



Josh Bone

BIM Services Manager



@BIM2TheBone

Presentation Topics

The Landscape of BIM:

A 360° Look at BIM

Working within building information modeling (BIM) software is exciting and challenging for most construction companies. It's easy to pick a software, jump in, and start modeling, but it's important to take the time to plan the right BIM workflow for your business. In this presentation, Josh Bone, with a decade of experience using BIM software, discusses the fundamental steps to drafting, finalizing, executing and maintaining successful and profitable BIM implementation.

Learning Objectives

- Review different BIM workflows and output exports, and when to use each type to accurately communicate with consultants.
- Explore how BIM impacts your workflow at all stages of the process from design to clash detection to construction.
- Learn about the different model types requested from consultants and how these can be easily derived from a single building information model
- Discover how to identify types of BIM risk and how to resolve and avoid these pitfalls in your project.

BIM on a Budget

When it comes to selecting a BIM solution, the options range widely in complexity and cost. For those kept on the sidelines by the cost of BIM, Josh Bone will discuss how to get in the game and keep up with the competition without breaking the bank or overwhelming your staff. Get the insight, tools and tips to select and implement an affordable BIM solution and increase efficiency on your projects.

Learning Objectives

- Review what Building Information Modeling/Management is and what programs are available for 3D modeling.
- Gain a better understanding of BIM as a process.
- Learn to identify all key tools necessary to develop a company level BIM execution plan.
- Evaluate cost effective BIM software solutions.



Josh Bone

BIM Services Manager



@BIM2TheBone

Presentation Topics

How to Build Your Own BIM Execution Plan

A detailed BIM Project Execution Plan (BEP) is a must-have for any AEC firm employing BIM. The plan helps manage efficient workflows, direct data exchange rules, and deliver BIM projects on budget and on time. In this presentation, Josh Bone sorts through best practices, case studies and tips for building a sustainable BEP for your company and projects.

Learning Objectives

- Understand the full scope and all key tools necessary to address BEP, and how to create your own custom checklist.
- Identify and distinguish the different BIM languages in the contract.

Discuss how to utilize a BEP as an addendum.
- Learn how to define how BIM will be used in the project, and how files will be exchanged and shared.
- Go through exercises to define Level of Development.

Construction Technology Accelerated Change

This presentation will introduce attendees to the fast paced world of construction technology. The AEC industry has traditionally lagged behind in adopting new technology, but with advancements in mobile and cloud based solutions that is rapidly changing. We will cover how technologies like augmented and virtual reality along with 3D printing, robotics, drones and much more are changing how we design and build. Join us and take a glimpse into the future of construction.

Learning Objectives

- Discuss industry statistics from an annual Construction Technology Survey of over 2,500 builders, regarding new tech solutions and strategies for construction.
- Review the latest advancements in fabrication, augmented and virtual reality and laser scanning.
- Learn how robotics, 3D printing, drones and BIM/VDC (4D & 5 D) are reshaping the job site.
- Analyze potential use cases for new tech and how to foster a culture of research & development.