

AGENDA

- Revit Worksharing Overview
- BIM 360 Design vs. BIM 360 Team/C4R
- BIM 360 Design Account/Project Setup
- Revit Cloud Collaboration
- BIM 360 Design Collaboration Workflow



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MEP FORCE

REVIT PROJECT WORKSHARING

- Allows multiple users to work on a project simultaneously
- Project "Central File" resides on a file server
- Project "Local Files" reside on users' workstations
- Work is "synchronized" between the Central File and Local Files ("Synchronize with Central")



MEP FORCE



BIM 360 TEAM/C4R VS. BIM 360 DESIGN

BIM 360 Team

- "High Trust" Environment
- Minimal notifications
- Stand alone no connection to BIM 360 Docs
- Sharing of data is automatic

BIM 360 Design

- Configurable Permissions
- "Issues" with email notifications
- Includes BIM 360 Docs
- Data sharing and consumption is controlled through the Design Collaboration Workflow

MEP FORCE





BIM 360 DESIGN - ACCOUNT ADMINISTRATION

- Add Administrators
- Add Companies
- Add Members

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BIM 360 DESIGN - PROJECT SETUP

- Activate Services
- Add Members

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 Add Teams (if in a "Low Trust" scenario)

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BIM 360 DESIGN - "HIGH TRUST" ENVIRONMENT SETUP

- Establish appropriate level of permissions for "Projects" folder
 - "Edit" recommended
 - Permissions will "trickle down" to subfolders by default
- Be careful of the "Plans" folder
 - Not for use with "live" Revit models and supporting files.
 - Intended for published reviews
 - Consider limiting permissions

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Software		ASTI.c	om	IINLI I UNDL

BIM 360 DESIGN - "LOW TRUST" ENVIRONMENT SETUP

- Design Collaboration Service
 - Create Teams
 - Streamline membership/permissions by using Companies and Roles
 - Suggestion: Let BIM 360 Design automate main folder creation and assignment of permissions for Teams
- Use the Design Collaboration Workflow to share and consume data

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REVIT CLOUD COLLABORATION

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Revit 2018.3

Revit 2019





CLOUD COLLABORATION - PUBLISH

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CLOUD COLLABORATION - PUBLISH

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FOLDERS

User-specified sheets and views . published, available for viewing and marking up in browser

🔁 AUTODESK' BIM 360' 📋 ASTI - AETG Design Collaboration Only > VA Outpatient Surgical Center -

Name

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III Document Management

Architects

Shared

- Previous versions are still available for • viewing and comparing
- Previous versions can serve as backups ٠





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Architect	Publish from Revit		
BIM 360 Design			
Structural Eng.			
MEP Eng.			
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DESIGN COLLABORATION - PACKAGES





DESIGN COLLABORATION - SHARING PACKAGES

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DESIGN COLLABORATION - CONSUMING DATA



DESIGN COLLABORATION - "SHARED" FOLDER

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DESIGN COLLABORATION - "SHARED" FOLDER



DESIGN COLLABORATION - CONSUMING DATA



DESIGN COLLABORATION - EXPLORE PACKAGES



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DESIGN COLLABORATION - CONSUME PACKAGES

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DESIGN COLLABORATION - REVIT LINKS

<u>Automatic Link Updates vs. Controlled Link Updates</u>

- Link from "Shared" folder
 - Link will be updated every time a package is shared
- Link from "Consumed" folder
 - Link will only be updated when a package is consumed



TROUBLESHOOTING

- No access to BIM 360
 - Make sure a BIM 360 Design entitlement has been assigned to users
- No access to any projects or a specific project
 - Has the user been invited? Can the user go to the project in a web browser?
 - What version of Revit is the project set up for vs. the version being used?
- Access to project, but not to the correct (or any) files or folders
 - Check permissions





TROUBLESHOOTING



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REVIEW KEY POINTS

- BIM 360 Design vs. BIM 360 Team/C4R
- BIM 360 Design
 - Design Collaboration + Docs + Revit Cloud Collaboration + Desktop Connector + BIM 360 Team
- BIM 360 Design Account Administration and Project Setup
- Revit Cloud Collaboration
- Design Collaboration Workflows
 - Packages
 - Sharing and Consuming
- Troubleshooting Common causes of problems





THANK YOU FOR ATTENDING OUR CLASS!

PLEASE FILL OUT THE SURVEY FOR THIS SESSION IN THE APP.

GO TO "MY SCHEDULE" ——> SELECT THIS SESSION ——> SCROLL DOWN TO "SESSION SURVEY"



