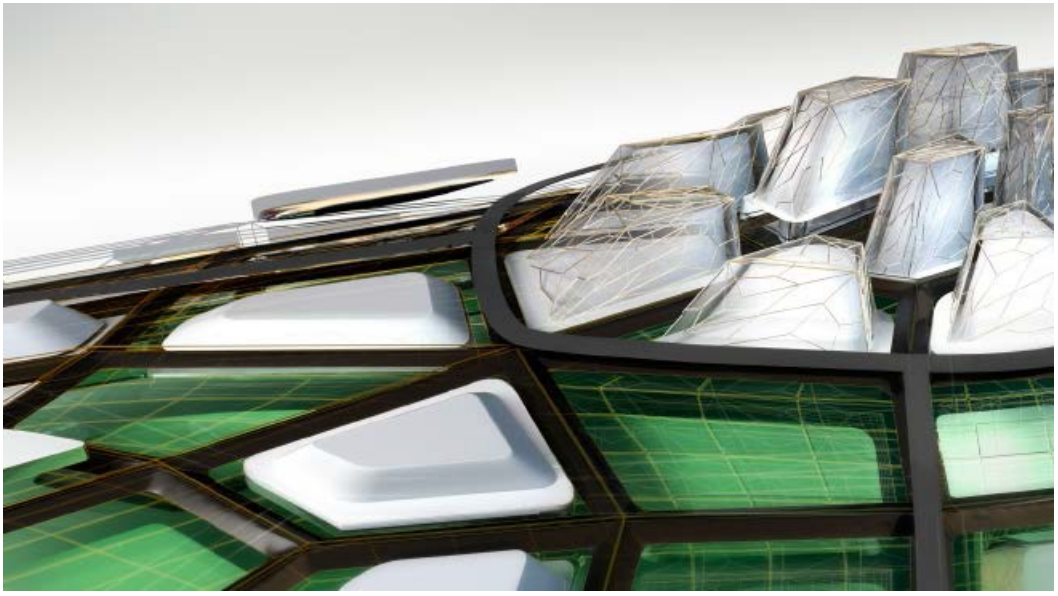
Autodesk® Navisworks® 2016 Service Pack 3

Guide to features and enhancements

September 2015



Please send feedback on this guide to: navisworks.productmanager@autodesk.com

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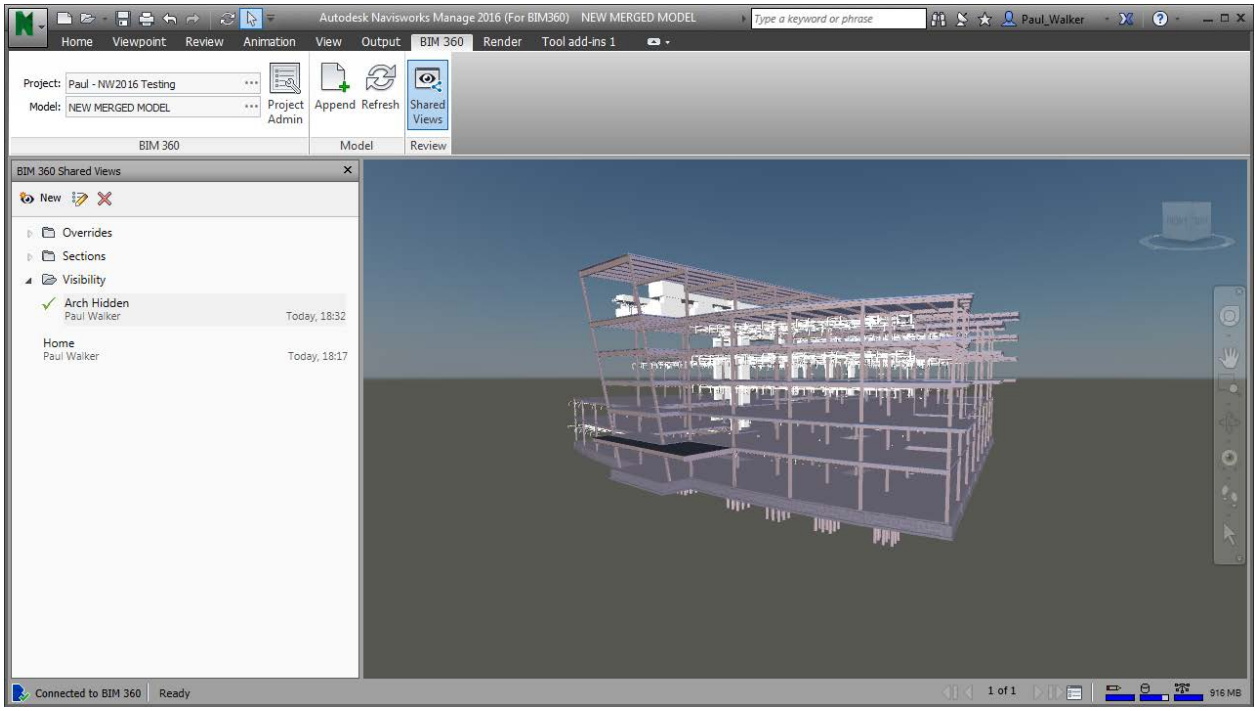
BIM 360 Shared Views support

Navisworks 2016 Service Pack 3 provides integrated Shared Views with BIM 360 Glue. Shared Views created in either BIM 360 Glue or Navisworks are synchronized with the project, providing real-time access across clients. This capability enables users of the Navisworks client, connected to a BIM 360 Glue project, to be able to share views - resulting from their review and analysis activity – with the BIM 360 Glue project team, facilitating increased collaboration.



Shared Views created in any BIM 360 Glue connected client retain view fidelity, including:

- Object Visibility (hidden state)
- Object Overrides – color and transparency*
- Section Planes and Boxes

Shared Views can be saved directly in Navisworks

Shared Views can be renamed, and moved into folders**

Shared Views can be deleted (if the user has the appropriate BIM 360 Glue permissions)

* Shared Views do not retain 'level of transparency' – transparencies are fixed at 95%

** Shared View folders cannot be created in Navisworks. However, folders created in BIM 360 Glue are supported, and can be used for organizing shared views in Navisworks

Primary issues resolved by the Service Pack

Autodesk Navisworks 2016 Service Pack 3 provides the following fixes and enhancements:

AutoCAD

- Fixed an issue where a missing object enabler when opening a CADmep DWG causes Navisworks to crash.

Autodesk Rendering

- Fixed an issue where a cylinder is rendered as a square object.

BIM 360 Glue Interoperability

- Fixed an issue when accessing BIM 360 to open a model from BIM 360 Glue resulted in a server busy message.
- Fixed an issue when saving models that are opened in concurrent sessions of Navisworks.

Core

- Fixed an issue with based loaders creating invalid caches for xrefed files
- Fixed an issue with eye level when walking through models.
- Improved performance when saving a model after updating a viewpoint with color override.

Installer

- Fixed an issue that caused Navigator to crash if Navisworks Simulate/Manage 2016 SP2 is installed.

Inventor

- Fixed an issue where the view is different between Navisworks 2016 and Navisworks 2016 Service Pack 2.
- Improved performance when importing JT files into Navisworks.

MicroStation

- Fixed an issue with opening DGN files in Navisworks.

OGS

- Resolved a Security vulnerability in ATIL and OGS.

PDF

- Fixed an issue where PDF were displaying as blank in Navisworks.

XML

- Fixed an issue when importing viewpoints. Multi-line tags now display as expected.