

How to run Clash detection in BIM 360 Model Coordination using BIM 360 Design (CS225847)

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About the speaker

Anil R. Mistry

Anil Mistry joined Autodesk as a Technical Support Specialist in February 2014. Currently I am working with the Autodesk BIM 360 Field/Glue support team and based out of Boston, MA office. I am Autodesk product user for more than 20 years. I received my Bachelor's degree in Civil Engineering from University of Massachusetts, Lowell, MA. I have 15 plus years of experience working in Civil/Construction industry and worked on several small to large size projects. I was involved on many highway design projects (The Central Artery/Tunnel Project (BIG Dig), Manchester–Boston Regional Airport, NHFG, Broad Street Parkway, NH)) for Large and Small clients including DOT and municipal clients.

Received “**Certificate of Excellence**” for outstanding performance and excellence while providing oversight on New Hampshire Department of Transportation Federally Funded construction project.



About the speaker

Scott Green

Scott Green is technical specialist on the BIM 360 support team in our Technical Support group at Autodesk. He work out of the Portland; Oregon office and have been with Autodesk for five years. During that time, he has supported Revit, Plant 3D, AutoCAD, Navisworks, ReCap, and BIM 360. He is also a certified technical writer and have hosted several AutoCAD and BIM 360 webinars.

Model Coordination

What is Model Coordination Clashes Grid and how to get here:

Model Coordination | **CLASHES**

All models | Search for models | Last updated 13 Sep 2018 11:24

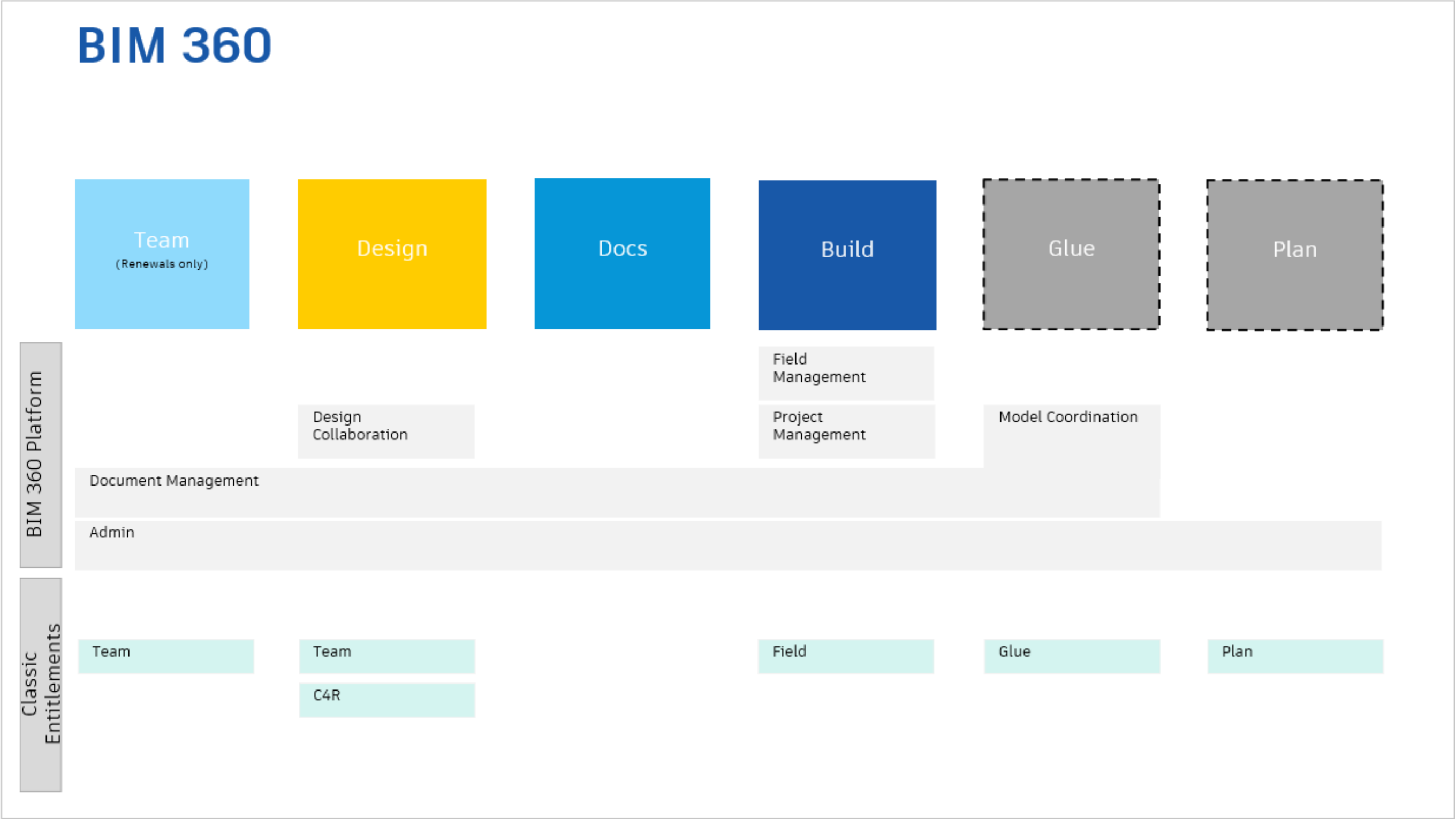
	{3D}_Hospital_L0_Structural.rvt	{3D}_Hospital_L1_Architectural.rvt	{3D}_Hospital_L1_Electrical.rvt	{3D}_Hospital_L1_FireAlarm.rvt	{3D}_Hospital_L1_HVAC.rvt	{3D}_Hospital_L1_Plumbing.rvt	{3D}_Hospital_L1_Structural.rvt	{3D}_Hospital_L2-5_Architectural_Curtain_Wall.rvt	{3D}_Hospital_L2_Architectural.rvt	{3D}_Hospital_L2_Electrical.rvt	{3D}_Hospital_L2_FireAlarm.rvt	{3D}_Hospital_L2_HVAC.rvt	{3D}_Hospital_L2_Plumbing.rvt	{3D}_Hospital_L2_Structural.rvt	{3D}_Hospital_L3_Architectural.rvt
221 clash groups															
{3D}_Hospital_L1_HVAC.rvt 470 clash groups		456	48	2			3		210			2		7	
{3D}_Hospital_L1_Plumbing.rvt 30 clash groups		30	1												
{3D}_Hospital_L1_Structural.rvt 385 clash groups					2			3	95	1				107	48
{3D}_Hospital_L2-5_Architectural_Curtain_Wall.rvt 482 clash groups							3		23					30	159
{3D}_Hospital_L2_Architectural.rvt 564 clash groups		58	94	103	99		263	3		97	81	170	52	280	21
{3D}_Hospital_L2_Electrical.rvt 306 clash groups							1		304		6	81		1	
{3D}_Hospital_L2_FireAlarm.rvt 160 clash groups		1							159	6					
{3D}_Hospital_L2_HVAC.rvt 450 clash groups					2				433	91				9	

