

Product Release Announcement

Product Category	TheoremXR
Product Group	TheoremXR
Product Release Version	2025.1

Document Type	Product Release Announcement
Document Status	Released
Document Revision	1.0
Document Author	Product Manager
Document Issued	24/03/2025

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History

Revision	Update Information
1.0	Initial document release for Version V2025.1

Product Distribution Media

Product Code	Product Description
Visualization Pipeline	V2025.1 (20250321)
VR Client	V2025.1 – EXE V2025.1 - Installer
Quest Untethered	V2025.1
Focus 3 Untethered	V2025.1
Desktop Client	V2025.1 – EXE V2025.1 - Installer
HL2	Client Coming Soon
AR Android Client	V2025.1 – APK Google Play Store
AR Apple Client	App Store

Flex Version 11.19 is required for this release it can be found [here](#). A new license will be required once flex 11.19 has been installed.

TheoremXR Online Documentation

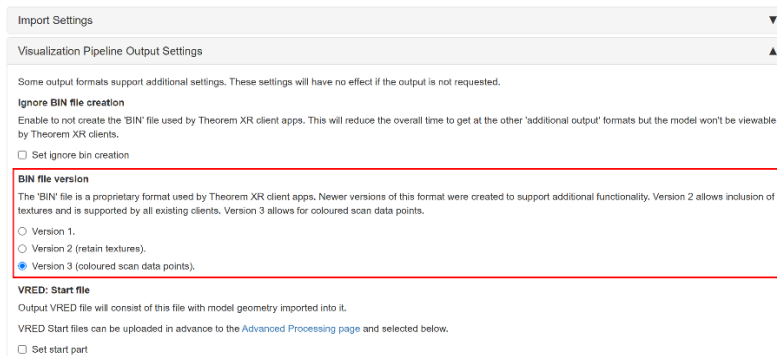
Click to review the [User Guide](#)

New Features / Enhancements

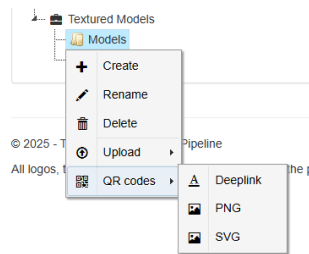
The following new features or enhancements have been introduced with this release.

Ref ID	New Feature / Enhancement Description
Theorem Visualization Pipeline - TVP	<ul style="list-style-type: none"> ● Thumbnail Generator Rotation support <ul style="list-style-type: none"> ○ Rotation values supplied in 'Axis Rotation' are sent through to the Thumbnail Generator to provide correctly oriented model thumbnails. <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> <p>Axis rotation Rotate the assembly. The assembly is rotated clockwise on the z-axis, x-axis and then the y-axis by the values specified (Euler angles in degrees for a left-hand coordinate system).</p> <p><input type="checkbox"/> Apply axis rotation</p> <p>X axis <input type="text" value="90"/> Y axis <input type="text" value="0"/> Z axis <input type="text" value="0"/></p> </div>
	<ul style="list-style-type: none"> ● Shrink-wrap Metadata support <ul style="list-style-type: none"> ○ Metadata is now supported for models that go through the shrink-wrapping process.
	<ul style="list-style-type: none"> ● Multiple 3D Optimization Viewer improvements <ul style="list-style-type: none"> ○ Selection of multiple instances of parts - Instances of parts can now all be optimized at the same time instead of individually. ○ Search bar for commands - Ability to find commands based on keyword searches. ○ Statistics for Polygon count on selected model - Polygon count for selected assemblies and parts.
	<p>Create Command File</p> <p>Use the viewer below to target optimizations to individual nodes. Apply the command file to have the server perform the optimization and return</p> <div style="border: 1px solid #ccc; padding: 5px;"> </div>

- Navisworks upload support
 - Navisworks files can now be uploaded and optimized.
- Binary File V3 - E57 Colour support
 - E57 data that contains colours is now retained when updated.



- Deeplinks for Subfolders
 - QR codes can now be created for subfolders to launch the applications into a specific subfolder.



- Preservation of IIS bindings
 - IIS bindings are now retained when updating between TVP builds.

TheoremXR for VR and Desktop

- Unity version update to 2022.3.39f1
- Improved Point Cloud data rendering
 - Improved point cloud rendering by converting points into billboard squares, enhancing visual density and creating a more cohesive, structured, and immersive representation of the data.
- Manipulation Box for Point Cloud data
 - Data is now supported by the manipulation box allowing it to be sectioned, rotated and transformed in any axis.
- E57 Colour support
 - The new binary file allows for colours to be viewed from point cloud data in the XR applications.
- Improved Two Handed Gesture Controls

TheoremXR for AR

- **Rendered View Mode**
 - Added an option to solely view the model without AR camera tools.
- **Product Structure View port**
 - Product Structure View has been ported to AR adding review and outline tools for model structures.
- **Linked Documents**
 - Documents that are linked via the TVP can be viewed via the PSV panel.
- **Client Caching port**
 - Caching controls have been ported to AR to manage data downloaded between multiple servers.


Resolved Support Calls

The following list of Support Calls are resolved with this release.


Support Call ID	Brief Description
TH-1103	Fixed an issue with large assembly data being uploaded to TVP.
TH-1070	Fixed a script issue with the quadding script.
TH-1078	
TH-1072	
TH-1016	Updated VRED executables.




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