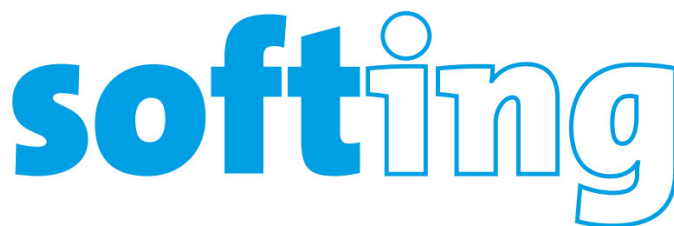




softing Hart Multiplexer Software to Access Configuration And Diagnostics Data User Guide

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smartLink SW-HT

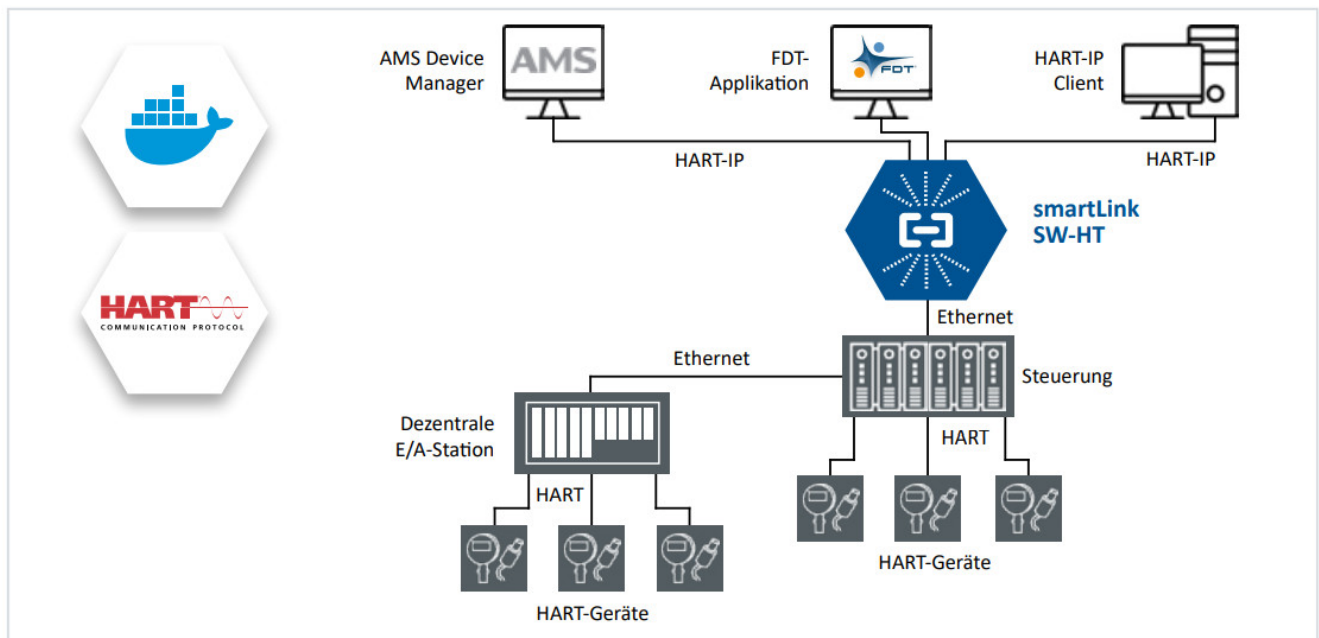


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Software HART multiplexer

- Easy and quick access to HART field devices connected to Allen-Bradley, Siemens, Schneider Electric, R.Stahl or Turck HART IO modules are connected
- Transparent HART communication via the open HART-IP protocol
- Enables remote asset management, device configuration and monitoring
- No additional hardware required



Overview

Access HART devices without additional Hardware

- Use the existing infrastructure to access the HART devices
- No additional cost for HART multiplexer hardware
- No installation and maintenance of additional Hardware
- Optional routing of the communication to the Allen-Bradley and Schneider Electric remote I/Os through the controller

Highly scalable business model

- Pay only for the HART devices connected with smartLink SW-HT
- Scalable license model based on the number of HART devices to access
- Try it with 1 HART device for free

Transparent HART communication

- The HART commands sent to the HART-IP server are forwarded to the HART devices
- No limitation on the supported HART commands
- Uses the open HART-IP protocol
- FDT Communication DTM for the integration into FDT applications

Easy deployment

- Easy to use on a Windows workstation with the VM deliverable
- Web based configuration software is included in the container

