The Future of Quantification with Autodesk Construction Cloud
Nick Zeeben
Autodesk

Learning Objectives
- Learn about the challenges facing estimating teams
- Learn how Construction Cloud software’s connected environment helps improve quantification workflow efficiencies to overcome the challenges
- Learn how to perform 2D and 3D quantification from the Construction Cloud
- Discover how to further empower estimators for improved budget and scope planning

Description
Estimating teams play a vital role in winning new business. Yet many of today’s solutions lack collaboration, require a highly manual process, and too often result in siloed data across teams. Join this session to learn how estimators can benefit from next-generation 2D and 3D technology to deliver best practices in quantification and estimating. You’ll also learn how Autodesk will be driving the industry forward with connected, cloud-based, preconstruction planning tools with the power of automated tooling and machine learning.

About the Speaker
Nick Zeeben is a Sr Product Manager in Autodesk Construction Solutions leading the group building Quantification workflows across Autodesk Construction Cloud. Nick has worked in both PM and QA capacities across Autodesk for the last decade.
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Challenges Faced by the Construction Industry

Construction industry has a history of fragmentation which has a direct impact on productivity at different stages in the project lifecycle. Information is siloed, trapped in binders, spreadsheets or email, which means information sharing is delayed. It potentially exposes team members to operate from different versions of reality.

This primes your team for missing deadlines, decreasing productivity, and making more errors.

Challenges in Construction Today

- Limited Budgets
- Tight Schedules
- Fierce Competition
- Labor Shortage
- Distributed Teams
- Uncertainty
Challenges Faced by the Estimating Teams

Before project cost and schedule can be developed, estimators have the responsibility of quantifying all the contents of a building from drawings, specifications, and models. These quantities are used to deliver an accurate cost and scope for the project. This exercise represents one of the biggest project risks for construction managers. Estimators today are faced with time consuming and disorganized 2D takeoff processes. Lack of collaboration and transparency makes it increasingly difficult to meet tight deadlines. Estimating teams are often left working off out-of-date project documents that leads to mistakes and low confidence in estimates.

How to Overcome Challenges with Autodesk Quantify

Autodesk delivers connected construction through the Autodesk Construction Cloud, a set of solutions that support the inter-connected needs of teams, projects and businesses. Autodesk Quantify, part of Autodesk Construction Cloud is an integrated 2D and 3D takeoff solution that empowers estimators to create competitive bids by performing faster and more accurate 2D and 3D takeoffs all in a single, cloud-based solution.
How does Autodesk Quantify Help Overcome the Challenges

- Increased Collaboration
- Single Source of Truth
- Connected 2D + 3D Experience
- Improved Accuracy in Numbers
- Standardization
- Automation

To learn more about Autodesk Quantify, view the session and please visit:
https://construction.autodesk.com