Version 21 update

MPanel

The version 21 update adds some powerful new features combined with changes to the core functions of the program to be compatible with AutoCAD 2018. As always, development is driven by requests from you, our users, so if you have ideas which you think would help you, feel free to share your ideas. Below is a brief list of the updates with reference details in the update drawing file and links to some detailed videos which demonstrate how the new features work.

Flying Mast Conics & Tents Modelling

This great new tool allows modelling of Flying Mast/cable supported mast tents and conics to accurately determine the correct location of the mast at pre-stress.

Combined with the new "Link Tension Report" we can now also establish the cable tension for the mast support cables.

▶ **Flying Mast Tent**   ▶ **Flying Mast Conic**

Encastre (Cantilever) Sail Poles

MP21 now shows the amount of deflection of shade sail poles at pre-stress allowing users to accurately establish the lengths of corner link hardware and fittings.

▶ **Encastre pole Video**

Other New Features

- Panel corners can be truncated during seaming - **Drawing F**
- Join Poly Line tool now adds options to allow the user to decide how best to deal with poly lines that do not exactly touch/join- **Drawing G**
- Stiff Links can now be set to float in XY or Z - **Drawing A & B**
- Corner Links previously only available for sails, are now included when building Conics and Pole tents - **Drawing D**
- Link Tension Report shows modelling tensions for edge cables, cable links and stiff links scaled to the set pre-stress - **Drawing E**
- New output settings to assist with panels that will be over printed with graphics

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 feed-back and suggestions for improvements.

MPanel Support Team