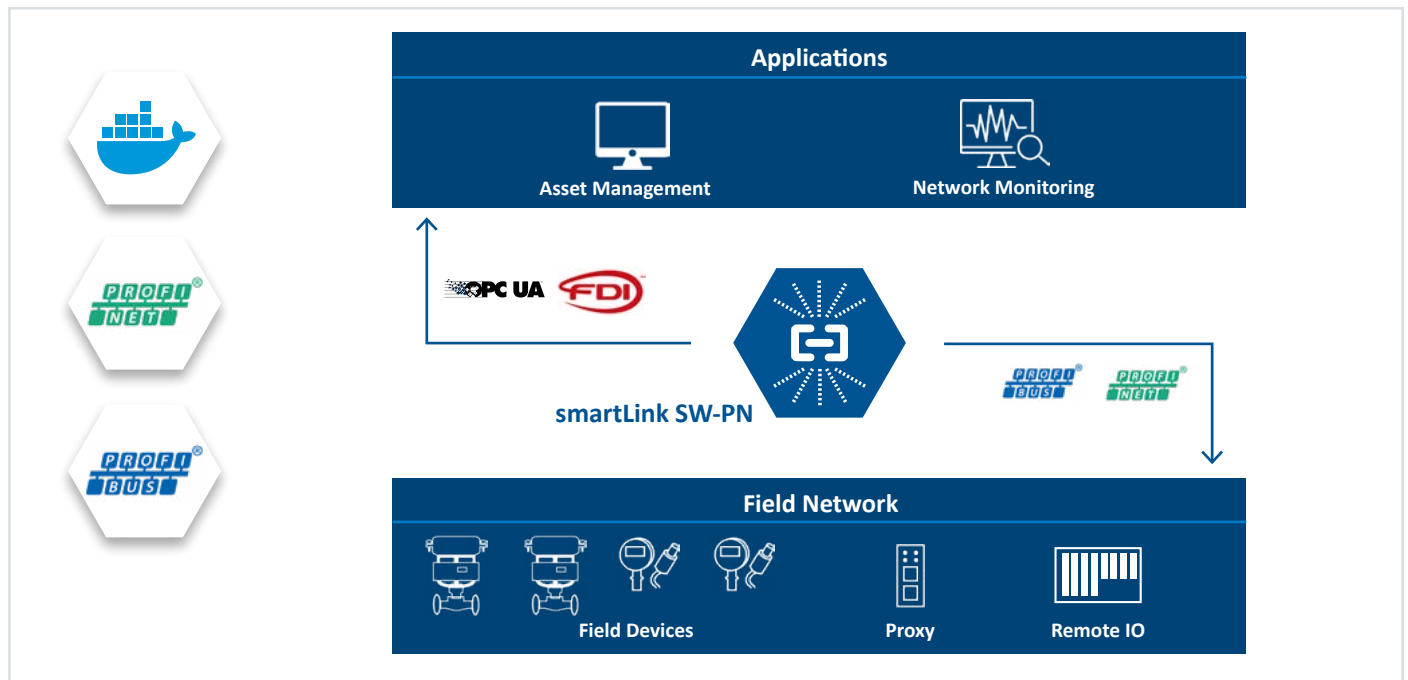# smartLink SW-PN

PROFINET Access Point for Asset Management

- **Access to PROFINET networks independent from the controller**
- **Integration without interference with the operation of existing installations**
- **Connect to PROFINET and PROFIBUS devices**
- **Compatible with products of leading device manufacturers**

Parameterization, Plant Asset Management and Process Data Provision using Standard Industry Tools

- Independent of configuration tools
- Centralized and time-saving parameterization of PROFINET and PROFIBUS field devices directly from the control room
- Access from Plant Asset Management applications for field devices configuration
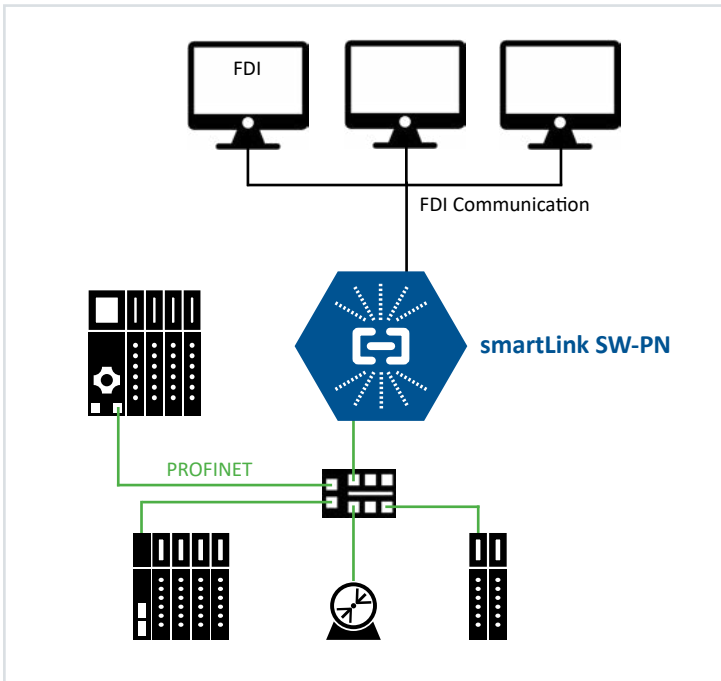
Ethernet Access Point to PROFINET networks

