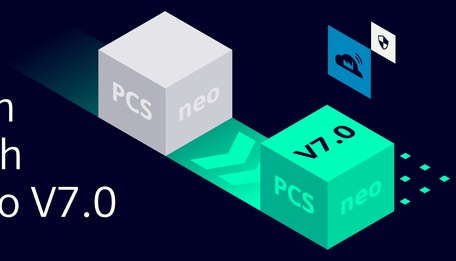
SIEMENS

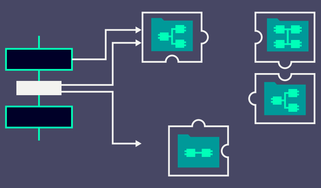
Next-Generation Automation with SIMATIC PCS neo V7.0



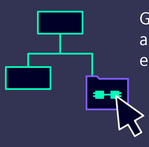
Operational Standardization with Equipment Module Classes

Equipment Module Classes (EMC) enable flexible automation aligned with ISA-88 and ISA-106 standards for reusable and standardized solutions.

Engineer once, instantiate multiple times



Up to 50–70% less engineering effort through reusable templates



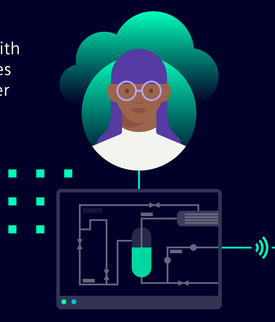
Greater plant flexibility and scalability through easier modifications

Cloud-based collaboration with SIMATIC PCS neo

SIMATIC PCS neo in the Cloud enables collaboration through cloud connectivity and browser-based access and engineering

Portal
Virtual subtenants with hierarchical structures and independent user management

SIMIT
Single sign-on for seamless session transfers

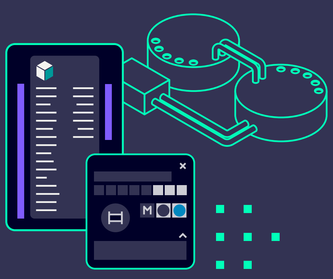


Simplified parallel work through session sharing and automatic conflict prevention

Accelerated project implementation

New engineering functions simplify configuration and accelerate project implementation.

- Automatic faceplate navigation from CFC connections
- Extended template versioning for faster testing and validation
- Updates and enhancements for Advanced Process Library (APL)



Safe and transparent plant operation

SIMATIC PCS neo improves operational transparency and safety through monitoring, alarm management, and integrated functional safety.

- Satellite concept for alarm engineering with system-wide clearing of related alarms
- Enhanced Monitoring & Control (M&C) with alarm banners, object search, and web integration
- Safety compliance with IEC 61508 and IEC 61511 standards
- Safety acknowledgement and two-step operation for critical functions

Perfect fit for the water and chemicals industry

SIMATIC PCS neo V7.0 enables scalable automation across distributed infrastructures and modern process industries.

Water industry
Scalability and Telecontrol for large applications covers small to large distributed applications in water & wastewater

Chemical industry
SIMATIC PCS neo V7.0 delivers a suitable package for continuous plants in chemical industries (e.g. Chemical recycling, Biogas plants and battery upstream)