Frontline Spatial | Teamcenter

RapidManual feature description

This document provides information on which RapidManual features are supported in TeamViewer Frontline Spatial's RapidManual integration, provides some context, and offers recommendations on how to best author your RapidManual content for optimal conversion results.



01 Conversion principles

The **Spatial Editor Script** processes project files **(.x3d and .interactivity.xml)** generated by Rapid Author to extract all the necessary information for building AR workflows.

Each **Step/Substep** defined in the Rapid Manual Project contains one or more actions. Each Step (along with its associated actions) is created in the Spatial Editor as a Pin (1 RapidManual Step = 1 Frontline Spatial **Pin**). These Pins are sequentially connected, forming a logical workflow.

02 Recommendations

Since all RapidManual steps/substeps will create their own Pin, it is advisable to reduce the number of actions per step/substep to maintain clarity.

While using unsupported features will not hinder overall usability—they will generally just be ignored—it's best to avoid them to reduce confusion during script creation.

03 Object gallery items

Category	Supported items	Unsupported items
Hand tools	Hammer Oil Can Pliers Pliers Needle Nose Screwdriver (Flat Head) Screwdriver (Phillips Head) Torque Wrench Utility Knife Wrench (Adjustable) Wrench (Open End)	-
General items	_	Animated Arrow Arrow Axial Line Background Callout Callout Image Dimension Directional Light Headlight Control Loupe Panel Image Panel Text Section Plane Section Shield Tighten Label

Primitives	-	Bolt Box Cone Cylinder Flat Cable Hose (Coiled) Hose (Spline) Nut Pipe Cap Pipe Plug Rope Spring Torus Washer
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04 Action implementation / commands

Feature	Supported commands	Unsupported commands
Basic commands	Hide (Fade Out) Show (Fade In) Show-Hide Set Visibility Send Message Shift Transform	Animate Camera Flash Play Sound Restore Color Scale Set Color Set Emissive Color Set Object Parameter Set Transparency Set Viewpoint
Rotation/Screwing	Rotate Rotate with Anti- Stroboscopic Effect Rotate with Anti- Stroboscopic Effect - Shift Screw Screw-Shift Shift-Rotate with Anti- Stroboscopic Effect Shift-Screw	_
Other actions	Reference (setting for object tracking; currently in development)	-

05 Actions

Supported commands	Unsupported commands
Attach the (object) Attach the (threaded fastener) CAUTION (comment) Close the (object) Detach the (object) Detach the (object) Detach the (threaded fastener) Disconnect the (object) Hide the (object) Install the (object) Install the (object) (after Remove) Install the threaded fastener Install the threaded fastener Install the threaded fastener (after remove) Loosen the (object) Loosen the (object) Nove the (object) Reference to (object) Reference to (object) Remove the (threaded fastener) Rotate the (object) Rotate the (object) Send(message): (comment) (pint the cam- era to the (object) Show the (object) Show-Hide the (object) Tighten the (object)	Animate the camera around the (object) Flash the (object) Play (sound) Point the camera to the (object) Set the (object) color to (value) Set the (object) transparency to (value) Set the (object) parameter (parameter) value to (value) Unknown action WARNING: comment (point the camera to the (object))

About TeamViewer

TeamViewer provides a Digital Workplace platform that connects people with technology - enabling, improving and automating digital processes to make work work better. In 2005, TeamViewer started with software to connect to computers from anywhere to eliminate travel and enhance productivity. It rapidly became the de facto standard for remote access and support and the preferred solution for hundreds of millions of users across the world to help others with IT issues. Today, more than 640,000 customers across industries rely on TeamViewer to optimize their digital workplaces - from small to medium sized businesses to the world's largest enterprises - empowering both desk-based employees and frontline workers. Organizations use TeamViewer's solutions to prevent and resolve disruptions with digital endpoints of any kind, securely manage complex IT and industrial device landscapes, and enhance processes with augmented reality powered workflows and assistance - leveraging AI and integrating seamlessly with leading tech partners. Against the backdrop of global digital transformation and challenges like shortage of skilled labor, hybrid working, accelerated data analysis and the rise of new technologies, TeamViewer's solutions offer a clear value add by increasing productivity, reducing machine downtime, speeding up talent onboarding, and improving customer and employee satisfaction. The company is headquartered in Göppingen, Germany, and employs more than 1,800 people globally. In 2024, TeamViewer achieved a revenue of around EUR 671 million. TeamViewer SE (TMV) is listed at Frankfurt Stock Exchange and belongs to the MDAX. Further information can be found at www.teamviewer.com.

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