

Mark Mergenschroer

Customer Success Engineer - BIM 360 Ops

BLD322176





About the speaker

Mark Mergenschroer

Mark is entering his 24th year in the industry and has moved into the role of Customer Success Engineer for the Autodesk BIM 360 Ops Software. With this role, Mark will be working with customers on the successful integration of BIM 360 Ops, leading pre-sales opportunities, speaking at industry events and developing case studies with our customers.

Mark is an adjunct professor at Arizona State University on the subject of Building Commissioning and Facility Start-Up. Mark has focused on new and improved ways for a Facility Manager to maintain the operations of a building for its lifecycle.

Class Description & Learning Objectives

How can you make your Revit asset and location data usable for your owner? Help your building owner realize the value of your efforts to keep the model up-to-date during design and construction. Empower the facilities team to begin operating and maintaining the building from Day One.

- Learn how to prepare a Revit model for export to BIM 360 Ops
- Identify FM assets and add key properties to the elements for tracking
- Publish rooms to use as locations in BIM 360 Ops
- Transform a Revit file with IMDF to create an Indoor Map for use in BIM 360 Ops with Apple Indoor Positioning

Agenda

FACILITY MANAGEMENT REVIT MODEL

Demonstrate how to prepare your Revit model for handover in BIM 360 Ops

REVIT ROOM LOCATIONS

Learn the workflow to set up and export room locations with the BIM 360 Ops Revit Add-in

FACILITY MANAGEMENT DATA

See best practices for using Revit element types, categories and parameters for each asset and how these properties transfer to BIM 360 Ops

APPLE INDOOR POSITIONING

Transform a Revit file with IMDF into an Indoor Map for use in BIM 360 Ops with Apple Indoor Positioning to show technicians and vendors a path to their assigned ticket or a nearby asset, track mobile assets with iBeacons, and view a list of new tickets as a heat map on a floor plan for better triaging

FACILITIES

BIM 360 Ops Overview

What is Autodesk BIM 360 Ops?

- Easy to use, mobile-first maintenance management solution with web and mobile clients
- For maintenance managers, technicians, and building occupants
- Connects BIM asset data to the people who need it most, when they need it, where they need it
- Creates actionable tickets from building sensors
- Provides indoor maps to locate tickets and assets, do wayfinding for technicians, and enable more effective ticket triaging and analysis



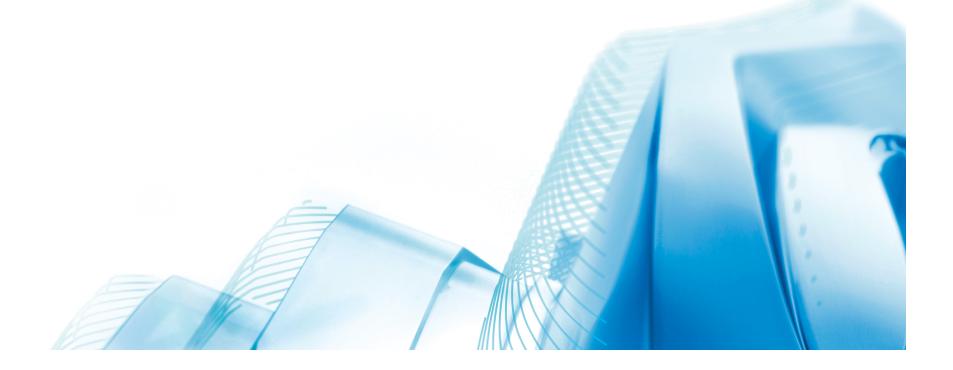
What Are the Benefits of BIM 360 Ops?

- Enables owners to begin operations on day one with a turnkey maintenance and asset management solution
- Helps owners realize the operating potential of their buildings and reduce expenses from unmaintained equipment
- Offers a simple and elegant mobile and responsive web interface that meets the needs of the mobile maintenance workforce
- Improves the facility team efficiency by delivering indoor maps that make ticket and asset data immediately actionable and contextually relevant

