commKit Host

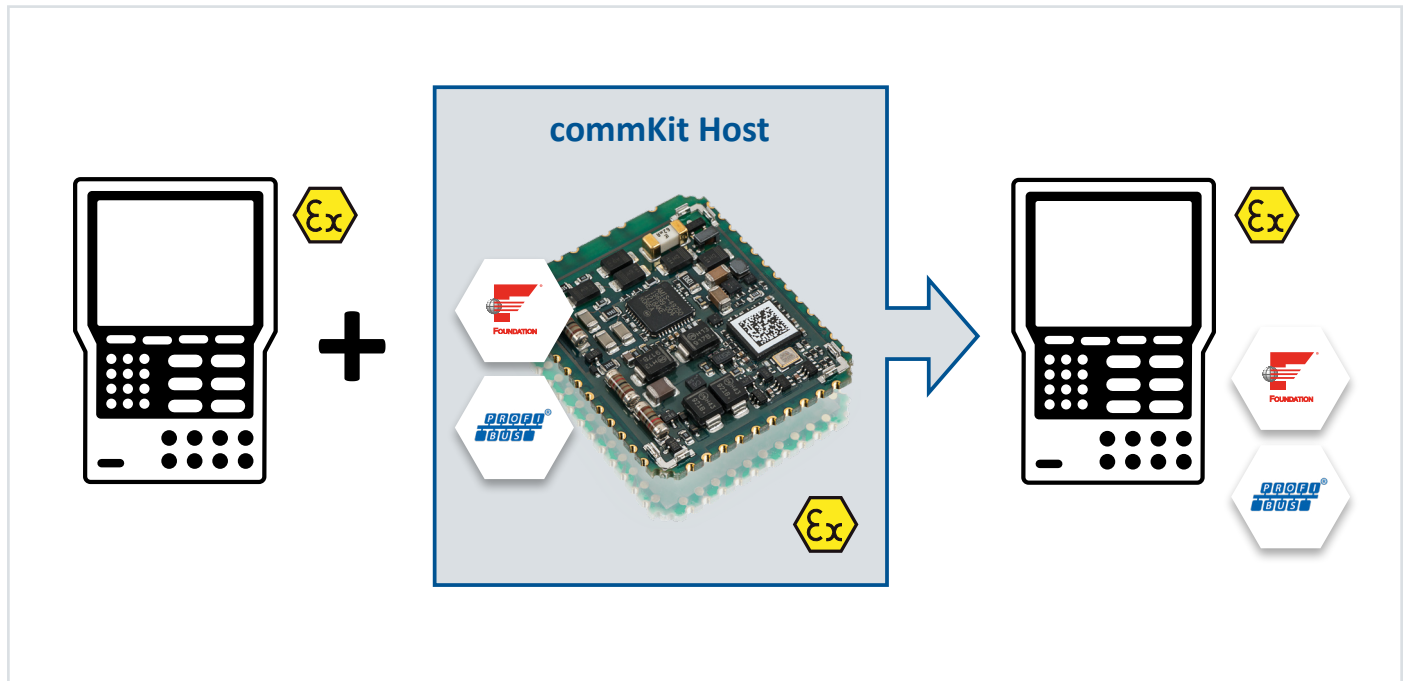## Embedded Host on commModule MBP for Handheld Tools

- **Investment Protection**
- **Short Time-to-Product**
- **Extended Functionality for Handhelds**
- **Simplified "Easy-API" compared to standard host implementations**

commKit Host

Investment Protection due to Combination of Key Advantages

- Combination of high-performance portable FF-H1 Host Stack rsp. Profibus Master Stack with the widely known industry-proven commModule MBP hardware
- Deployment of compatible modules releasing the customer from component availability issues and obsolescence management

Fast Time-to-market

- Universal piggyback solution for protocol implementations reduces the time-to-market to a minimum
- The hardware is ATEX certified and has already passed the Physical Layer Tests for the fieldbus interface.

Extended Functionality

- Access to MBP networks within the field level by using an FF and / or PA enabled host application
- Direct connection to MBP based networks and thus instantaneous access to FF or PA devices

Easy of Use

- The built-in easyAPI dramatically reduces effort and required protocol know how especially for FF host applications
- Support in developing or acquiring individual host applications
- Both protocols are stored in parallel on the module and can be selected by initialization command at system startup

optimize!

commKit Host

Technical Data

FF Protocol capabilities	▪ H1 Link Master ▪ SM Services ▪ Client/Server connections as Client (No Publisher / Subscriber connections) ▪ 7 parallel connections
PA Protocol capabilities	▪ MBP Master ▪ DPV0: GetDiag, SetSlaveAdd, (No MSCY services) ▪ DPV1: MSAC_C2 services ▪ 7 parallel connections

Scope of Delivery

Software / Firmware	▪ FOUNDATION Fieldbus / PROFIBUS PA Host Stack (as executable firmware) ▪ Sample code for API usage
Documentation	▪ Application Program Interface (API) Manual ▪ commModule MBP Hardware Manual ▪ ATEX Certificate ▪ Physical Layer Test Report

Order Numbers

LDA-KL-022325	**commKit Host** Package
FFPA-MAINTAIN-Host	**Maintenance Contract** for FOUNDATION Fieldbus H1 Host Stack
SIA-KL-020100	Integration Support (per hour)

Additional Products and Services

EIA-KS-022200	commModule MBP potted, 90 pieces in tray
EIA-KS-022220	commModule MBP non-potted, 90 pieces in tray
EIA-KS-022400	commModule MBP potted, 5 samples in tray
EIA-KS-022420	commModule MBP non-potted, 5 samples in tray
EVA-MK-022210	commModule Evaluation Kit (commModule MBP in housing with connectors)
DXA-KL-020621	Renesas E2Lite Flasher
SPA-KK-020801	FCG Physical Layer Test Certification Service for FOUNDATION Fieldbus H1 Field Devices
SPA-LL-020802	PROFIBUS PA Physical Layer Test Certification Service for PROFIBUS PA Field Devices

Your local Softing contact:

https://industrial.softing.com

optimize!

softing