## **MPanel-Pro Major New Feature Version History**

Major New Features and Updates	v14 Released March 2010	v15 Released June 2011 Works with: ACAD 2012 & Rhino 4	v16 Released May 2012 Works with: ACAD 2014 & Rhino 4&5	v17 Released July 2013 Works with: ACAD 2015 & Rhino 4&5	v18 Released April 2014 Works with: ACAD 2016 & Rhino 4&5	v19 Released March 2015 Works with: ACAD 2016 & Rhino 4&5	v20 Released March 2016 Works with: ACAD 2017 & Rhino 4&5	v21 Released April 2017 Works with: ACAD 2018 & Rhino 4&5	V22  Released April 2018 Works with: ACAD 2019 & Rhino 4-6	V23 Released May 2019 Works with: ACAD 2020 & Rhino 4-6	v24  Released  March 2020  Works with:  ACAD 2021 &  Rhino 4-6	v25 <u>Released</u> <u>March 2021</u> Works with: ACAD 2022 & Rhino 4-7	V26 Released March 2022 Works with: ACAD 2023 & Rhino 4-7	V27 Released March 2022 Works with: ACAD 2024 & Rhino 4-7
Form Finding	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>
Paneling	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>
Library of Pre-Defined Models	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>
Insert 3D Details	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>
Panel Numbering	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>
Uses Excel Models	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>
Cross Sections Using Mesh Edges		<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>
Panel Colour Marked Polylines - Makes all panels from Polys at		<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>
Cross Sections Using Curved Internal Cross Sections			<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>
Panel Splitting Tool			<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>
Model Visualisation Tool - Shows Curvature, Gradient and Sun				<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>
Geodesic Seams to make straighter Panel edges for Production				<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>
On Screen Panel Numbers					<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>
Whole Model Reports of Physical Dimension and Stress					<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>
Stamp Tool can use multi part stamp names						<b>✓</b>	✓	✓	✓	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>
Panel Arrange can spread panels radially						<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>
Constrain edges to be straight during relaxation for tent lacelines							✓	✓	✓	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>
Smooth Polylines into nurbs or arcs to use with machine							<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>
Flying Mast conic & tent modelling inc wire support pre-stress								✓	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	✓	<b>✓</b>
Cantilever pole top deflection - accurate install link lengths								<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>
Automated scripting of panelling to panel output stage									✓	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>
Panel complete mesh tool major upgrade - panel numbers									<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>
Arrange and panel multiple meshes at the same time										<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>
Parametric Model builder, 3,4,5,6 sided frames and pole lean tool										<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>
Visualisation of hole and seams and panel numbers to model											<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>
Adjusted cable lengths and corner angles reported in reports											<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>
Advanced Conic supports building multiple cones											<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>
Mesh mirror added and naming updated to be more consistent.												<b>✓</b>	<b>✓</b>	<b>✓</b>
Join meshes updated to handle mixed mesh density												<b>✓</b>	<b>✓</b>	<b>✓</b>
Cross section tool updated to snap extra CS to points												<b>✓</b>	<b>✓</b>	<b>✓</b>
Extended data updated to a property grid format												<b>/</b>	<b>✓</b>	<b>✓</b>
Panel a complete mesh by fabric width or number of panels													<b>✓</b>	<b>✓</b>
Straighten joined mesh edges when viewed from above													<b>✓</b>	<b>✓</b>
Draw edge mesh auto N/M surf and intersecting curves													<b>✓</b>	<b>✓</b>
New Tube tool for ducting, inflated pipe, pipe covers														<b>✓</b>
New combined cable and guy links for modelling cable nets														<b>✓</b>
Split panel by edge lengths retains upper and lower panels														<b>✓</b>