

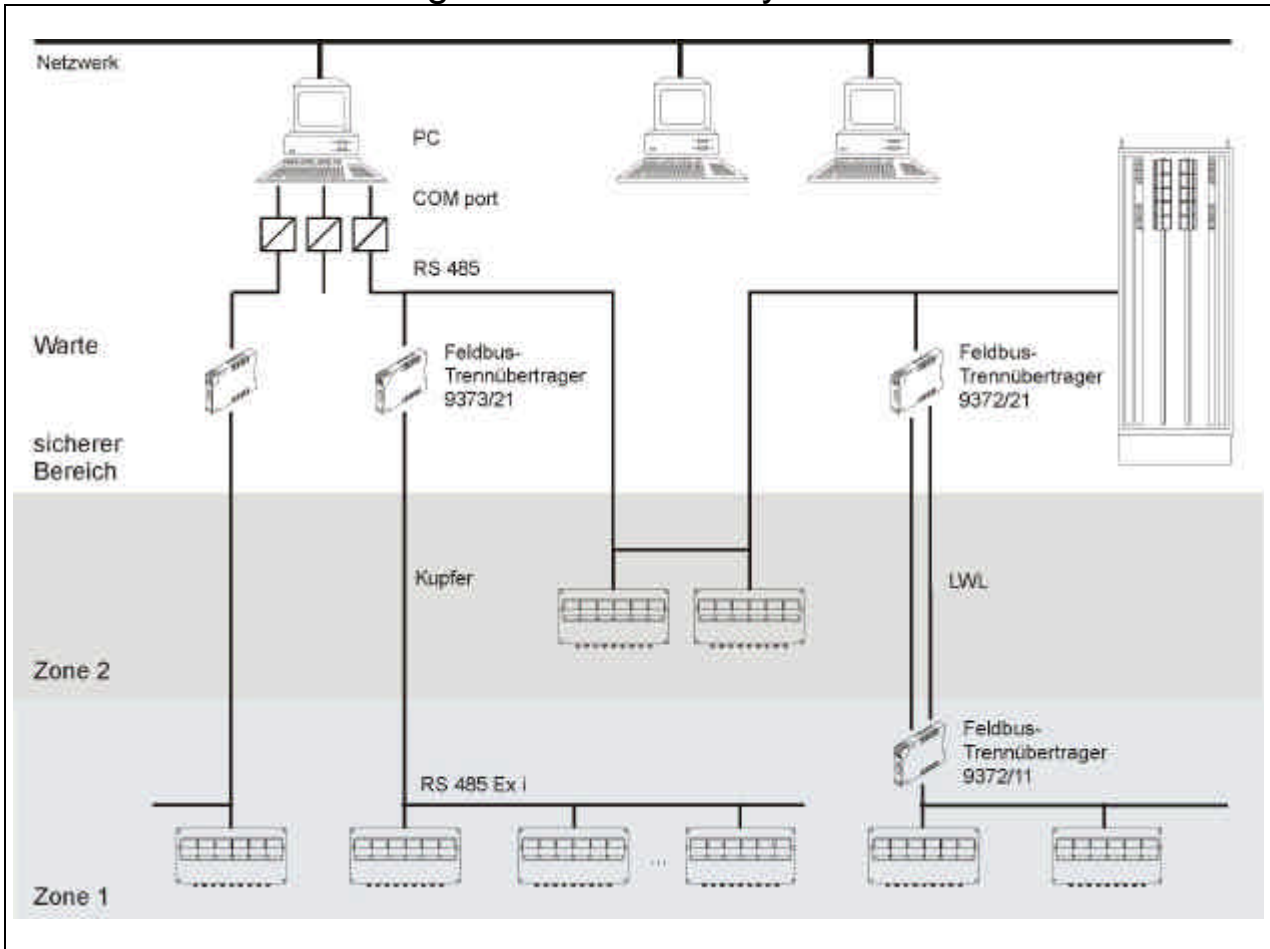
Remote I/O System PC Software I.S. Wizard Type 9499

- Fast implementation and effective maintenance of I.S. 1 Systems
- I.S. Wizard allows the complete test and the fault diagnosis of I.S. 1 systems including the connected field devices, even without field bus function
- In Modbus, an I.S. 1 system with I.S. Wizard is configured and parameterized
- In Profibus, the configuration and parameterization is done via the Profibus master. I.S. Wizard can be used optionally for the fault diagnosis
- Operation with Modbus and Profibus is possible at the same time
- Detailed fault diagnosis for field stations, modules and signals
- Reading of inputs and outputs, setting of outputs
- I.S. Wizard can be linked as ActiveX Control into the software of automation systems

Selection table				
Version				Ordering code
	fault diagnosis	printing of labels	max. number of input/output modules	
demo version with all functions	yes	yes	up to 6	9499/Demo-00
Modbus version for configuration and parameterization of an I.S. 1 system	no	no	any	9499/MOD-00
full version	yes	no	up to 20	9499/Full-01
			up to 100	9499/Full-02
			bigger than 100	9499/Full-03
	yes	yes	up to 20	9499/Full-04
			up to 100	9499/Full-05
			bigger than 100	9499/Full-06

Technical data	
System requirements	
Requirements on PC	processor: at least Pentium 200 MHz hard disk: 30 MByte free space resolution: at least 800 x 600 COM ports: min. 1, max. 12
supported operating systems	WINDOWS 95, WINDOWS 98, WINDOWS NT V4.0, WINDOWS Professional 2000
Functions	
Configuration (type and number of modules) and parameters of all modules for an I.S. 1 System	preparation offline storage in project data base download into I.S. 1 system online upload from I.S. 1 System (redocumentation)
inputs and outputs (I/O signals)	reading online
outputs (I/O signals)	setting online
diagnosis data from field stations, modules and signals	reading online
module-specific information	reading online (type of module, module revision, series number)
report for project documentation	Printing of lists on monitor, printer or into files <ul style="list-style-type: none"> • list of I.S. 1 field stations • 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-parameters of a field station
project documentation, comments, TAGs	storage in project data base (no download into the I.S. 1 system)
labels for I.S. 1 modules with TAG numbers	printing
import and export of project data (TAGs)	in preparation

Operating modes	
I.S. Wizard stand-alone-operation, without field bus	all functions, online and offline
I.S. Wizard and Modbus operation at the same time	all functions, online and offline
I.S. Wizard and Profibus DP operation at the same time	online download of all functions, online and offline, except of configuration and parameters into I.S. 1 system
Network characteristics	
The network capability of I.S Wizard is realized by the internal communication of the software modules via OPC (OLE for Process Control)	requirement: the network clients have to communicate with the server PC via DCOM
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 a consistent data stock , an identical hardware- and project data base
number of COM ports	max. 12, one PC realizes the communication with the ServiceBus
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. In the redundant CPU & power module, both CPMs are connected to the ServiceBus. The ServiceBus address is the field bus address of the primary CPMs
for segments in Zone 1	fieldbus isolating repeaters (Type 9373 or 9372) required
interface	RS 485
max. transmission speed	9,6 kbit/s
max. cable length of one segment	1200 m
max. number of field stations, RS 485 segment I.S.	18
max. number of field stations, RS 485 segment non-I.S.	31



Transmission of HART commands on the ServiceBus	
as an alternative to I.S. Wizard, a HART management software package can access on the ServiceBus	
compatible HART management software packages	<ul style="list-style-type: none"> • Cornerstone from ASTEC • AMS from Fisher Rosemount • PDM from Siemens