

Class ID: 323138

# How 360-Degree Reality Capture Moves the Needle for a \$1.2 Billion Construction Project

Andrew Cameron  
Hensel Phelps

Christian Claus  
HoloBuilder, Inc.

## Learning Objectives

- Learn how to effectively deploy 360-degree reality capture on a billion dollar project with multiple field engineers who capture
- Learn about how to increase value for the owner and stakeholder relations on a mission-critical project using reality capture
- Learn about the future of reality capture and how it will impact the industry
- Gain a checklist on how to effectively work with technology partners to drive value for your project

## Description

Andrew Cameron, project manager with Hensel Phelps, will share his insights from pioneering 360-degree reality capture on his project, the \$1.2 billion Harvey Milk Terminal 1 at the San Francisco International Airport, since 2016. He and his team of 16 field engineers have worked closely with HoloBuilder over the last three years to invent and build out many of the workflows and features that are essential on tens of thousands of construction sites around the world today, including 360-degree markups and the JobWalk app itself. He will discuss how to use 360-degree documentation to drive value on a billion-dollar project for the client, stakeholders, and his project team. He will also share his experiences of how to successfully partner with construction technology providers to build the technologies you always wanted. To highlight the team's successful innovation partnership, he will reveal the latest co-developed solutions to speed up and even automate reality capture on projects.

## **Speaker(s)**

### **Andrew Cameron**

As a Project Manager with Hensel Phelps, Andrew Cameron has been involved in the successful completion of a wide range of projects having worked his way up through the field, office, project engineer, and area superintendent positions. He started his career in the Mid Atlantic District as an intern on one of the largest design-build projects to date, The Pentagon. Throughout his career, Andrew has worked on numerous federal projects, the Marriott Marquis in Washington, D.C., SFO Terminal 3 East, and currently on the \$1.2 Billion SFO Terminal 1 Center. Andrew cares deeply about client happiness and satisfaction during the construction process. He actively works to bring new technology into the construction field and as a member of The Society for Construction Solutions – Bay Area, is constantly meeting and working with innovative AEC technology companies and individuals.

Andrew graduated from Roger Williams University with a Bachelor of Science in Construction Management and is a registered DBIA Professional.

### **Christian Claus**

Christian Claus is the Chief Marketing Officer and Head of Partnerships at HoloBuilder, Inc. Before transitioning into marketing and partnerships, Christian was HoloBuilder's VP of Product Management for 3 years. He started his career at SAP in Walldorf, Germany, before moving to the U.S. where he worked at German Accelerator, a government sponsored organization that brings innovative German technology startups to the U.S. where he was responsible for helping startups enter the U.S. market with new innovations following Lean Startup practices. He holds a Masters Degree with honors in Entrepreneurship from HULT International Business School, as well as an Undergraduate Degree in Business and International Relations from Aston University, Birmingham, UK.