MPanel-Pro Major New Feature Version History

Major New Features and Updates	MPanel v14 *Released March 2010*	MPanel v15 *Released June 2011* Works with: AutoCad 2012 & Rhino 4	MPanel v16 *Released May 2012* Works with: AutoCad 2014 & Rhino 4&5	MPanel v17 *Released July 2013* Works with: AutoCad 2015 & Rhino 4&5	MPanel v18 *Released April 2014* Works with: AutoCad 2016 & Rhino 4&5	MPanel v19 *Released March 2015* Works with: AutoCad 2016 & Rhino 4&5	MPanel v20 *Released March 2016* Works with: AutoCad 2017 & Rhino 4&5	MPanel v21 *Released April 2017* Works with: AutoCad 2018 & Rhino 4&5	MPanel v22 *Released April 2018* Works with: AutoCad 2019 & Rhino 4-6	MPanel v23 *Released May 2019* Works with: AutoCad 2020 & Rhino 4-6	MPanel v24 *Released March 2020* Works with: AutoCad 2021 & Rhino 4-6	MPanel v25 *Released March 2021* Works with: AutoCad 2022 & Rhino 4-7	MPanel v26 *Released March 2022* Works with: AutoCad 2023 & Rhino 4-7
Form Finding	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Paneling	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Library of Pre-Defined Models	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Insert 3D Details	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Panel Numbering	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Uses Excel Models	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cross Sections Using Mesh Edges		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Panel Colour Marked Polylines - Makes all panels from Polys at one		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cross Sections Using Curved Internal Cross Sections			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Panel Splitting Tool			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Model Visualisation Tool - Shows Curvature, Gradient and Sun				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Geodesic Seams to make straighter Panel edges for Production				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
On Screen Panel Numbers					✓	✓	✓	✓	✓	✓	✓	✓	✓
Whole Model Reports of Physical Dimension and Stress Estimations					✓	✓	✓	✓	✓	✓	✓	✓	✓
Stamp Tool can use multi part stamp names						✓	✓	✓	✓	✓	✓	✓	✓
Panel Arrange can spread panels radially						✓	✓	✓	✓	✓	✓	✓	✓
Constrain edges to be straight during relaxation for tent lacelines							✓	✓	✓	✓	✓	✓	✓
Smooth Polylines into nurbs or arcs to use with machine measured							✓	✓	✓	✓	✓	✓	✓
Flying Mast conic & tent modelling inc wire support pre-stress								✓	✓	✓	✓	✓	✓
Cantilever pole top deflection - accurate install link lengths								✓	✓	✓	✓	✓	✓
Automated scripting of panelling to panel output stage									✓	✓	✓	✓	✓
Panel complete mesh tool major upgrade - panel numbers simplified									✓	✓	✓	✓	✓
Arrange and panel multiple meshes at the same time										✓	✓	✓	✓
Parametric Model builder, 3,4,5,6 sided frames and pole lean tool										✓	✓	✓	✓
Visualisation of hole and seams and panel numbers to model											✓	✓	✓
Adjusted cable lengths and corner angles reported in reports											✓	✓	✓
Advanced Conic supports building multiple cones											✓	✓	✓
Mesh mirror added and naming updated to be more consistent.												✓	✓
Join meshes updated to handle mixed mesh density												✓	✓
Cross section tool updated to snap extra CS to points												✓	✓
Extended data updated to a property grid format												✓	✓
Panel a complete mesh by fabric width or number of panels													✓
Straighten joined mesh edges when viewed from above													✓
Draw edge mesh auto N/M surf and intersecting curves													✓