

10544E02

PC Software IS Wizard Series 9499

- IS Wizard allows the complete test and the fault diagnostic of IS1 systems including the connected field devices, even without fieldbus function
- Suitable for Modbus RTU and Profibus DP
- For Modbus, an IS1 system is configured and parameterized with IS Wizard
- For Profibus, the configuration and the setting of parameters are done via the Profibus master. IS Wizard can be used as an option for the fault diagnostic.
- Detailed fault diagnostics for field stations, modules and signals
- Reading of inputs and outputs, setting of outputs
- Read and display of HART variables (PV1 .. PV4) from HART field devices

The IS Wizard Software tool is an optional diagnostics tool for Profibus DP installations, via a ServiceBus, which is independent from the process bus. For Modbus the tool is used for configuration and setting of parameters of IS1 systems. The IS Wizard can also be used for full access to HART field devices.

Selection Table				
Version	Fault diagnostic	Printing of labels	max. number of input / output modules	Order number
Demo version with all functions	yes	yes	up to 6	9499/DEMO-00
Modbus version for configuration and parameterization of an IS1 system	no	no	any	9499/MOD-00
Full version	yes	no	up to 20	9499/FULL-01
			up to 100	9499/FULL-02
			> 100	9499/FULL-03
		yes	up to 20	9499/FULL-04
			up to 100	9499/FULL-05
			> 100	9499/FULL-06

Technical Data	
System requirements	
Requirements on the PC	Processor: at least Pentium 600 MHz Hard disk: 30 MByte free space resolution: at least 800 x 600 COM Ports: min. 1; max. 12
Supported operating systems	WINDOWS 98, WINDOWS NT V4.0, WINDOWS 2000 / XP
Function	
Configuration (type and number of modules) and parameters of all modules for an IS1 System	compile offline store in project data base download into IS1 system online upload from IS1 system (back documentation)
Inputs and Outputs (I/O signals)	read online
Outputs (I/O signals)	set online (when operating without automation system)
Diagnostic data from field stations, modules and signals	read online
Module-specific information	read online (type of module, module revision, series number)
Report for project documentation	Printing of lists on monitor, printer or into files • list of IS1 field station • list of modules of a field station • list of parameters for CPU & Power Module • list of signals of a field station • list of module and signal specific parameters of field station
Project documentation, comments, TAGs	store in project data base (no download into the IS1 system)
Labels for IS1 modules with TAG numbers	print
Import and export of project data (TAGs)	with CSV file format
Operating modes	
IS Wizard stand-alone-operation, without fieldbus	all functions, online and offline
IS Wizard and Modbus operation simultaneously	all functions, online and offline
IS Wizard and Profibus DP operation simultaneously	all functions, online and offline, except for online download of configuration and parameters into IS1 system
Network characteristics	
Network	Microsoft work group- or domain-networking
Number of network PCs	The number of network clients is theoretically unlimited and depends on the quality of the Windows network and the resources of the server PC. All network clients must have consistent data, an identical hardware- and project data base
Number of COM ports	max. 12, one PC interfaces to the ServiceBus

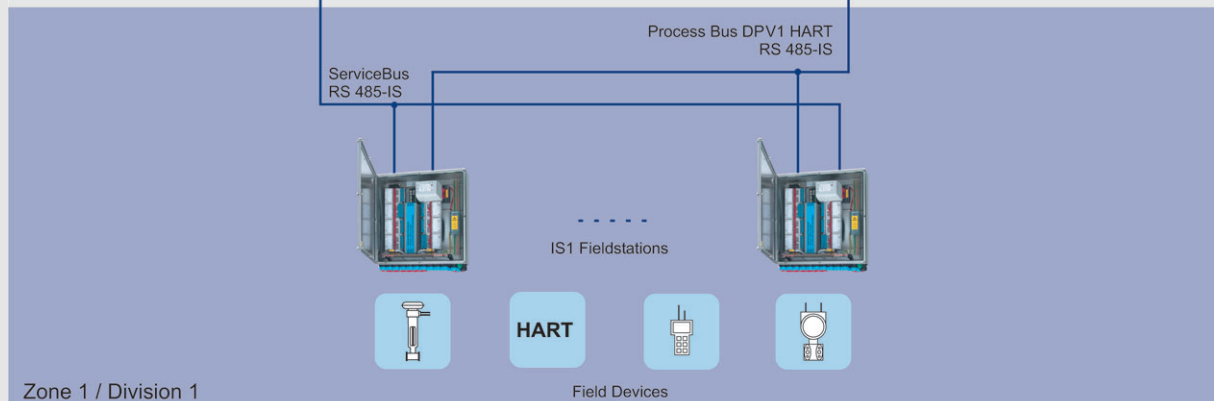
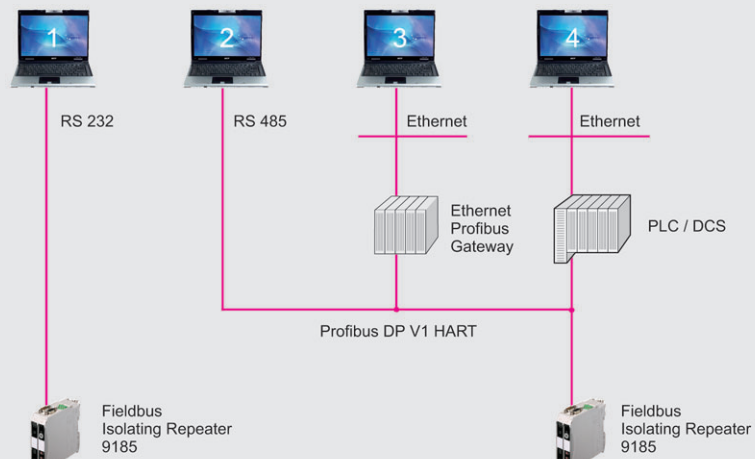


Technical Data

ServiceBus-Topologies

Connection of field stations to the ServiceBus	To ServiceBus interfaces (X3) of the CPU & Power Module types 9440/...; the ServiceBus address is identical with the adjusted field bus address. For redundant CPU & Power Modules, both CPMs are connected to the ServiceBus. The ServiceBus address is the fieldbus address of the primary CPM
For segments in Zone 1 Interface	Fieldbus Isolating Repeaters type 9185 or 9186 required
Max. transmission speed	RS 485 9.6 kbit/s
Max. cable length of one segment	1200 m / 3937 ft
Max. number of field stations per intrinsically safe segment RS 485-IS	15
Max. number of field stations, per non intrinsically safe segment RS 485	31

Control Room



Zone 1 / Division 1

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Technical Data

Transmission of
HART commands on
the ServiceBus

Compatible
asset management
software packages

As an alternative to IS Wizard, an asset management software package can access on the ServiceBus

- AMS from Emerson
- FieldCare from Endress+Hauser (FDT)
- PDM from Siemens
- PRM from Yokogawa
- FDM from Honeywell
- Cornerstore from ASTEC
- other FDT-Frames (e.g. PACTware, fdt Container)

As an alternative HART commands can also be transmitted via Profibus DP V1 HART.
For this we have available an EDD and a DTM

We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice.
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