BIM 360: Is It Me You’re Looking For?

Julia Rine
Regional BIM Manager
About the speaker

Julia Rine

After obtaining her master’s degree at the University of Cincinnati, Julia Rine began supporting, teaching, and advising Autodesk products to firms around the world. This is where she found her love for Revit, coordination, communication, and problem solving. Julia then joined the industry as a BIM Manager. Julia is currently a Regional BIM Manager at CannonDesign, supporting a total of six offices along the east coast. She supports training, implementation, setting standards, and Autodesk products.
Agenda

• What is BIM 360?
• Determine if a Project Should use BIM 360
• Identify Collaboration Opportunities
• Learn about BIM 360’s Benefits to a Project
• Case Study 1
• Case Study 2
• Case Study 3
• Case Study 4
• Discuss Challenges your Team must Overcome
What is BIM 360?

The name BIM 360 seems to be a catch-all for most cloud products offered by Autodesk. Some of the products include:

- BIM 360 Docs
- BIM 360 Design
- BIM 360 Plan
- BIM 360 Ops
- BIM 360 Coordinate
- BIM 360 Build
- BIM 360 Layout
Modules

- Document Management
- Project Management
- Design Collaboration
- BIM 360 Blue
- BIM 360 Field
Determine if a Project Should use BIM 360

- Who?
- Time?
- Platform?
- Upgrading?
- Security?
- Benefits?
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Identify Collaboration Opportunities

- Cloud Collaboration
- Create Issues within 3D or 2D views
- Document Log
- All users have access to BIM 360 Docs
- Creating Model Packages
- Creating, Tracking, and Managing RFIs
Identify Collaboration Opportunities

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- Create Issues (Tasks) within 3D or 2D views
- Document Log
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Learn about BIM 360 Software’s Benefits to a Project

- Collaboration
- Stored in One Central Location
- 3 Different Methods of Linking Revit Models
- Tracking of Sheet and Model Version
- Upgrading models
- Relinquish all Worksets
- Non-Revit can Participate
- Create and Manage RFIs
- Create and Manage Issues
- Provides Security
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Design Tech,
Revit cloud model upgrade for Coordinated Seed Files project is complete.

All eligible Revit cloud models in this project have been upgraded from Revit 2018 to Revit 2020. Learn more »
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Case Study 1

- Medical Project
- CannonDesign’s first project in Revit 2019
- CannonDesign’s first project in BIM 360 Design
- Linking Method 1: Controlled sharing
- Been using BIM 360 Docs for about 1.5 years
- Modules activated: Document Management, Project Management, Design Collaboration
Case Study 1: Reasons for using BIM 360

- Previously on BIM 360 Teams or C4R
- Multiple Offices, Firms, and Countries Working in 1 Model
- BIM 360 Document Management’s Features.
  - Create Issues
  - Compare Tools
Case Study 1: Challenges

- Training
- Model Size
- Lack of Communicator
- Creating Packages and Consuming Other Models
- Desktop connector caused many problems
- Not to use the Plan Folder for Worksharing Collaboration
- Compare Tool
- Always Have a Back Up Plan
Case Study 2

- Education Project
- Revit 2019
- Linking Method 3: Live Linking
- Been using BIM 360 docs for 6 months
- Modules activated: Document Management, Project Management, Design Collaboration
Case Study 2: Reasons for using BIM 360

- Multiple Offices, Firms, and Countries Working in one Model
- BIM 360 Document Management’s Features
  - Create Issues
  - Compare Tools
- Hoping to use RFI workflows in the future
Case Study 2: Challenges

- Training
- Provided Security
- Desktop Connector problems
- Can Restore Deleted Models
Case Study 3

- Science and Technology Project
- Revit 2018.3
- Linking Method 3: Live Linking
- Design Build Project
- Modules activated: Document Management, Design Collaboration
- Project Stage: Proposal
Case Study 3: Reasons for using BIM 360

- Time
- Multiple Offices and Firms Working in one Model
Case Study 3: Challenges

- Training
- Must Establish Shared Coordinates
- Desktop Connector Problems
- Corrupt Models can still Happen on the Cloud
Case Study 4

- Template Management
- 2018.3
- Modules Activated: Document Management, Design Collaboration
Case Study 4: BIM 360 Template Management
Advantages

- Multiple People can Work in the Template
- Users who are not in Revit, can View Template Changes at any Time
- Users can Create Markups on the Sheets
- All markups are Documented through BIM 360
- Version Tracking
- Easy Upgrade Process
Discuss Challenges your Team Must Overcome

- Training
- Licensing
- Creating a Folder Structure Template
- Establishing Shared Coordinates
- Lack of Communicator for Revit 2018.3 and 2019
- Desktop Connector
- Cloud Worksharing can be Degraded or Down
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