Version 29 update

MPanel

The MPanel Pro version 29 update is confirmed compatible with AutoCAD 2026 and Rhino8 including their transition to 64 bit net core architecture.

Version 29 requires a 64bit CPU and operating system (Windows 7 to 11)

As usual with our annual updates we've added new tools and further improvements to the modelling and panelling functions.

As always, development is driven by requests from you, our users, so if you have ideas which you think would help you and others, we welcome your ideas and suggestions.

Modeling Tools

Parametric Framed Shade builder - powerful new modelling tool to build framed shade structure models including new automated mesh division and merging to speed up modelling and panelling.

Shape Factor - Previously known as weft/warp stress ratio value has been replaced with a user friendly slider to control the stress in both warp and weft threads to manipulate the shape of a double curved surface fabric form.

▶ **FSS Builder**   ▶ **Shape Factor**

Paneling Tools

Split panels by width - splits large panels by defined fabric width.

Split panels evenly - splits large panels evenly by defined number of fabric panels.

▶ **Panel Splitting**

Mesh Tools

Orient mesh warp up - changes mesh warp direction of multiple meshes to up (+Z)

Orient mesh warp to match reference mesh - changes mesh warp direction of multiple meshes to match a reference mesh which is colored green.

Split mesh for framed shade structure - automates splitting and rejoining 4 framed shade meshes into 2 meshes ready for panelling.

We trust you will enjoy these new features and that they will benefit your company.

Thank you for your continued support and again, we encourage you to provide feedback and suggestions for improvements.

MPanel Support Team April 2025