BIM 360 Ops Classes at AU 2019

Session ID	Title	Day and Time
BLD322234	Getting Started with BIM 360 Ops	Tuesday 1:30
BLD322245	Indoor Mapping for Facility Operations	Tuesday 2:45
BLD322176	Revit to BIM 360 Ops—Exporting Asset and Location Data for Facilities Management	Tuesday 4:30
BLD323807	Autodesk Facilities and BIM 360 Ops: How We Integrated Our Systems and Why	Wednesday 8:00
BLD322056	Maintaining Models with Value: What OSU Learned Moving to BIM	Wednesday 9:15
BLD334451	Leveraging Apple Indoor Maps Program for Building Operations	Wednesday 10:30
BLD322039	FM—with the End in Mind	Wednesday 1:30
BLD323156	How to Manage a Large Portfolio of Buildings in BIM 360 Ops	Wednesday 2:45
BLD322704	BIM 360 Ops for Data Centers: An Application Review	Wednesday 4:30
BLD323162	Existing to Expansion—BIM 360 Ops for the Fayetteville Public Library System	Thursday 8:00
CS323783	Getting Real with BIM 360: A Case Study of Autodesk's Boston Office	Thursday 10:30
CS322863	Enhanced Workflows to Successfully Implement BIM 360 Ops	Thursday 1:30
BLD322830	How to Write an Awesome Facilities Management Data Specification	Thursday 2:45

Facility Management Revit Model



Focus on Facilities

Not the Construction Model

Facilities Model contractual obligations

Each Facility will have different standards

Revit Family Nomenclature

Ask questions about Operations

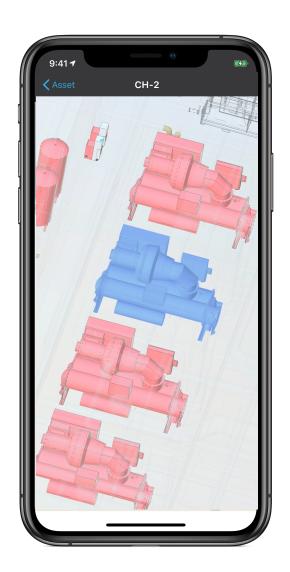
Sample questions to ask:

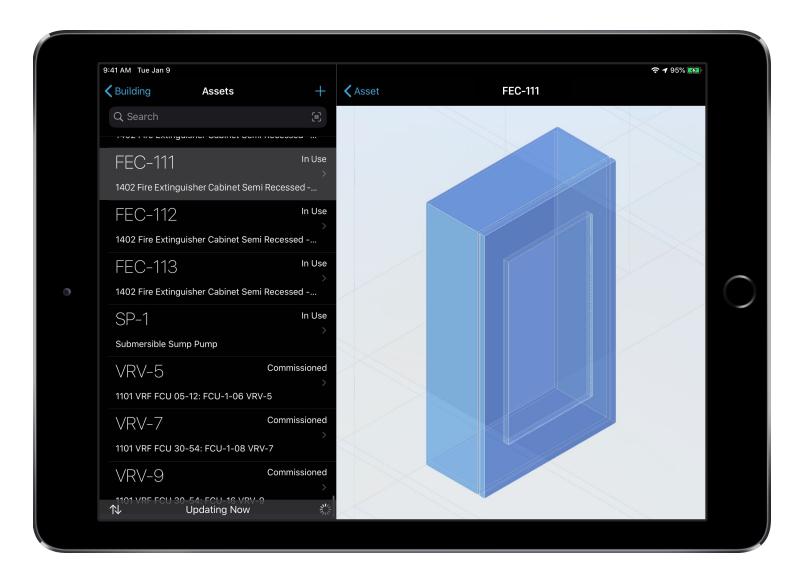
- Do you have a list of assets that you would like to have maintained?
- Do you have an asset-naming or numbering standard?
- Do you want to use 3D geometry
- Will the staff keep the FM model up to date?
- Is the model or the data more important

