

From HART Device to Smart Device

THE FIELDPORT SWA50 BY ENDRESS+HAUSER CAN UPGRADE INSTRUMENTS TO WIRELESS COMMUNICATION MAKING THEM IIOT READY

The HART devices in your plant are no longer bound to transmit information only via cable. Endress+Hauser has introduced a small but powerful adapter for retrofitting HART instruments: the FieldPort SWA50 connects the field devices to wireless communication. It enables them to communicate via Bluetooth and /or WirelessHART. The user has more options to access the field device data — even a cloud connection is possible which unlocks the potential of IIoT.



The FieldPort SWA50 converts the HART signal of the connected HART field device to a reliable and encrypted Bluetooth® or WirelessHART signal. The Endress+Hauser SmartBlue app or the Endress+Hauser Field Xpert can be used to configure the FieldPort SWA50. Remote configuration via the DTM using WirelessHART network is also possible.



HART field devices can be connected to the Endress+Hauser IIoT ecosystem called Netilion. The edge devices FieldEdge SGC200 or FieldEdge SGC500 are needed for this scenario. An IIoT connection gives you digital access to the retrofitted field instruments. Using a smartphone, tablet or desktop PC, you can view measuring data, instrument diagnostics and life cycle data. It is even possible to transfer the data into your own systems or clouds by using an API.

The FieldPort SWA50 opens up to new possibilities of digitalization — a powerful adapter for retrofitting HART field devices.



Learn more about our FieldPort upgrade.