Review 58 clash groups between {3D}_Hospital_L2_Architectural.rvt and {3D}_Hospital_L1_Architectural.rvt

Model Coordination Workflow

- What is BIM 360?
- Setting up a New Project and Activate Services (Account Administration)
- Manage Project Members and Access (Project Admin)
- Create structured project folders (Document Management)
- Create Teams (Document Management or Design Collaboration)
- Initiating design models (Revit 2018.3 or 2019 only)
- Set up Model Coordination Folder in Document Management Plan Folder
- Set up Model Coordination Space in Project Admin
- Upload Models for Coordination
- View and Filter Models
- View and Filter Clashes

What is BIM 360?

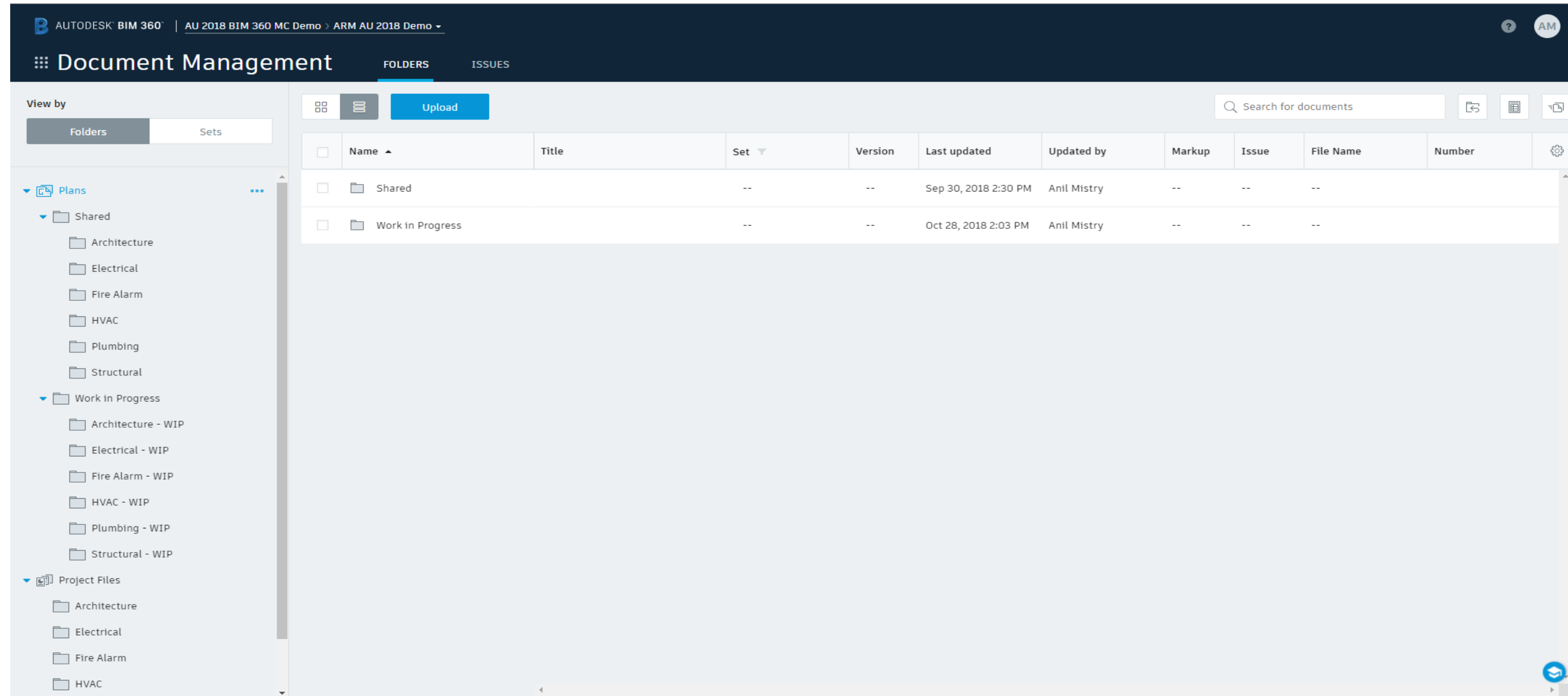


BIM 360 is a unified platform that connects your project data in real-time from design through construction, supporting informed decision-making and leading to more predictable and profitable outcomes.

BIM 360 improves construction project delivery by supporting informed decision-making throughout the project lifecycle. From design collaboration, documentation and reviews, to pre-construction, and through quality and safety and operations, BIM 360 connects the people, data and workflows on your project, so you can see the big picture and keep your projects on track.

The Next-Gen BIM 360 line of applications is a cloud-based series of applications built upon Autodesk Forge platform (Classic BIM 360 applications such as BIM 360 Glue and BIM 360 Field are not on Forge platform).

BIM 360 Document Management:



BIM 360 Document Management (Docs) is a cloud-based file repository and collaboration environment that allows teams to manage blueprints, 2D plans, 3D models, and other project documents. This streamlines the document management process and connects to Autodesk’s other next generation SaaS products on the BIM 360 platform such as BIM 360 Model Coordination, BIM 360 Design (use with Revit), BIM 360 Build (aka Field Management), Design Collaboration (associated in with BIM 360 Design), Project Management, and Project Admin modules. BIM 360 Document Management serves of the focal point of the BIM 360 platform.

BIM 360 Model Coordination:

BIM 360 Model Coordination provides a collaborative environment to publish, review, and run clashes on 3D BIM models. When models are uploaded to a centralized folder within BIM 360 Document Management (Plan Folder), the clash service within Model Coordination will automatically locate any clashes within those models. The module allows for viewing model data and filtering that data to facilitate easier inspection of clashes.

Model Coordination			
Search for models			
<input type="checkbox"/> Models	Contributor	Updated date ▼	
<input type="checkbox"/> {3D}_Hospital_L4_Structural.rvt	Anil Mistry AU 2018 BIM 360 MC De...	28 Oct 2018 18:36	
<input type="checkbox"/> {3D}_Hospital_L5_Structural.rvt	Anil Mistry AU 2018 BIM 360 MC De...	28 Oct 2018 18:36	
<input type="checkbox"/> {3D}_Hospital_L6_Structural.rvt	Anil Mistry AU 2018 BIM 360 MC De...	28 Oct 2018 18:36	
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Model Coordination how to get started

- Setting up a New Project and Activate Services (Account Administration)
- Create structured project folders (Document Management)
- Set up Model Coordination Folder in Document Management Plan Folder
- Set up Model Coordination Space in Project Admin
- Upload Models for Coordination

Questions?

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