

SD340654

VDC for all fish in the sea: BIM is a fish tank, VDC is an aquarium.

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Learning Objectives

- Gain insight from a national General Contractor's perspective on how traditional design and construction delivery methods are changing to accompany lean construction techniques, integrated technology solutions, and project delivery avenues that allow for enhanced collaboration through integrated workflows.
- How specialized teams such as 'Virtual Design & Construction' and 'Integrated Design Delivery' are paving the way for enhanced integration across industry participants.
- Understanding how A/E/C services are becoming more integrated and streamlined through the use of collaboration tools and the efficiencies gained through digital collaboration environments.
- Learn how terms like 'Building Information Modeling' tools and deliverables have transitioned into a more holistic discussion about 'Virtual Design and Construction' process and delivery.

Description

BIM isn't enough for successful Builders anymore. BIM's siloed methods don't encourage the communication and collaboration needed among Owners, Designers, Builders, and Trade Partners.

There is a paradigm shift happening in the A/E/C industry where BIM is being replaced by Virtual Design & Construction (VDC). VDC's macro focus supports the collaborative effort needed to meet shrinking timelines on increasingly more difficult projects. No project team will succeed without integrating the people, processes, and technology available to the A/E/C industry. We are in a golden age of technology and individual knowledge. How technology is leveraged to connect generations and various project team members is not just a theory, but

necessary. For too long our industry has suffered from siloed workflows, poor communication, and lost information. We have to be better in order to achieve higher levels of delivery and standards as an industry.

Alex Belkofer from McCarthy will share their experience of BIM & VDC from design through construction of the St. Louis Aquarium at Union Station. He will discuss their workflows, the collaborative BIM Execution Plan the team developed, and how the team collaborated to overcome the challenges of constructing a 120,000 square-foot modern aquarium in a 125-year-old national historic landmark.

Speakers

Mark Ciszewski

Director of Sales
Revizto

Mark is an extremely passionate professional when it comes to efficient project coordination. He has worked with customers around the Globe and has helped them incorporate Revizto into their already complex workflow. With the nature of Revizto's intuitiveness, there are hundreds of successful Revizto workflows Mark is involved with weekly. With that knowledge, Mark is able to listen to each firm's current workflow and give them a jump started into firm wide adoption of Revizto.

Alex Belkofer, CM-BIM -

VDC Director
McCarthy Building Companies

As a regional leader and national collaborator at McCarthy, Alex is responsible for the overall strategy, implementation, and execution of the virtual design and construction (VDC) lifecycle process between all project stakeholders. From corporate office to construction site, the VDC Team promotes, trains and guides McCarthy Project Teams through VDC processes/practices over the course of a building's design and construction lifecycle. Alex works closely with Project Directors, Project Managers, Owners, and A/E partners to establish early expectations and project deliverables at all project phases. Alex is a key contributor serving on McCarthy's National VDC Leadership Group to enhance the delivery and consistency of VDC/BIM-enabled strategies and best practices company-wide. Education: Dual Degree – Architecture + Construction Systems Management | The Ohio State University

