



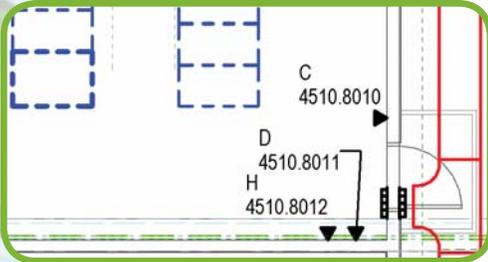
Ideate Software Presents: Spotlight on Sparling

Studies in Success

Solution Toolkit: Autodesk® Revit®, Microsoft® Excel®, and Ideate BIMLink

“We are using Ideate BIMLink with great success to simplify several tedious tasks.”

—R. Robert Bell,
Design Technology Manager,
Sparling, Lynnwood, Washington



How Sparling is Solving Large Project Challenges with Ideate BIMLink

Specialty consulting firm Sparling, an Ideate Software customer, faces daily challenges in its electrical engineering, technology design consulting and audio/visual consulting. The firm is maximizing its BIM advantage with Ideate BIMLink – an Autodesk Revit tool that improves information flow, facilitates collaboration and makes managing BIM data faster and easier.

Eliminate Warnings – in 10 Minutes vs. Forever

According to R. Robert Bell, Design Technology Manager for Sparling, “We are using Ideate BIMLink with great success to simplify several tedious tasks. On some really large projects, we have owners who are getting pretty savvy about auditing the Building Information Model. Warnings are something that they focus on, so we are compelled to eliminate all of the Duplicate Mark warnings. Ideate BIMLink makes quick work of this task, which would otherwise take forever. It lets us check for duplicates and quickly fix the errors within the Excel environment.

Make Datacenter Asset Tagging Easy

On a large datacenter project, the Mark identifier (parameter) was being used by the owner to track assets. Whenever there was a data drop, the owner wanted the data drop to have a special numbering system, their own specific asset code. Like many clients, this one had its own database requirements.

Robert Bell explains, “Natively in Revit, our role would have been quite an overwhelming challenge. But, to create the asset code and coordinate was easily doable with Ideate BIMLink. We could see what asset belonged with each number. Ideate BIMLink made it so much easier.”

Another member of the Sparling team, Nathan Ellis, Project Manager, Technology Consulting, describes some of the ways Ideate BIMLink has helped him with a large datacenter project:

- Editing information on 100+ sheet projects, such as changing designer name, moving sheets around, or setting whether a sheet is in a submittal package.
- Getting a list of 500+ data outlets destined to be connected to electrical hardware. The team could verify that every piece of hardware needing an outlet got one. (Nathan was able to export the data outlet list to Excel and then compare with an Excel file provided by the client.)
- Editing the outlet type and tag information for those 500+ outlets when the client requested that they be tagged on the drawings with the outlet name.

R. Robert Bell,
Design Technology Manager, Sparling



“In just a few minutes we were able to tag a couple of hundred outlets using the method the client requested. The time savings was probably on the order of days, not just hours.”

—Nathan Ellis, Project Manager,
Technology Consulting, Sparling



Respond to Changes in Mid-stream Quickly

“In another project altogether,” Robert Bell says, “We did Sheet numbering and View Title setup one way. Then, about half way through the project, based on the architect’s requirements, everything needed to be changed. We were able to make the changes easily and quickly.”

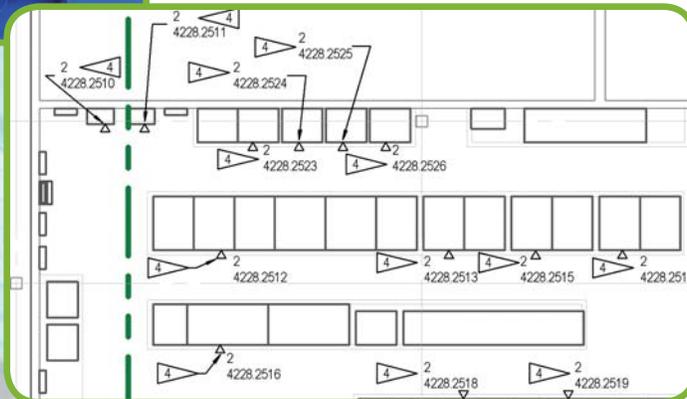
Nathan Ellis adds, “On our new projects, we are managing the sheet list in Revit. Ideate BIMLink allows for a quick and easy method to manipulate the list. Also, when the architect asked for the Sparling sheet list so they could compile a master list, it was just a matter of exporting and emailing.

**Nathan Ellis,
Project Manager,
Technology Consulting,
Sparling**

Other sub-consultants on the team sent screen shots. Not us. We were ahead of the game on that one.”

Conclusion

Robert Bell says in summary, “Ideate BIMLink lets us provide a far higher level of service than we would be able to achieve without it.”



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—R. Robert Bell

About Sparling

Sparling, a specialty consulting firm with offices in Washington, Oregon, and California, offers electrical engineering, technology design consulting, audio/visual consulting, and acoustical and lighting design services. The firm provides design excellence and market leadership to fuel smart decisions in a wide variety of markets, from healthcare to biotech, education to entertainment. Sparling believes in the promise of originality. With a 67-year legacy of leadership, the firm’s 130 seasoned professionals work collaboratively to deliver design excellence in their own backyard and on a national stage.

About Ideate Software

Ideate Software solutions, a set of far-reaching Building Information Modeling (BIM) data management tools, help Autodesk Revit users solve problems in architectural, engineering and construction (AEC) workflows and help the Revit community leverage BIM to its fullest advantage.

About Ideate, Inc.

Ideate, Inc. is a leading Autodesk Authorized Developer with 25+ years’ experience in software development and specific focus on Building Information Modeling (BIM) and is an Autodesk solutions provider offering quality software, training, support and custom consulting services to the AEC industry since 1992. Headquartered in San Francisco, California and operating Autodesk Authorized Training Centers (ATCs) in California, Oregon and Washington, Ideate is recognized as an Autodesk Gold Partner for Architecture, Engineering and Construction, one of Autodesk’s highest levels of authorization.

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