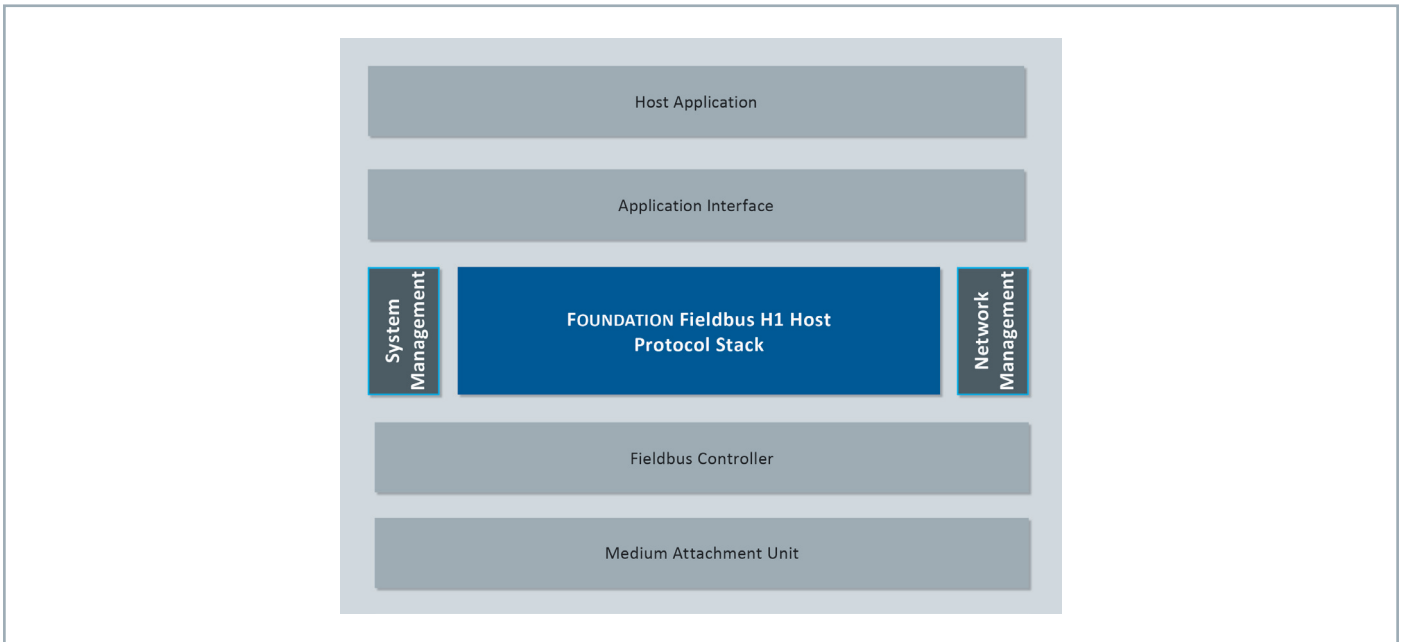


FOUNDATION™ Fieldbus H1 Host Stack

Portable FOUNDATION Fieldbus H1 Multi-Channel Protocol Software for Host Systems and Controllers

The FOUNDATION Fieldbus (FF) H1 host stack provides protocol software designed for implementation in customer-specific FF H1 host systems and controllers. It supports the entire range of FF features and allows simultaneous access to up to four FF H1 segments.



Portability to Customer-Specific Hardware Platforms

- Compact, yet high-performance protocol software implementation
- Implementation optimized to run very efficiently on any hardware and operating system platform
- Quick adaptation of the software to customer-specific target platforms

Support of Full Range of Protocol Features

- Full spectrum of the FieldComm Group specification
- Control of up to four FF H1 segments as Link Active Scheduler (LAS) and Time Master (TM)
- Complete interface for implementing typical host applications
- Individual selection of functionality supported by host system

Proven Quality

- One of the first implemented FF H1 Host stacks
- Implemented in more than 70% of all registered FF H1 Host systems and field devices
- Successful through Softing's uncompromising commitment to quality and extensive experience with embedding communication software into industrial components

Technical Data

Minimum Hardware Requirements	CPU Class	16 Bit
	CPU Cycle	10 MHz
	Flash	200 KB (32 Bit CPU)
	RAM	> 256 KB
Fieldbus Interface	Number of Channels	Up to 4
	Transfer Rate	31.25 Kbit/s

Scope of Delivery

Documentation Application Programming Interface (API) manual

Order Numbers

UBA-KK-020501	FOUNDATION Fieldbus H1 Host Stack
FFPA-PORT-HST	Porting of FOUNDATION Fieldbus H1 Host Stack to Customer-Specific Hardware

Order Numbers

FFPA-MAINTAIN-Host	Maintenance Contract for FOUNDATION Fieldbus H1 Host Stack
SPA-KK-020801	FieldComm Group Physical Layer Test Certification Service for FOUNDATION Fieldbus H1 Field Devices
SPA-KK-020803	FieldComm Group Conformance Test Pre-Certification Service for FOUNDATION Fieldbus H1 Field Devices
SPA-KK-020804	FieldComm Group Interoperability Test Pre-Certification Service for FOUNDATION Fieldbus H1 Field Devices
KSA-FK-020220	FOUNDATION Fieldbus Starter Kit FF-START for FOUNDATION Fieldbus H1 Network Set-Up
TSA-KK-023001	Einführungsschulung „FOUNDATION Fieldbus“ Diese Schulung wird nicht als Standardtraining angeboten, sondern ausschließlich kundenspezifisch durchgeführt. Sie findet üblicherweise im Rahmen eines Workshops und im Zusammenhang mit einem Integrationsprojekt statt.

optimize!
softing

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