

Machine Connectivity and Access-Right Management in the Digital Factory

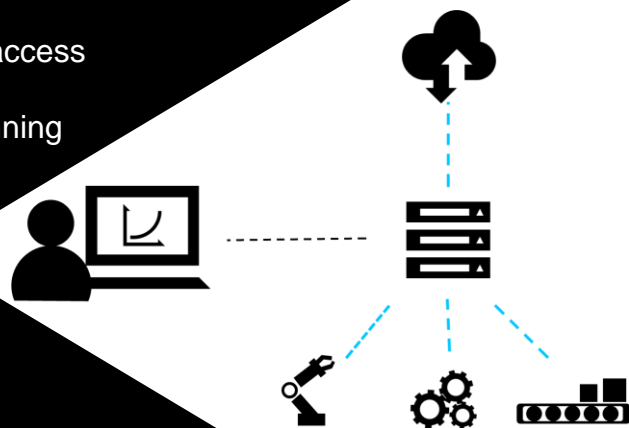
The emergence of clouds and cloud-based technologies led to a shift in how industries operate. However, these cloud-based technologies require uniformly encoded and confidential data to work with. This is why DXC is bringing the private cloud into the premises of a factory. This relieves the pain of having to send confidential data out of a factory's trusted domain to a cloud service. This central intelligence of a factory is able to run cloud services locally or connect machines to them. Furthermore, by using Cybus Connectware, it is possible to translate a machine's native data protocol to a format interpretable by any cloud service.

Project Description

- ▲ Deployment and usage of various shopfloor, MES & ERP services on the DXC Industry 4.0 Platform and Cybus Connectware solution
- ▲ Plant managers can monitor and change data access rights at any time
- ▲ Machine data can be requested by services running locally or off-premise

Benefits – Industry 4.0 Manufacturing

- ▲ Use of numerous digital services
- ▲ Manage access rights to connected machine data
- ▲ Translating existing industrial protocols into a platform independent API
- ▲ Easy to operate and secure



 **Cybus**

- ▲ Hamburg, Germany | 2015
- ▲ Connectivity, security and trust platform for Industry 4.0 services and machines
- ▲ Fine-grained access control
- ▲ Combining industrial hardware and modern software