

Spotlight on Modulus Consulting

Solution Toolkit:

Autodesk® Revit®, IdeateApps, Ideate BIMLink, and Ideate Explorer for Revit

Saving Time and Increasing Accuracy with Ideate Software Applications

Since 2010, [Modulus Consulting](#) has been serving building designers, contractors, and owners throughout the San Francisco Bay Area and across the country. They help project teams leverage the power of building information modeling (BIM), providing services from BIM implementation mentoring to AEC design modeling, pre-construction coordination, and construction fabrication modeling. With diverse backgrounds and extensive experience, Modulus understands the practical challenges presented by BIM to companies and project teams

“I got hooked on Ideate BIMLink 10 years ago when I was at a global architecture firm,” said Victor Castillo, BIM Product Manager, Modulus. “When I joined Modulus, I recommended that we get the software. BIMLink makes it far easier to view and edit project data but, more importantly, it enables me to perform quality control workflows that wouldn’t otherwise be possible. It’s an essential tool that I rely on regularly.”

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Modulus has expanded its use of Ideate Software applications to include Ideate Explorer and Ideate Apps. Here are some ways it uses them:

Ideate Explorer: Victor encourages his team to always leave Ideate Explorer open so it’s readily available to use for even rudimentary tasks like selecting hidden objects instead of visually looking for them. “For example, when a CAD file is imported but isn’t visible, it has often been placed on the wrong level or outside of the view range. With Explorer, we can select the file and change the associated level without having to edit the view or switch to another,” he said. The team also uses Ideate Explorer to select all linked Revit models to verify they’re pinned or quickly get a sense of how many family types or instances are in the model.



Victor Castillo, BIM Product Manager, Modulus.

Ideate BIMLink: Modulus uses this tool to take Ideate Explorer to the next level. Where Ideate Explorer lets them manage or manipulate small groups of elements at a time, Ideate BIMLink lets them manage the model content on a greater scale. For instance, they use it to merge facilities management data in and out of project parameters. “Owners often ask us to track numerous attributes per asset type and instance, meaning we regularly have to manage thousands of parameter values across a project. BIMLink makes it easy,” said Victor.

IdeateApps Smart Delete: Although this tool was designed to warn users of elements that will be deleted with a selection, Modulus found another use. “Before we relocate a tagged object, we use Smart Delete to help us locate any views that have annotation attached to the object before we move it, so we can follow up the move by making sure tags and dimensions on all views still read cleanly,” said Victor. “Without it, we could be searching for a needle in a haystack.”

IdeateApps Clone: “We use Clone to automate the process of duplicating sheets, saving us time and reducing the chance of errors,” said Victor.

Advancing the AECO Community

Modulus provides BIM guidance, support, and services to building project teams, and Ideate Software develops applications for Autodesk’s Revit software for BIM. A deep mutual respect led to a formal partnership where each refers business to the other. Together, Modulus and Ideate Software bring a deep bench of BIM services and solutions to the architecture, engineering, construction, and building owner (“AECO”) community.

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