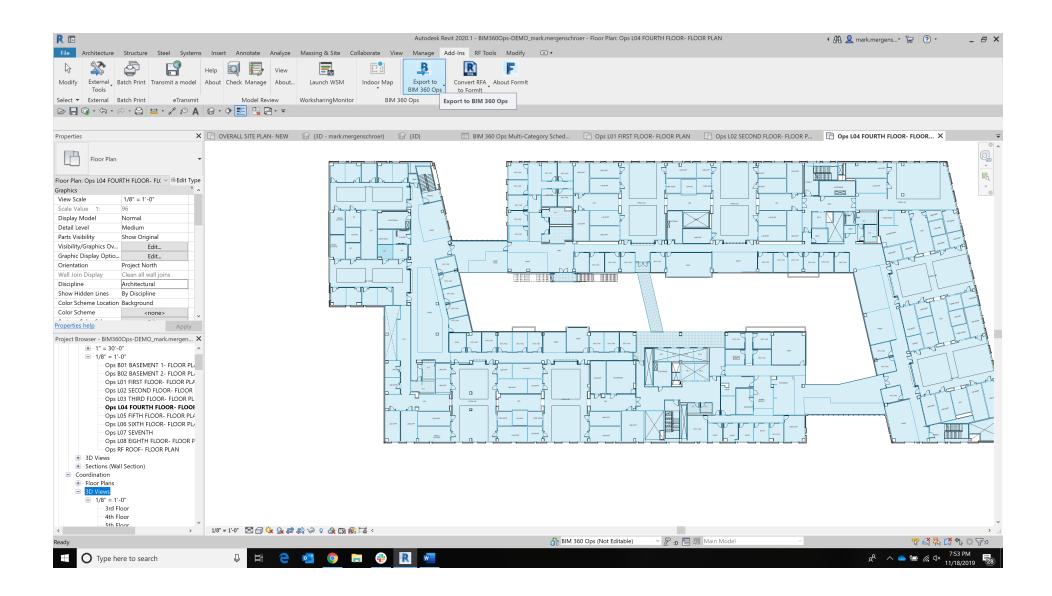


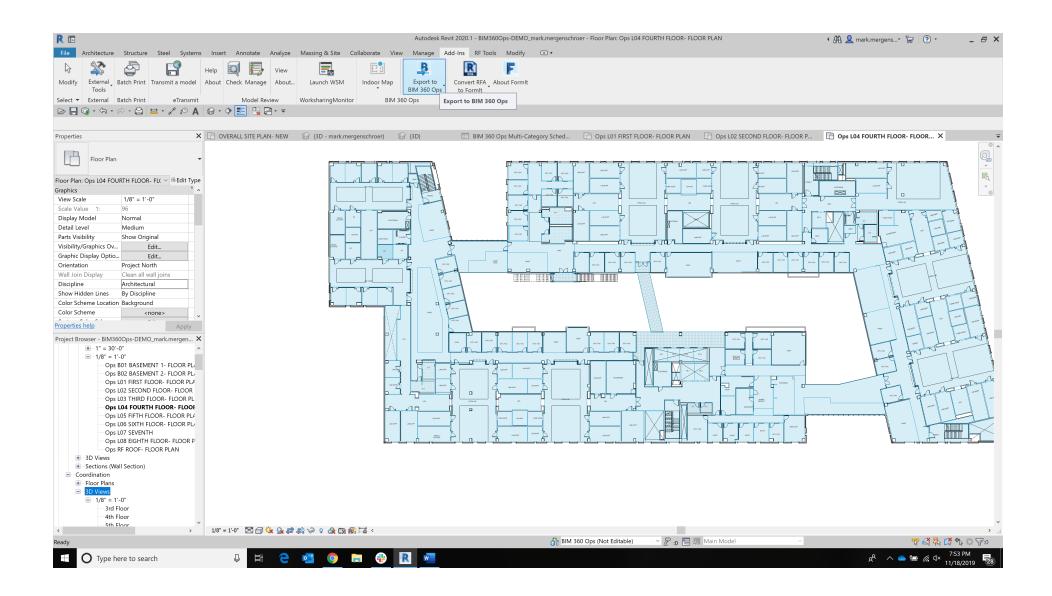
Model Export to BIM 360 Ops

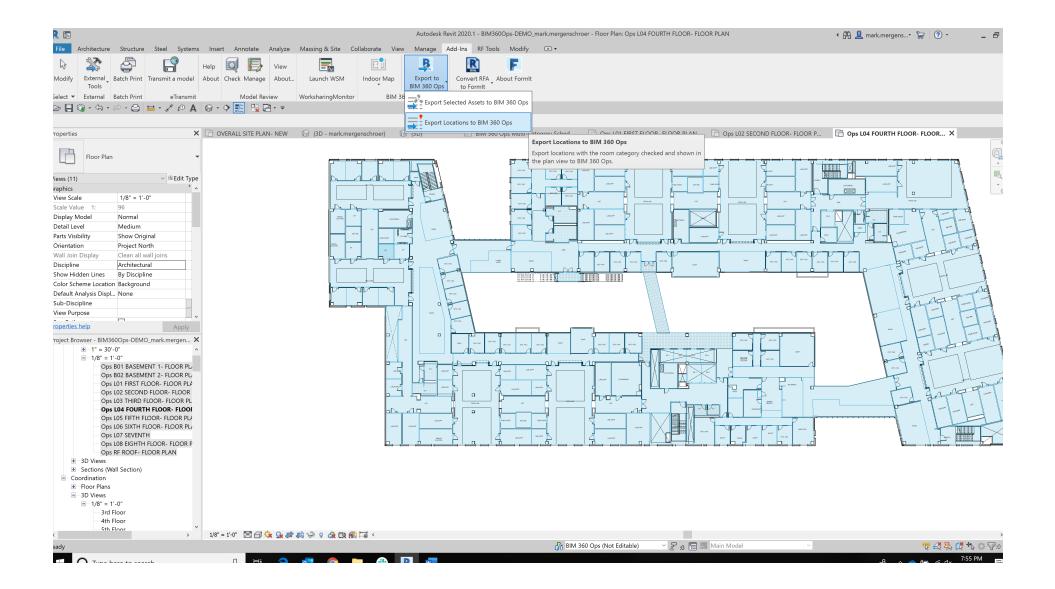
- Assets imported from a Revit model or BIM 360 Build are shown within a 3D space
- The 3D view is available on the web, mobile, and iOS apps
- 3D view helps technicians, vendors, and managers understand the asset context

