AIA CES Course #: LBSB24-16

Creating a Digital Stick Set: Data-Driven Knowledge at Your Fingertips

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Description:

Construction drawings contain a wealth of knowledge and design solutions. When a project ends, is archived, and people move on, the institutional knowledge created becomes opaque. Using Artifact, an app leveraging Autodesk Platform Services, to harvest drawings and data within our Revit models, ZGF built a searchable, digital drawing library to improve accessibility to the firm's knowledge.

The session will explore how Artifact became part of ZGF's strategic vision and its implementation, including strategies to secure leadership buy-in, the agile workflow to develop the library's framework, building cross-connections to other sources of project data, driving user adoption through comprehensive documentation, training, and outreach, and a glimpse at what lies ahead. Placing our drawing history conveniently at the fingertips of our PMs and Architects enables a data-driven approach to our practice and decision-making.

Learning Objectives:

1. Create an implementation plan for new technology adoption using an agile project management approach.

2. Develop a framework for a digital drawing library that will require minimal effort to maintain and continue to grow.

3. Identify key strategies to secure executive support and leadership buy-in for implementing technology solutions.