environmental impact.
- Software performance and team productivity are enhanced.

Thanks to IMAGINiT's Revit Health Checks, firms are realizing the full business value of BIM and profiting from project insight through intelligent 3D modeling.

## About IMAGINiT Technologies

IMAGINiT Technologies, a Rand Worldwide Company, is the world's largest provider of enterprise solutions to the engineering community, including the building, manufacturing, civil and mapping industries. With 20+ years' experience, and 45 offices throughout North America, we provide the expertise, training and support to help companies realize the full power of design technology, maximize ROI and gain competitive advantage.

IMAGINiT is a leading provider of Autodesk software solutions and the largest North American Autodesk Authorized Training Center (ATC) partner. All of our locations are supported by a vast pool of engineering resources focused on developing real-life business solutions for their local clients.



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