



Dosing Plant Control System Concept

Centralized architecture with standalone control

Plant operation & supervision

Supervision panel



Plant Processor Unit

PPU

- BH-DM-PPU Series
- BH-PM-PPU Series

Plant operation & floor



Rate control unit (RCU)



- BH-PM-RCU-LWF Series
- BH-PM-RCU-CFF Series
- BH-PM-RCU-BF Series
-

Production field



Virtual service box



Maintenance department

Configuration & diagnostic workstation

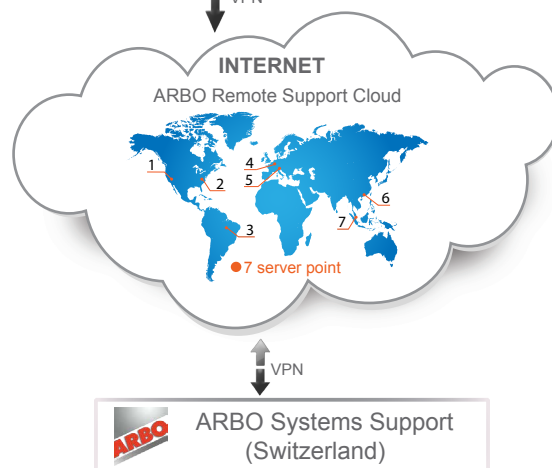


Features

- Mixed control type combinations for up to (3x4) 12 dosing equipment with extension architecture in block of 6 components
- Proprietary network for high speed data exchange over etherCAT between PPU & RCU's units
- Remote HMI touch panel for operation status visualization

Options

- Firewall / Router for connection to ARBO Remote Support Cloud
- Router for integration of maintenance department networked workstations
- Uninterrupted power supply (UPS) backup system with ethernet configuration & diagnostic connectivity



Remote assistance

Are you facing a problem with the dosing equipment?

Our technical support team is located right next door to your facility through the ARBO Remote Support Cloud

All connections are secured by means of tunneled encrypted data exchange (VPN) with our 7 server access points distributed all around the globe

Remote assistance requests are initiated by the customer when needed

Field configuration & diagnostics

- Carry out quick configuration adjustments & malfunction checks with enabled portable devices
- Perform operation fine tuning & analysis from your notebook without installing additional software
- Do all your work enjoying the freedom of using the OS of your choice
- Conveniently operate all of the installed dosing equipment through the virtual service box from one single point while working in local field control mode



Volumetric



Gravimetric



Flowmetered

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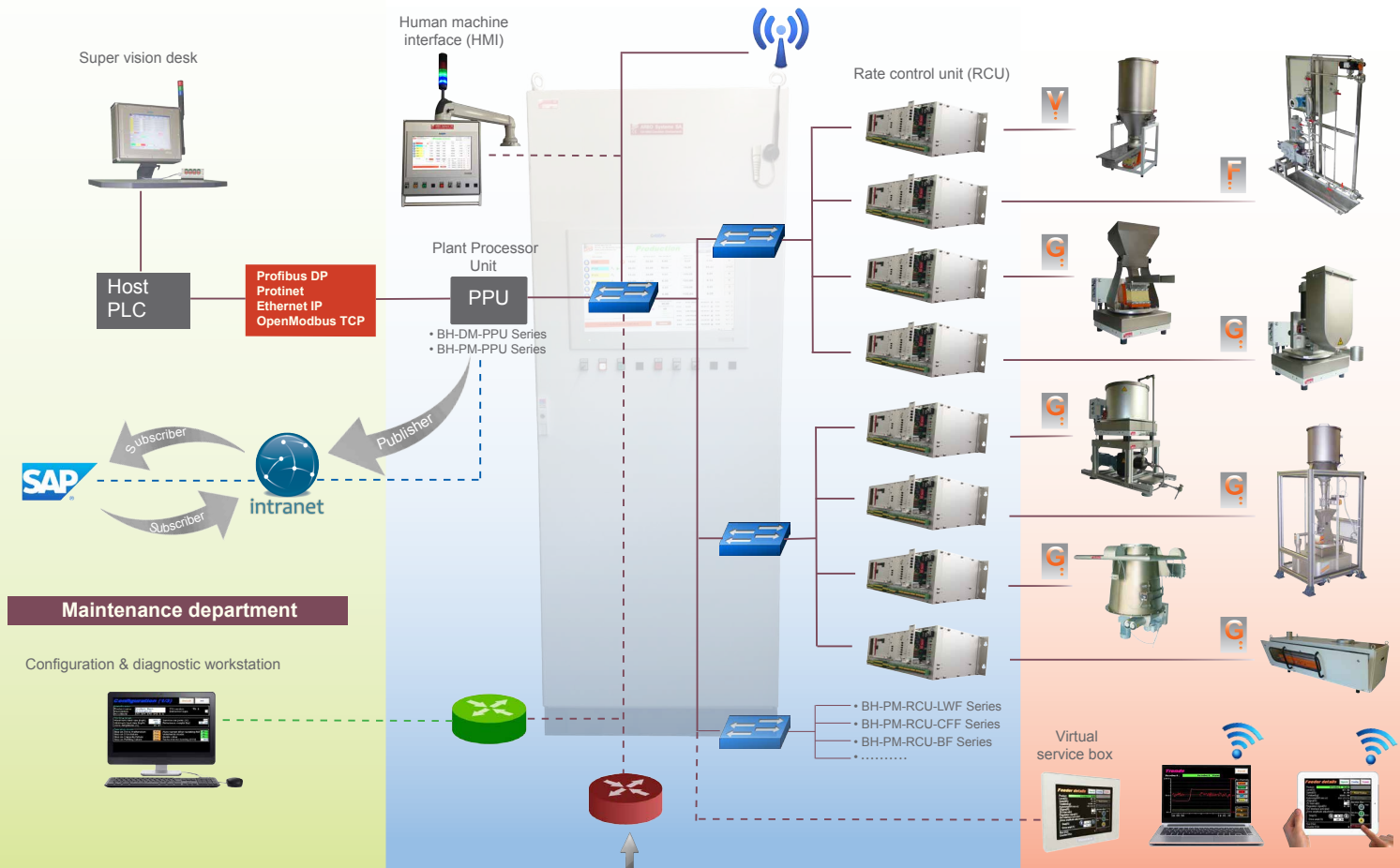
Dosing Plant Control System Concept

Centralized architecture with host control

Plant operation & supervision

Control room

Production field



Features

- Mixed control type combinations for up to (3x4) 12 dosing equipment with extension architecture in block of 6 components
- Proprietary network for high speed data exchange over etherCAT between PPU & RCU's units
- Open data exchange architecture towards plant operation & supervision Host PLC system over serial or ethernet based field by protocols

Options

- Firewall / Router for connection to ARBO Remote Support Cloud
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- Remote HMI touch panel for operation status visualization
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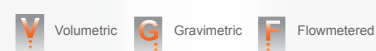
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