

Celebrating twenty years of PPS-Poltinger Precision Systems with a new generation of Guidance Platform

1998-2018 - Just in time for its 20th anniversary PPS announces the newly developed guidance system platform PPS-UNP (Universal Navigation Platform).

„The UNP can be used for all types of underground machinery as it is extremely flexible with respect to hardware being connected and software modules available to fulfill the customised project needs of our clients and their equipment“, Quirin Poltinger of PPS says.

This way clients can use the same core components to navigate a TBM, Roadheader, microTBM, excavator or drill rigs in future. As the open interface allows to connect additional sensors easily, the capabilities of this new platform are nearly unlimited. You may even switch the components from one machine to the other and get going again. Not only does this save on procurement costs but also on resources necessary.

„The basic idea was to provide access from anywhere, any device at any time. Therefore we created the new user-based platform, dividing users into several groups. Every user group has different permissions to login and interact with the system, depending on their role and independent of the device used (desktop or mobile). Furthermore, we wanted to contribute to the fact that our natural resources on planet earth are limited and that our rugged and reliable hardware should be used as long as possible. Therefore, the new software will also work with our old hardware components and older system generations of course“.

With this new platform PPS is able to adapt flexibly to new machinery and their special requirements, which saves on development time and costs for our customers. No matter if you wish to get an OEM embedded or stand-alone package solution.

The all new user based software architecture of the UNP allows to add additional GUI elements fast and uncomplicated. Additionally the new API of this platform allows users to embed the graphical and numerical information provided by PPS into their own visualisation solutions fast and easy to add value to their own solutions. So if you want to make up your own customised user interface with your own brand graphics, this is also possible now.

This way a connection between UNP and customer ERP or project management solutions can be realised easy and fast.

PPS will display the new Universal Navigation Platform during the upcoming BAUMA event in Munich from April 8th-14th at the PPS booth C2.545 in hall C2.