Technical Data

smartLink SW-HT	
Supported Controller and Remote IOs	Allen-Bradley: 1756 ControlLogix, 1734 Point I/O, 5094 Flex 5000 I/O, 1719 Ex-I/O, 1715 Redundant I/O Siemens: ET 200iSP PROFINET IM152-1PN 6ES7152-1BA00-0AB0 (redundant) ET 200SP: PROFINET IM155-6PN (High Feature) 6ES7155-6AU01-0CNO ET 200SP HA: PROFINET IM155-6PN 6DL1155-6AU00-0PM0 (redundant) ET 200M: PROFINET IM153-4 PN (High Feature) 6ES7153-4BA00-0XB0 Schneider Electric: M580 controller or X80 EIO Drop adapter (BMECRA31210) R.Stahl: IS1+ Ex Zone 1 (9442/32-10-00) and Ex Zone 2 (9442/35-10-00) Turck: excom GEN-3G (100004545) and GEN-N (100000129)
Supported HART IO Modules	Allen-Bradley: 1756 ControlLogix: 1756-IF8H, 1756-IF16H, 1756-IF8IH, 1756-IF16IH, 1756-OF8H, 1756-OF8IH 1734 Point I/O: 1734sc-IE2CH, 1734sc-IE4CH, 1734sc-OE2CIH 5094 Flex 5000 I/O: 5094-IF8IH, 5094-OF8IH 1719 Ex-I/O: 1719-IF4HB, 1719-CF4H 1715 Redundant I/O: 1715-IF16, 1715-OF8I Siemens: ET 200iSP: 6ES7134-7TD00-0AB0, 6ES7134-7TD50-0AB0, 6ES7135-7TD00-0AB0 ET 200SP: 6ES7134-6TD00-0CA1, 6ES7135-6TD00-0CA1 ET 200SP HA: 6DL1134-6TH00-0PH1, 6DL1135-6TF00-0PH1, 6DL1134-6UD00-0PK0, 6DL1135-6UD00-0PK0 with optional module redundancy ET 200M: 6ES7331-7TF01-0AB0, 6ES7332-8TF01-0AB0, 6ES7331-7TB10-0AB0, 6ES7332-5TB10-0AB0 Schneider Electric: M580: BMEAHI0812, BMEAHO0412 R.Stahl: 9461/12-08-11, 9466/12-08-11, 9468/32-08-10, 9468/32-08-11, 9468/33-08-10, 9469/35-08-12 Turck: AIH401EX, AOH401EX, AIH401-N, AOH401-N
Supported HART-IP Client Applications	Emerson AMS Device Manager >= V14
Communication Protocols	HART-IP
Tested with	Emerson AMS Device Manager V14.1.1, V14.5 (HART-IP application) PACTware, Endress + Hauser FieldCare (FDT applications) Docker
Minimum Hardware Requirements	Docker Container: 200 MB free disk space, 500 MB RAM Virtual Machine: VMware 3 GB free disk space, 2 GB RAM Hyper-V 5 GB free disk space, 2 GB RAM
Licensing	Node locked license for Docker container

Order Information

Scope of Delivery	
Software	smartLink SW-HT as Virtual machine or Docker container – additionally available via Docker Hub
Documentation	User Guide

Order Numbers	
For free	smartLink SW-HT, Software HART multiplexer. Try it with 1 HART device
LRA-MM-027002	smartPlus HT, License for access to one HART device

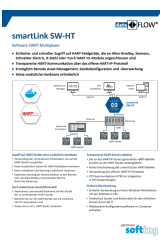
Additional Products and Services	
LRA-MM-020670	DevComDroid HART – Android application for HART device communication
LRA-MM-020672	DevDom.iOS HART – Apple iOS application for HART device communication
LRA-MM-020671	DevCom2000 HART – Windows application for HART device communication
DBA-KM-020410	mobiLink – Mobile HART interface

<https://industrial.softing.com>

Your local contact for Softing:

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Documents / Resources

	softing Hart Multiplexer Software to Access Configuration And Diagnostics Data [pdf] User Guide Hart Multiplexer Software to Access Configuration And Diagnostics Data, Multiplexer Software to Access Configuration And Diagnostics Data, Software to Access Configuration And Diagnostics Data, to Access Configuration And Diagnostics Data, Configuration And Diagnostics Data, Diagnostics Data, Data
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References

- [S Industrial Communication solutions and products for Process- and Factory Automation](#)
- [User Manual](#)