

CS500556

Why 360 Cameras Are Becoming the Standard for Site Documentation

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Learning Objectives

- Learn to implement 360 cameras on site
- Helping your organization integrate 360 capture into workflow
- Navisworks Integration
- Autodesk Build Integration with StructionSite

Description

In this session, we'll take a deep dive into how cameras can instantaneously make an impact at the project level or at the organizational level. We'll explore how we can begin to use photos not just as a reference tool, but as a collaboration, scheduling, and risk management tool.

Speaker



fortunate enough to have worked for great people and institutions. Both as an intrapreneur and as a researcher, I have been able to experience multiple areas of the construction industry.

Previously held the titles of Innovation Manager and Assistant Superintendent for Consigli Construction having experienced both field operations as well as scaling/vetting technologies for company initiatives.

Also, previously a Research Associate at Harvard University founding/project managing the Virtual Harvard project which consisted of creating high resolution photogrammetry models for historic preservation.

360 Cameras Implementation Strategy

When implementing a new technology, it is important to establish the success metrics early on to ensure the team is working towards the same goal. With 360 cameras as the new standard for documentation, that could be identifying the milestones at which photos must be taken along with the capture cadence for general progress.

Product Kick Off

Having a small sub-team be responsible for the captures and product relay of information from the software company to the rest of the general company has worked in my experience. Beginning with either someone who is more comfortable with technology yet has enough industry experience to understand the project's needs as well. This person will be trained and responsible for the captures, and hold a product kick off meeting to review the viewing and sharing capabilities of the product to the other team members who will benefit from the technology.

Initial Capture Product Demo

Once you complete your first VideoWalks to establish an example for the teams to view - Invite all users with the correct permission levels of admin, collaborator, or viewer only. Ensure the vantage points and agreed upon cadence is completed to ensure the teams will be able to rely on the photos for their needs.

Collaboration within the Company

Invite remote Project Managers, Project Executives and other internal stake holders. Project services groups such as QA/QC Managers, MEP Managers, and VDC Managers also find benefit by having access to the site remotely.

Collaboration outside of Company

Collaborators outside of your organization could include the Owner, Architect, Engineer and other consultants.

StructionSite PlayBook:

<https://info.structionsight.com/the-playbook-0>