

## Field Xpert SMT70

Universal, high-performance  
device configuration tablet PC



# User-centered design

## Intuitive configuration of all field devices

**Rugged revolution – slim, light and strong** The device configuration tablet PC Field Xpert SMT70 enables mobile Plant Asset Management in hazardous (Zone 2) and non-hazardous areas. It is ideal for commissioning and maintenance staff to manage field instruments with digital communication interface and to document the work progress.

**Out of the box – ready to go** This tablet PC comes as complete solution and provides an easy and touch-optimized “tool” to manage field instruments during their entire life cycle resulting in saving time and cost per device. It provides pre-installed driver libraries and access to the Industrial Internet of Things (IIoT) as well as life cycle instrument information and documentation.

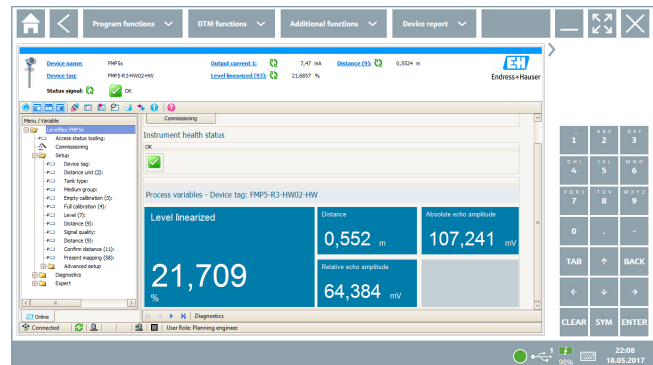
**With one-click connection** Field Xpert SMT70 provides a modern software user interface and offers online software, DTM and driver update capabilities, based on a multipurpose and secure Microsoft Windows 10 environment.



Supports Heartbeat Verification!



Field Xpert SMT70



User-centered design focuses on ease of use



### Highlights:

- High-performance, robust tablet with large 11.6" display and a battery runtime of up to 14 hours.
- Touch-enabled device configuration software in 20 languages. Includes NAMUR NE 107 instrument diagnosis.
- Pre-installed device driver libraries for all of the important industrial protocols.
- Automatic saving of a HART device report in Netilion Library saves time and money.
- Automatic hardware detection saves time.
- Integrated Heartbeat Verification incl. PDF documentation.
- Online application software, DTM and driver update service offers new functionality and maximum security.

