

CUSTOMER SUCCESS STORY

Stantec Enhances Design Team Efficiency with IMAGINiT Clarity



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Stantec is a full-service global design firm that engages in engineering, architecture, interior design, landscape architecture, surveying, environmental sciences, construction services, project management, and project economics for clients worldwide. With more than 22,000 employees in over 400 locations across six continents, Stantec is ranked as a top ten global design firm by *Engineering News Record* and a top ten architecture firm by *Architectural Record*.

“Once teams use Clarity, they love it and get hooked on it, because it saves time.”

— Ian Roth, Regional BIM Manager, Stantec

In June 2017, Stantec acquired RNL, a Denver-based, 134-person integrated architectural, interior, landscape, and urban design firm. For several years, RNL has been a user of IMAGINiT Clarity which works with Revit to allow project teams to access data, automate tasks, and provides project and model level analytics.

The Challenge: Enhancing Team Efficiency on Large Projects

Stantec’s Denver, Los Angeles, and Arlington, VA offices regularly engage in various large-scale projects ranging from urban design to workplace, civic, transit facilities, higher education, and mixed-use facilities. These long-term projects are complex when it comes to creating, publishing, and sharing models and drawings. In 2014, Ian Roth, regional BIM manager, recognized the need for project teams to manage their time more efficiently. Automating tasks like generating PDFs, as well as copying files, publishing Autodesk® Navisworks® and Autodesk® Revit® models, and CAD drawings would allow the team to recoup a significant amount of time.

What Happened Next: Implementing and Using IMAGINiT Clarity

Roth was familiar with IMAGINiT Clarity and its automation capabilities, and thought it would be a good fit for Stantec’s needs. “We didn’t seriously consider any other solution, because no other product can do what Clarity does at scale,” Roth noted. Implementing IMAGINiT Clarity was straightforward and Roth began introducing the solution to teams working on large-scale projects. “Once teams use Clarity, they love it and get hooked on it, because it lets them focus on high-value tasks by automating the low-value ones,” said Roth.

Stantec uses IMAGINiT Clarity in three key ways:

- **Enhanced Collaboration.** Thanks to IMAGINiT Clarity automation, files can be dropped into specific shared folders within Newforma, which is Stantec’s project management solution. Newforma then shares those files with Stantec consultants. In addition, files shared from Newforma can be automatically imported through Clarity for use by designers.
- **Improved Efficiency Through Automation.** With IMAGINiT Clarity, Stantec’s project teams can automate the publication of Navisworks files, PDFs, and CAD drawings. Clarity is also used for weekly posting of Revit models. “Our users hit the button, keep working, and pick up their results later,” said Roth.
- **Streamlined File Cleanup.** Stantec has extended IMAGINiT Clarity by sequencing tasks and running an internally developed custom batch routine. Clarity automatically runs the script, cleaning up an output folder, and renaming files to conform to project standards.

Stantec initially advised users to run IMAGINiT Clarity overnight, due to concerns about how the system would impact the network. This concern turned out to be unfounded. “We now run Clarity at all times of the day and it’s been no problem at all,” noted Roth. Currently, Stantec’s Denver, Los Angeles, and Arlington, VA offices have approximately six projects using Clarity.

Looking Ahead: Expanded Use of IMAGINiT Clarity

Stantec’s Buildings Digital Practice Team had been considering the use of IMAGINiT Clarity even before the company acquired RNL in June 2017. They were excited to learn about RNL’s successful Clarity implementation, and are now looking to expand IMAGINiT Clarity to several additional offices. Roth regularly demonstrates Clarity to project teams and BIM managers who work in other Stantec locations. “It’s definitely worth it. Over the course of a year, Clarity can have a significant impact on productivity. It recovers the hours that project teams spend on low-value tasks and lets them focus on what’s really important,” said Roth.



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 over 25 years of 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.



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