Mikron miConnector
The machine data connected

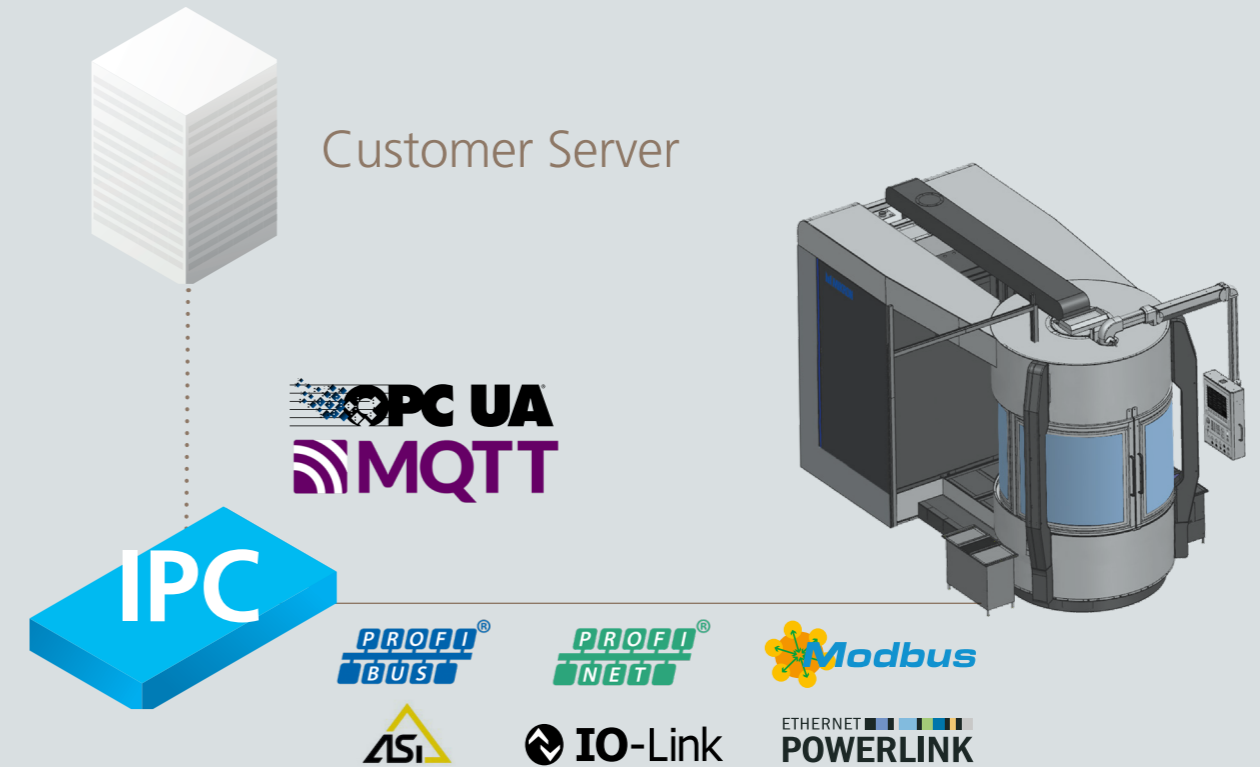**III MIKRON** MACHINING

Mikron miConnector
The machine data connected

In the dynamic environment of the smart factory, the integration of machine data into the system landscape is becoming increasingly important and a key success factor for companies. Mikron miConnector is an easy to install iPC (Idustrial PC) and software kit that allows the data selection and seamlessly transmission to customers PDA (Production Data Acquisition) via e.g. OPC UA. The system is ready for cloud data exchange, via e.g. MQTT protocol. The security is guaranteed via data encryption.

Mikron miConnector is applicable for all Mikron machines as well as other machine brands based on OPC UA, EtherCAT, Profibus, Profinet – and even available for other Fieldbus interfaces like Asi, Modbus.

