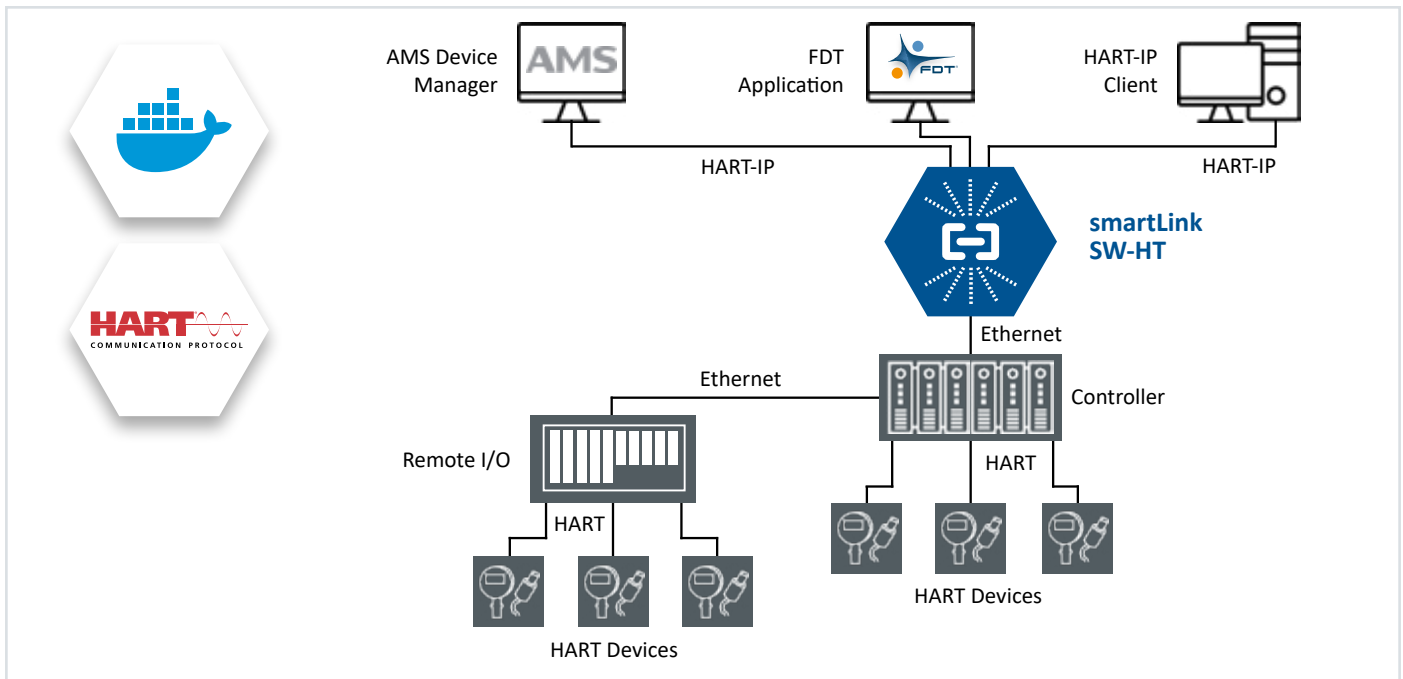


smartLink SW-HT

Software HART Multiplexer

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



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
- Supports Docker and Kubernetes for easy deployment by IT
- Web based configuration software is included in the container

smartLink SW-HT

Technical Data

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

Scope of Delivery

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

Order Number

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	mobilLink – Mobile HART interface

Your local Softing contact:

<http://industrial.softing.com>

optimize!
softing