

Interactive Mobile P&ID

Wolfgang Welscher, X-Visual Technologies GmbH, Berlin, Germany;

More and more mobile devices like smartphones, tablets or smart glasses play an important role in commissioning, operation and maintenance of large scale process plants. The goal is to have all the relevant plant information like P&IDs, device data, settings or maintenance instructions on the mobile device. One of the challenges in this scenario is to combine all the data and drawing formats from different software vendors in one application. On the other hand, it is also difficult to update the application directly from the mobile device. Therefore the vendor independent international data standards play an important role, because this enables the user to work more flexible and without interruption.

During the presentation we will show you how engineers can import P&IDs from different software vendors in our Microsoft Visio based solution PlantEngineer and how we enrich the P&ID with data graphics to visualize the procurement or commissioning status.

Then we will show you how the users can work with the data and drawing information on the mobile device and how to navigate to the information via barcode, text recognition, the interactive P&ID or the solution's hierarchical plant tree.