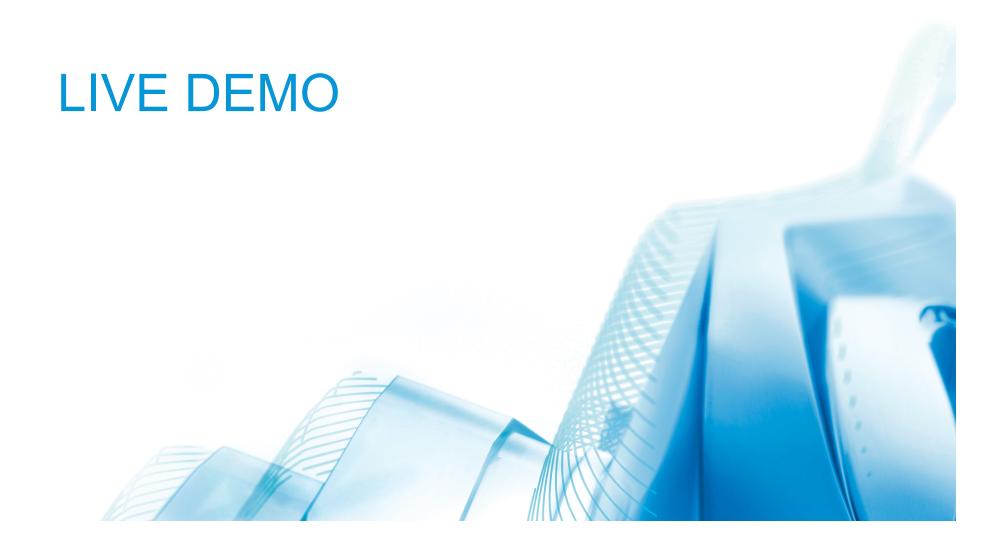












BIM 360 Ops Classes at AU 2019

Session ID	Title	Day and Time
BLD322234	Getting Started with BIM 360 Ops	Tuesday 1:30
BLD322245	Indoor Mapping for Facility Operations	Tuesday 2:45
BLD322176	Revit to BIM 360 Ops—Exporting Asset and Location Data for Facilities Management	Tuesday 4:30
BLD323807	Autodesk Facilities and BIM 360 Ops: How We Integrated Our Systems and Why	Wednesday 8:00
BLD322056	Maintaining Models with Value: What OSU Learned Moving to BIM	Wednesday 9:15
BLD334451	Leveraging Apple Indoor Maps Program for Building Operations	Wednesday 10:30
BLD322039	FM—with the End in Mind	Wednesday 1:30
BLD323156	How to Manage a Large Portfolio of Buildings in BIM 360 Ops	Wednesday 2:45
BLD322704	BIM 360 Ops for Data Centers: An Application Review	Wednesday 4:30
BLD323162	Existing to Expansion—BIM 360 Ops for the Fayetteville Public Library System	Thursday 8:00
CS323783	Getting Real with BIM 360: A Case Study of Autodesk's Boston Office	Thursday 10:30
CS322863	Enhanced Workflows to Successfully Implement BIM 360 Ops	Thursday 1:30
BLD322830	How to Write an Awesome Facilities Management Data Specification	Thursday 2:45



Autodesk and the Autodesk logo are registered trademarks or trademarks of Autodesk, Inc., and/or its subsidiaries and/or affiliates in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product and services offerings, and specifications and pricing at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

© 2019 Autodesk. All rights reserved.