

Field Xpert SMT70

Universal, high-performance device configuration tablet PC



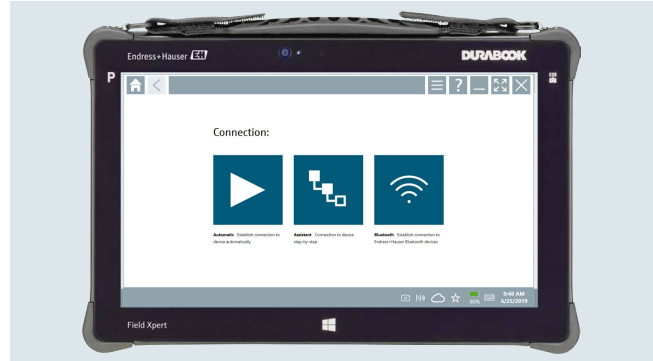
User-centered design

Intuitive configuration of all field devices

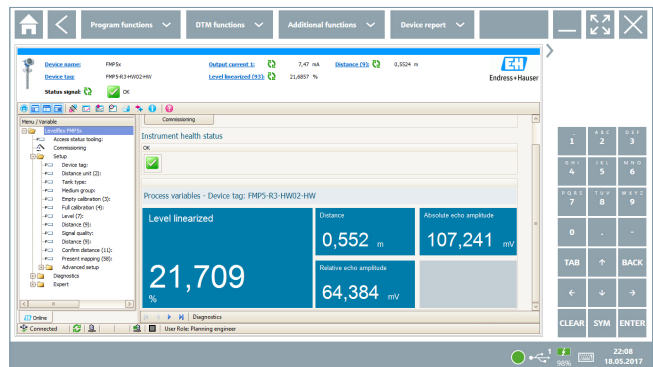
Device design - slim, light and strong The device configuration tablet PC Field Xpert SMT70 enables mobile plant asset management in hazardous (Zone 2) and non-hazardous areas. It is ideal for commissioning and maintenance staff to manage field instruments with a digital communication interface and to document the work progress.

Out of the box – ready to go This tablet PC comes as a complete solution and provides an easy and touch-optimised '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.

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.



Field Xpert SMT70



User-centered design focuses on ease of use



Supports Heartbeat Verification!

✓ Highlights:

