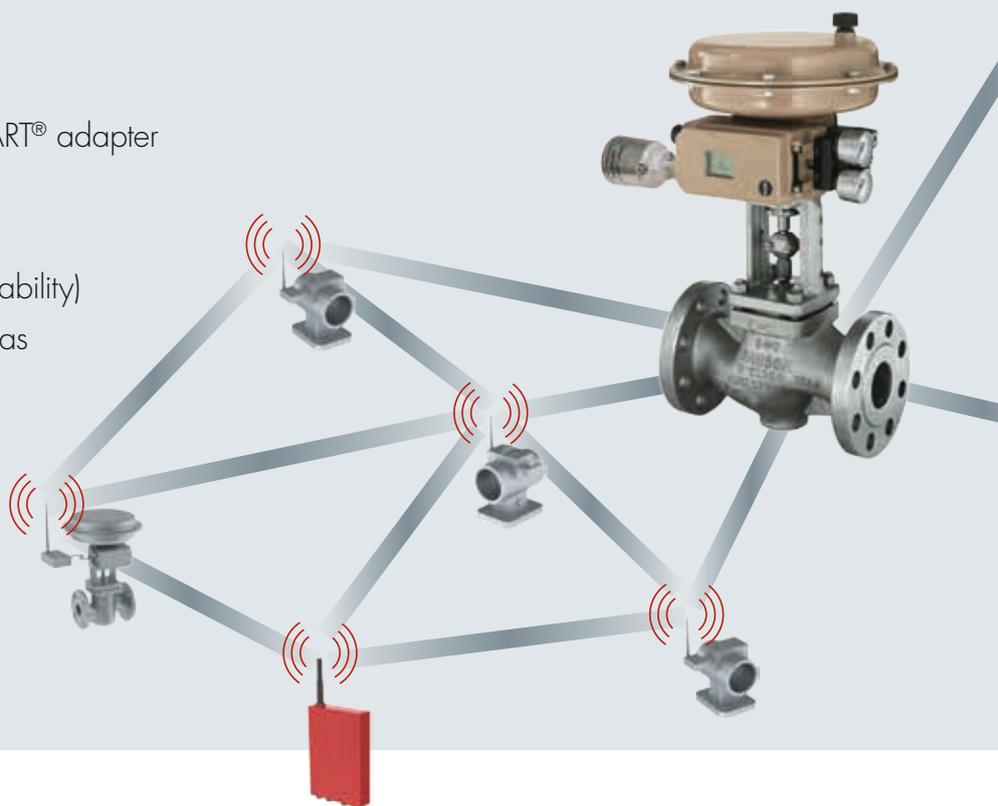




Positioners in a *WirelessHART*[®] network

- Standard positioners
- Communication using a *WirelessHART*[®] adapter
- Access to all control valve data
- Integration into existing systems
- Easy expansion of the network (scalability)
- Can also be used in hazardous areas



WirelessHART

WirelessHART® for plant operators

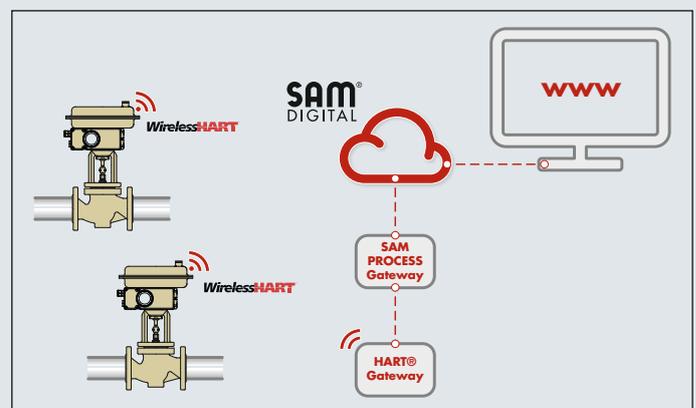
- Wireless interface according to IEEE 802.15.4-2006
- No interference with other wireless networks
- Up to 250 m open air range
- Dynamic network optimization and intelligent routing between units to bypass obstacles that obstruct the transmission path
- Gateways and adapters available from various suppliers

WirelessHART®

- Standard positioners without explosion protection or Ex i (TROVIS 3730-3 and 3793, Types 3730-3 and 3730-6, TROVIS SAFE 3730-6 and 3793), also for Type 3731-3 and TROVIS SAFE 3731-3 with Ex d WirelessHART® adapter
- Adapter power supply using battery or looped using the installed 4 to 20 mA supply (recommended)
- Communication with the asset management system using EDD or FDT/DTM

Applications for WirelessHART® and final control elements

- Existing system without HART® communication that requires communication with certain tag numbers:
 - Minimal intervention in wiring
 - No need to install multiplexers
- Parameter settings for special applications
- Assessment of device status and diagnostic data by reading the HART® status and dynamic variables
- Integration into plant-wide device monitoring system (e.g. with SAM DIGITAL)



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