



- > Parameterisation and configuration of the IS1+ system
- > Communication with HART field devices via Profibus V1 or Ethernet
- > Support of all common FDT frame applications (e.g. FieldCare, PactWare™)
- > Condition monitoring
- > Scan function for automatic generation of topology
- > Informational functions (identification & maintenance)
- > HART Livelist
- > Error evaluation and indication



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The IS1+ DTM can be used for transmitting information between HART-capable field devices and an FDT frame application such as FieldCare or PactWare™. The communication uses the IS1+ Remote I/O system and the DP V1 Profibus or Ethernet. Using the DTM, the IS1+ system can be comprehensively configured and parameterised to the signal level. User-friendly functions such as "automatic topology generation" or "identification & maintenance" make work with HART field devices significantly easier for the operator. Integrated condition monitoring makes all HART information continuously available.

IS1+ DTM

9499/DTM series



Selection Table

Version	Max. number of HART devices per project	Order number
IS1+ device DTM / COM-DTM / HART gateway DTM	30	9499 / DTM - IS1 - 02
	300	9499 / DTM - IS1 - 04
	Unlimited	9499 / DTM - IS1 - 06

Free 30-day demo version available for download at www.rstahl.com

Technical Data

Certificate	FDT Group No. 2009-0003; No. 2009-0004
System requirements	
Operating system	Microsoft® Windows® 2000, Windows® XP, Windows Vista / 7 / 8 / 8.1 / 10
FDT frame	in accordance with FDT Specification 1.2 + Addendum
Communication	DP V1 Profibus master assembly with associated COM-DTM or Ethernet / DP V1 gateway with associated COM-DTM (e.g. Trebing + Himstedt, Softing, ifak, ComSoft, etc.) Ethernet IP network interface card
Remote I/O	IS1+ field stations with DP V1-enabled 9440/... CPM IS1+ field stations with Ethernet-enabled 9441/... CPU IS1+ field station with Ethernet-enabled 9442/35 CPU
IS1 firmware	9440 CPM series From V02-35 (DPV1) firmware 9441 CPU series All firmware versions 9442/35 CPU series All firmware versions
Functions	Note: For further details regarding the function even with older firmware versions, see operating instructions "DTM IS1" <ul style="list-style-type: none"> • CPM parameterisation and all I/O modules • Diagnostics of CPM, I/O modules and field signals • Condition monitoring (if supported by the FDT frame) • Scan – Automatic topology generation • Informational functions of CPM – Device type (DTM) information • Support of the "identification and maintenance" functions (I&M) • HART Livelist • User adjustment of the PROFIBUS DP slave address using the COM-DTM of the Class 1 master • Language selection: English, German • Online help
Demo version	<ul style="list-style-type: none"> • Full function of the COM-DTM • Restriction: 30 days of runtime • Free download from www.r-stahl.com
Selection of tested frame applications	<ul style="list-style-type: none"> • FieldCare (Endress + Hauser) • PactWare™ • FDT Container (M+M) • DTM Inspector (M+M) • CX Profibus (Omron) • others on request

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