GENERAL ARCHITECTURE

Customer Server

IPC

TECHNICAL FEATURES & BENEFITS

» Machine data gateway
» Data selection and seamlessly sharing with customer PDA (Production Data Acquisition) via OPC-UA protocol
» Ready for cloud data exchange, via MQTT protocol
» Bi- directional data transmission (e.g. lot number,...)
» Security is guaranteed via data encryption
» Direct connection to your machine controller (machine PLC, CNC)
» Different protocols are available for controller connection (e.g. OPC-UA, Siemens, Mitsubishi, Fanuc, Bosch Rexroth, …)
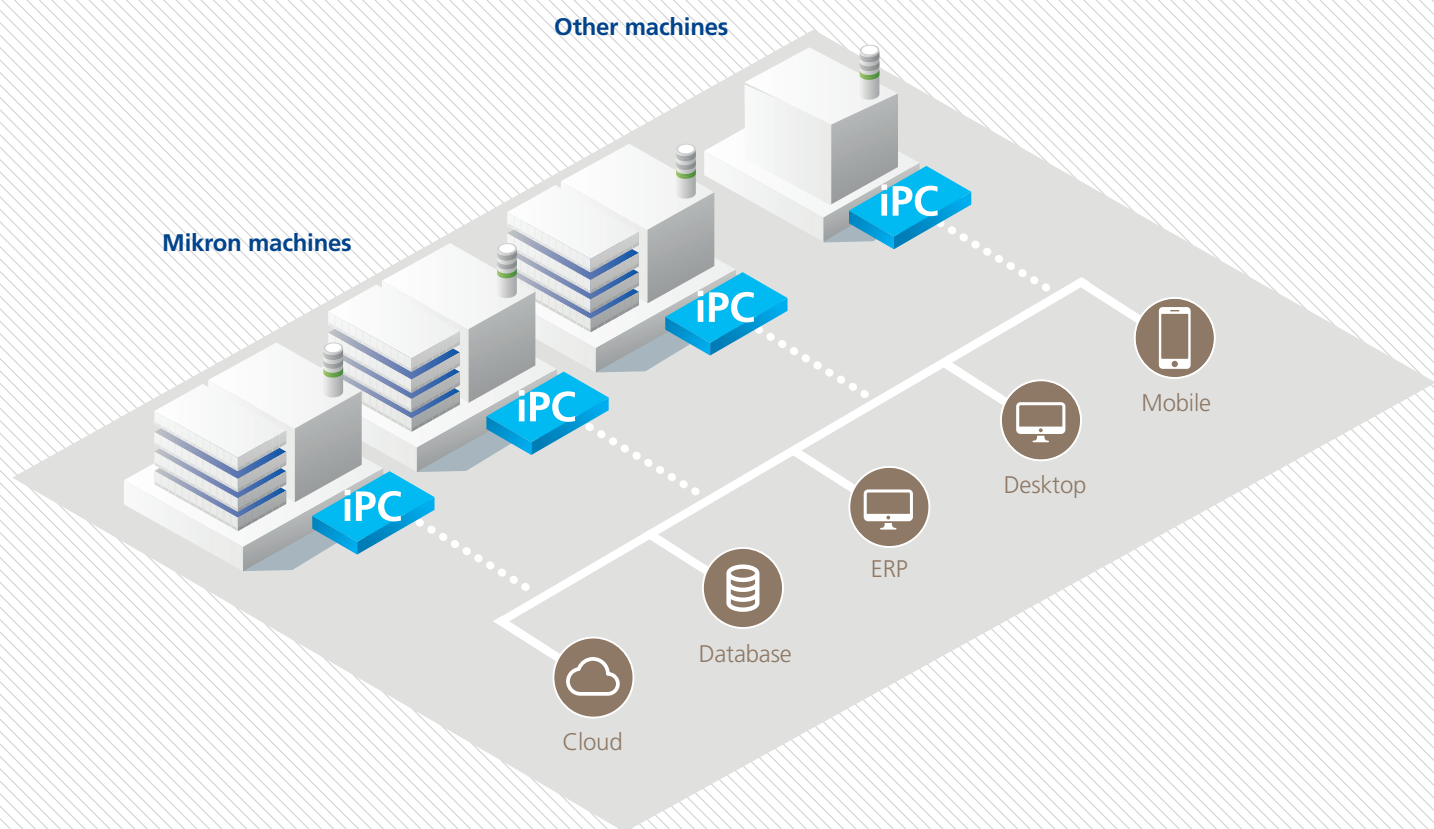» Optionally you can collect input signals (e.g. sensors) from field

Mikron Digital Services
a scalable Solution

Mikron miConnector
The machine data connected

Your production fully connected

Mikron miConnector is applicable for all Mikron machines as well as other machine brands based on OPC UA, EtherCAT, Profibus, Profinet – and even available for other BUS interfaces like Asi, Modbus.

Upgrade your machines in production with Mikron miConnector.

Contact your Service Center today. We gladly be of assistance.

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