

# Version 28 update

# MPanel

The MPanel Pro version 28 update is confirmed compatible with AutoCAD 2025 and Rhino8 including their transition to 64 bit net core architecture.

Version 28 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 Barrel Vault builder** - powerful new modelling tool to build barrel vaults including production related offsets to allow for keder/rope track fixings and arch tensioners proving huge time saving in both modelling and panelling.

**Mesh a frame** - Automates the meshing of model frames comprising arcs, polys and splines saving substantial time.

**New Edgemesh "ruled" surface** - produces single panels such as marine front screens with much lower shear strains than traditional meshes.



Barrel Vault



Mesh Frame

## Paneling Tools

**Make mirrored cuff panels** - creates panels of defined length mirrored along any edge and new panels follow the same warp/weft as the main panel.

**Corner truncation "Rebate" option** - truncates panel corners back from the corners to fit specified fitting width such as base of "D"-ring.



Rebate corner

## Minor updates and fixes

- Invert panel during nesting placed stamp text in wrong location - fixed
- Build panel from single entity failed with some - this has been improved
- Paneling error on completely flat panels - fixed
- Export OBJ error - fixed

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 March 2024