

Discover the Value of Digitalization: Effective Plant Management with COMOS

Felix Schumacher, Siemens AG, Bonn, Germany

Digitalization is a driving and substantial change in our lives. In the way we live and work. In our societies but also economies, in infrastructure and in industry. Siemens is the only vendor worldwide to realize integrated plant management across the entire lifecycle of an industrial plant. COMOS is an object-oriented software solution with an open system architecture and consistent data management ensuring a company-wide information flow without any data loss or inconsistencies.

Usually the different parties who are involved in projects concerning the plant lifecycle have different IT landscapes with different CAE softwares to create P&ID's. Data handover activities in these projects are usually very time consuming. In these projects several hours are dissipated for data handover activities.

Digitalization and standardized data exchange promises lower costs, improved production quality, flexibility and efficiency. It brings a shorter response time to customer requests and market demands.

The international standard ISO 15926 defines a framework for standardized data exchange for engineering data in the process industry. In this presentation we will give an overview about how digitalization creates tangible business value.