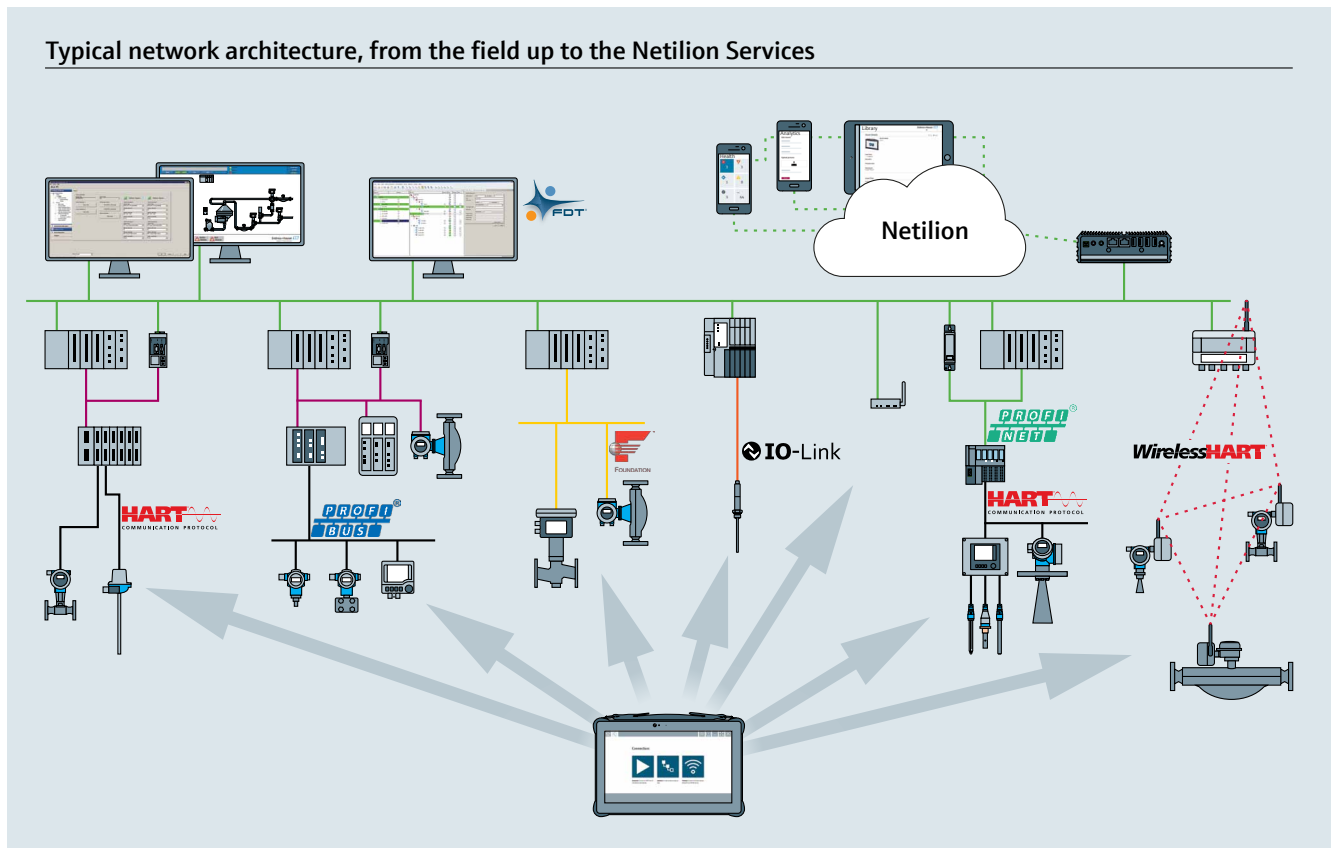


### Technical data:

- 11.6" sunlight readable multi-touch HD display
- Intel i5, 8 GB RAM, 256 GB SSD
- IP65, MIL-STD810, -10...55 °C, 5...95 % humidity
- Windows 10 Pro
- Optionally with or without 5 MP autofocus camera with LED flashlight
- 2 MP front facing camera
- Wi-Fi 802.11 a/b/g/n/ac / Bluetooth 4.0 LE, Class 1
- 4G LTE, GPS (optional)
- 2 x USB 3.0
- Micro SD card slot (SDHC + SDXC)
- Up to 7 h (optional 14 h) operating time
- 298 x 192 x 20 mm
- 1.2 kg
- Optional docking station (1 Gbit Ethernet, 4 x USB and HDMI connection)

# One-click connectivity

## Easy connection



Field Xpert SMT70 communicating with HART, PROFIBUS, FOUNDATION Fieldbus as well as WirelessHART (and much more) field devices

## The fastest way to configure any field device via fieldbus protocols and Endress+Hauser service protocols

**Multiprotocol support** offers proven combination of hardware, software and communication interfaces.

### Connection to a device:

- Point-to-point via USB or Bluetooth modem
- Network via gateways, remote IOs, multiplexer
- Wireless via WLAN and Bluetooth to Endress+Hauser field devices

### Supported communication technologies:

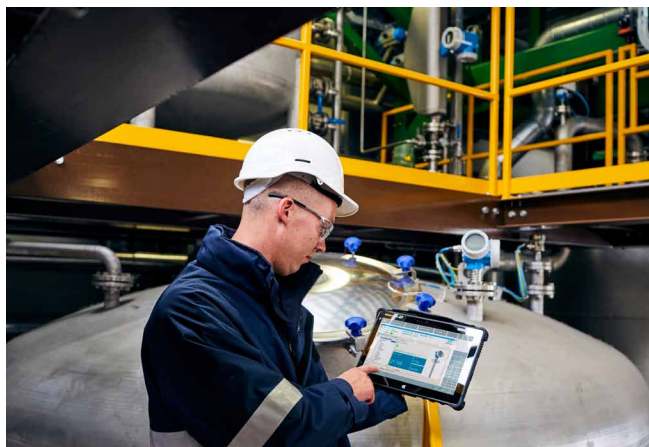
- HART
- PROFIBUS DP/PA
- FOUNDATION Fieldbus
- IO-Link
- Modbus
- CDI
- Endress+Hauser service interfaces (incl. firmware flashing)

### Supported hardware interfaces:

- Commubox FXA195 (HART)
- MACTek Bluetooth modem (HART)
- PROFIsusb (PROFIBUS DP)
- Fieldgate SFG500 (PROFIBUS DP)
- FieldPort SFP50 (HART, PROFIBUS PA and FOUNDATION Fieldbus)
- FieldPort SFP20 (IO-Link)
- FFusb (FF-H1)
- Commubox FXA291 (CDI)
- CDI TCP/IP
- Memograph RSG45 (HART)
- HART Viator USB modem with PowerXpress

### Supported field devices:

- All Endress+Hauser and 3rd party devices based on DTM or EDD technology



More details on Netilion Library



[netilion.endress.com/library-best-practice](https://netilion.endress.com/library-best-practice)

[www.addresses.endress.com](https://www.addresses.endress.com)

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