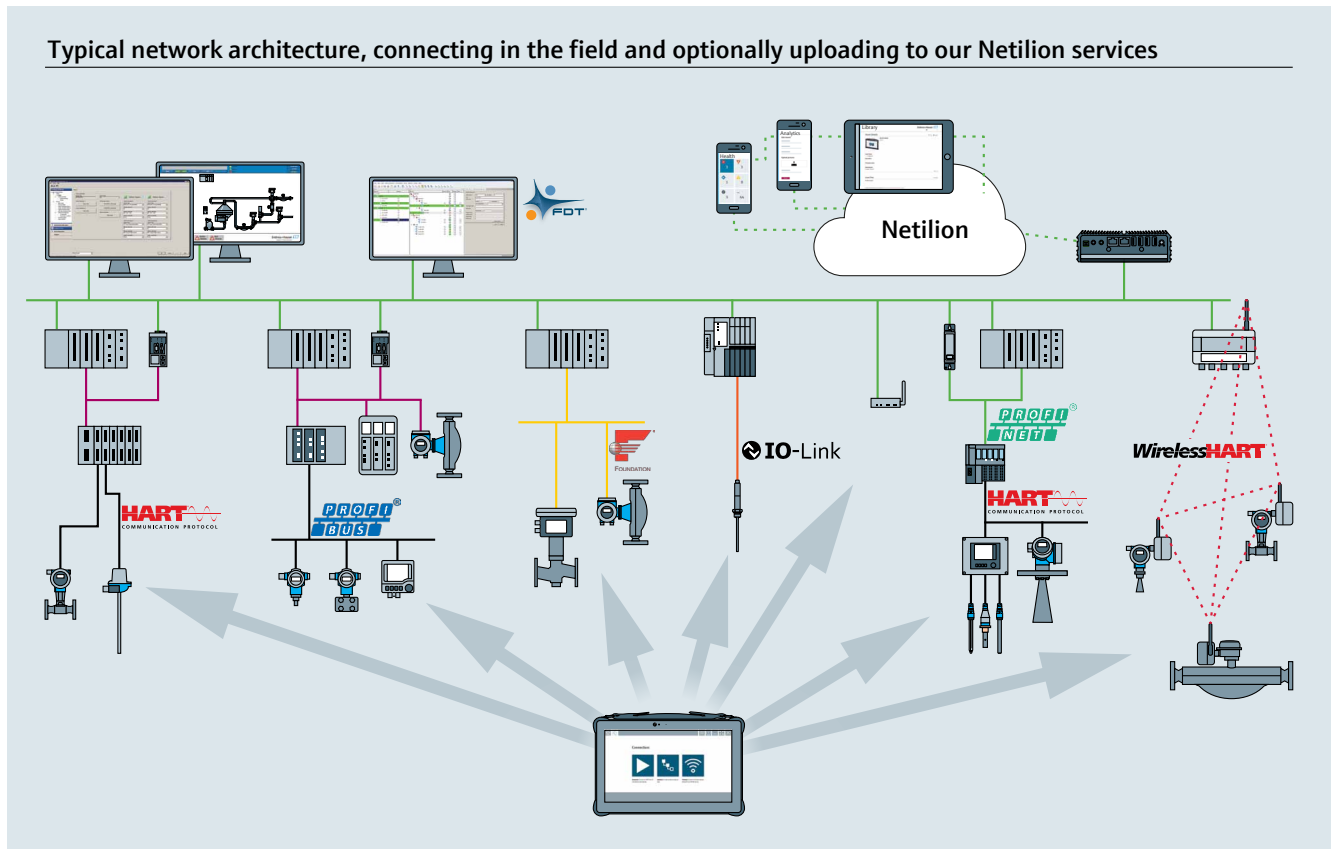
- High-performance, robust tablet with large 11.6" display and a battery runtime of up to 14 hours.
- Touch-enabled device configuration software in 20 languages. Includes NAMUR NE 107 instrument diagnosis.
- Over 3000 pre-installed device driver libraries for all of the important industrial protocols.
- Automatic saving of a HART device report in Netilion Library saves time and money.
- Automatic hardware detection saves time.
- Integrated Heartbeat Verification including PDF documentation.
- Online application software, DTM and driver update service offers new functionality and maximum security.

i 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, WirelessHART field devices and more.

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:

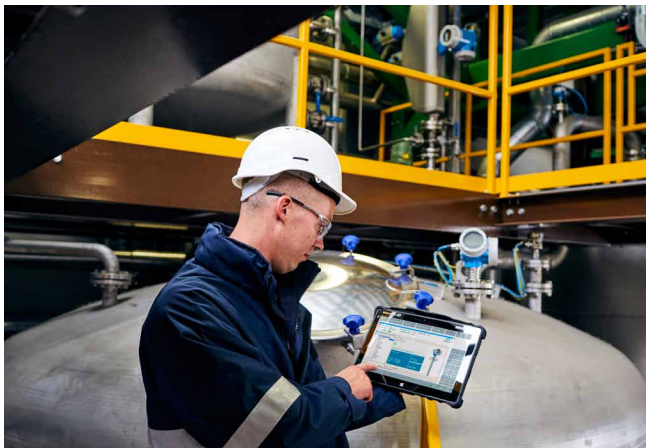
- HART
- PROFIBUS DP/PA
- FOUNDATION Fieldbus
- IO-Link
- Modbus
- CDI
- Endress+Hauser service interfaces (incl. firmware flashing)

Supported hardware interfaces:

- Commubox FXA195 (HART)
- MACTek Bluetooth modem (HART)
- PROFibus (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



The SMT70 and Netilion Library are the perfect match for smart device configuration.

Using the digital service, Netilion Library, together with a Field Xpert tablet, it has never been so easy to organise all your working files and digital asset twins: the only thing you need to do is connect your Field Xpert tablet with Netilion Library. Then you will have your files, such as device configuration reports, under control and accessible for your whole team.

To find out more about the benefits and features of our SMT70 Field Xpert visit our website:

<https://go.endress.com/uk/SMT70>

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