- Provides 2nd channel to access the field devices
- Acts as a PROFINET supervisor
- Support of multiple PROFINET networks
- Needs only standard Ethernet (UDP) connection to the PROFINET networks

Key Component for Transition to State-of-the-Art Technology

- Re-use of existing PROFINET networks without requiring modification
- Access to acyclic data via FDI communication server (OPC UA)

optimize!

softing

Asset Management and Parameterization of PROFINET Devices

FDI

FDI Communication
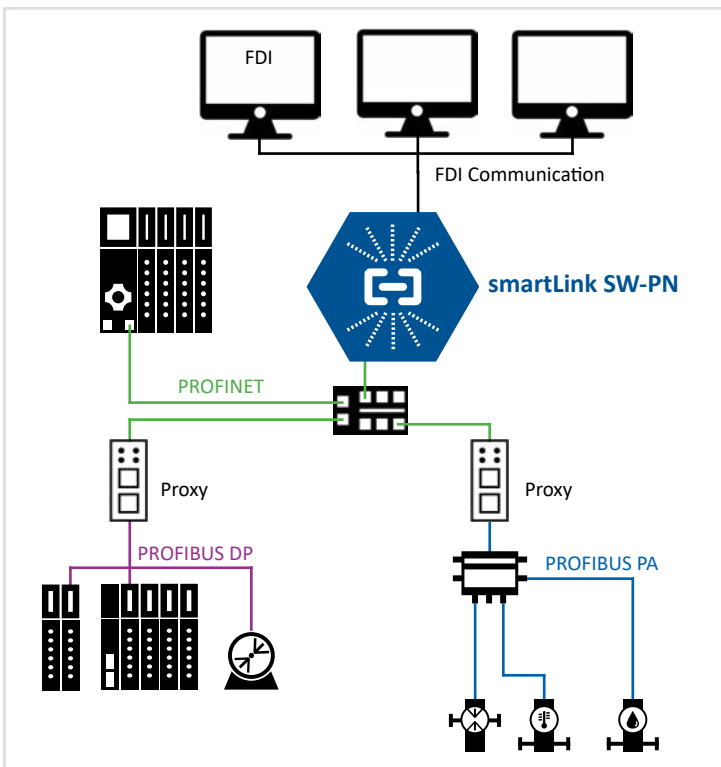
smartLink SW-PN

PROFINET

Configuration, Parameterization, Plant Asset Management

- Secure, standardized access to devices
- Parallel to and independent of the controller

Compatible with established communication standards

- Implements the standard FDI communication server interface based on OPC UA

Asset Management and Parameterization of PROFIBUS Devices

FDI

FDI Communication

smartLink SW-PN

PROFINET

Proxy

Proxy

PROFIBUS DP

PROFIBUS PA

Configuration, Parameterization, Plant Asset Management

- Secure, standardized access to devices
- Parallel to and independent of the controller

Inexpensive and low-risk Integration

- Connection of PROFIBUS devices without additional hardware
- Use of existing infrastructure using the PROFINET/PROFIBUS proxy standard for connecting to the PROFIBUS devices

Compatible with established communication standards

- Implements the standard FDI communication server interface based on OPC UA

optimize!

softing

smartLink SW-PN

Technical Data

Supported	Communication Protocols	PROFINET, PROFIBUS
		FDI communication server (OPC UA)
	PROFINET/PROFIBUS Proxies	Softing: pnGate DP, pnGate PA, pnGate PB aplSwitch Field PA
Docker Container	Minimum Hardware Requirements	Docker Container: 200 MB free disk space, 500 MB RAM
		Virtual Machine: VMware 3 GB free disk space, 2 GB RAM
		Hyper-V 5 GB free disk space, 2 GB RAM
	Licensing	Node locked license for Docker container

Scope of Delivery

Software	Virtual machine or Docker container – additionally available via Docker Hub
Documentation	User Guide as PDF download

Order Numbers

	smartLink SW-PN – Try it with 1 field device for free
LRA-AA-027003	**smartPlus PN**, License access to one field device

Your local Softing contact:

http://industrial.softing.com

optimize!

softing