Procore Puts 3D Models into Buildersâ€™ Hands with Procore BIM

Procore Technologies, a leading provider of construction management software, has announced Procore BIM, the newest product on its platform which unlocks the potential of Building Information Modelling (BIM) by providing field teams with performant access to 3D models on their iOS devices.

Virtual design and construction (VDC) teams spend hours working with their design, operations, and trade partners to coordinate system installation information (3D models) during design in an effort to improve project predictability in the field. This process can cost millions of dollars, but unfortunately today, 3D models are rarely used on mobile devices in the field due to model complexity, processing requirements, and file format. Instead, the models largely exist on a public jobsite computer or on a project engineer's laptop.

Making BIM accessible

Procore BIM effectively bridges the gap between VDC teams and field teams through intuitive design and functionality that makes BIM accessible to everyone in construction. Now teams can publish their coordinated 3D models directly to the Procore iOS app, and view them from any Apple device. Procore BIM finally puts 3D models in the hands of the people in the field installing, validating, and tracking the work.

"We invest more than US$2 million on coordinating a project, but there was no way to effectively deliver the model to the field, until now with Procore BIM," said Howard Simble, SR MEP Superintendent, Robins & Morton. "If you have 2D drawings you usually find problems when you're trying to install the equipment, and that's a little too late to find a problem. Procore BIM gives us a tool that we have never had before, and it's extremely user friendly to a point where everyone picks it up almost immediately."

"3D models provide a central location for critical project information, and with many large construction projects utilizing BIM, we want to ensure that everyone involved in the project has access to the information," said Tooey Courtemanche, Founder and CEO, Procore. "When 3D models are in the hands of the people actually installing and validating the work, the value derived from virtual design and construction to mitigate risk, reduce waste, and increase productivity is finally attainable."

Procore's open platform and unlimited user model unlocks the power of 3D models beyond installation validation, enabling models to be leveraged throughout the entire project lifecycle. By having the models on a common data environment, teams have the ability to use the model information to enhance the coordination process during design, mitigate risk during construction, track labor and materials, and optimize billing and pay applications.

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