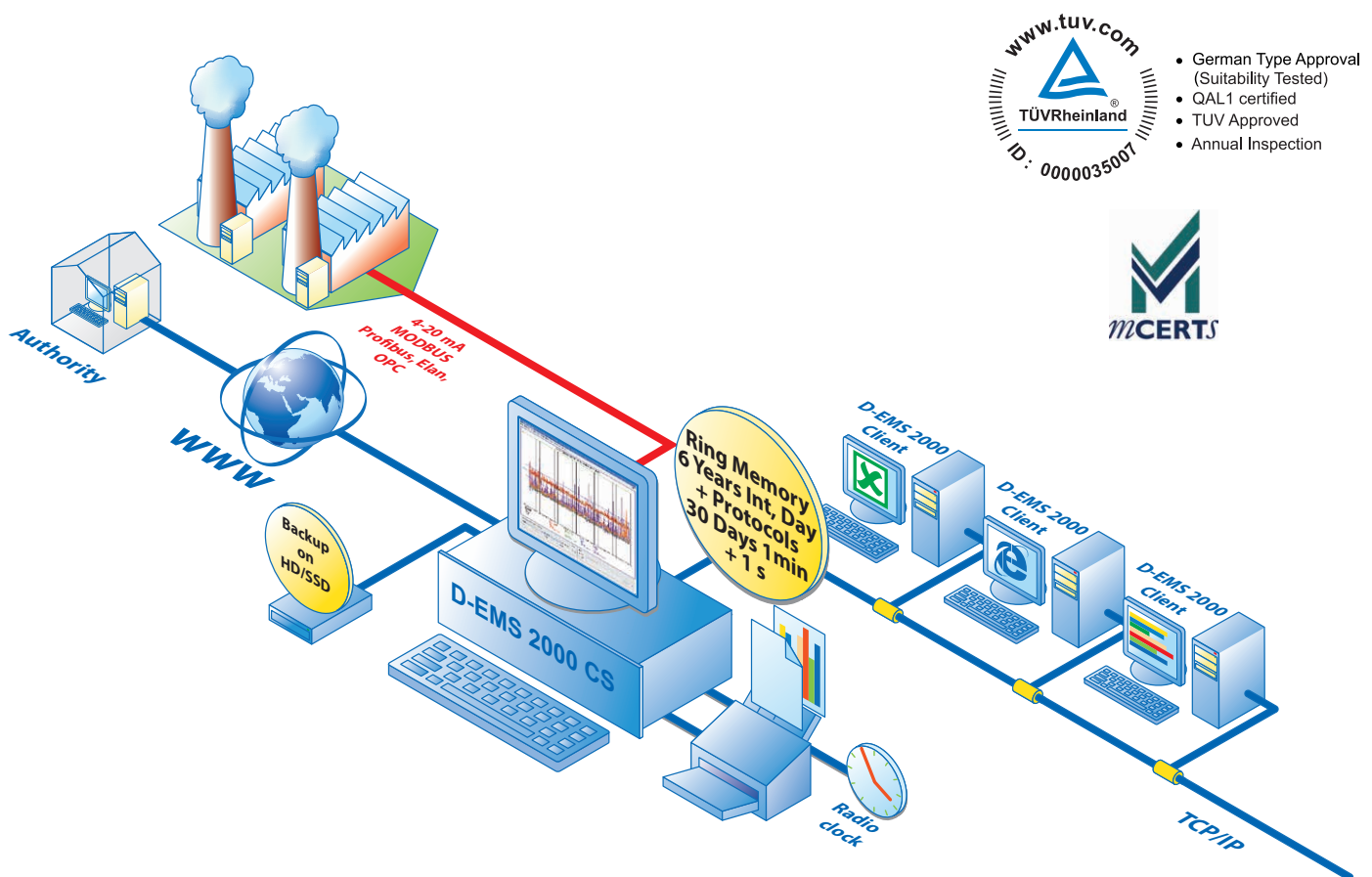


D-EMS 2000 CS

Data acquisition and handling system

Price effective compact system for small and medium sized plants



Main features

- Windows based and certified D-EMS 2000 Software
- All modules from the D-EMS 2000 System are usable
- Excellent cost/ performance ratio

Features

- Independently operating module for acquisition, long-term storage, calculation and visualisation of environmental and process data
- Instrument for Environmental Compliance check according to European & US-EPA regulations
- Continuous monitoring of 1 to 12 components connected via bus communication or hard wired
- Compact system, no additional evaluation PC required
- Visualisation available in 19 languages

Applications

- Emissions evaluation computer for small to medium-sized installations in all types of plants and industries

Approvals



















- Suitability-tested by TÜV in accordance with German TA-Luft, 1., 2., 13., 17., 27., 30. and 31. BImSchV as well as the European Directives 2010/75/EC, 2000/76/EC and 2001/80/EC considering EN 14181
- Approved and certified acc. to EN 15267-2
- MCERTS certified

Options

Three device types are available:

- 19" 3HU rack with monitor/ keyboard/ mouse
- 19" 1HU unit with slide-in keyboard and retractable monitor
- Desktop version with monitor/ keyboard/ mouse

Optional modules

	D-WinDeva Visualisation software for workstations PC's in customer's data network		D-OPC OPC UA interface for data transfer via Ethernet from/ to external systems		D-PM.WWW HTML-based presentation module for the network
	D-QAL Automated calculation of drift and precision, creation of CUSUM cards as well as complete documentation of the AMS. Fulfils the requirements of EN 14181 (QAL3)		D-Calibration Control Tool for control and visualisation of analyser calibration processes without own automatic calibration (zero or test gas supply and purging resp. back purging management)		D-Water Management Acquisition, evaluation and long term storage of water, waste water and/ or rain water for quality control and calculation of quantities etc.
	D-PROFIBUS DP PROFIBUS DP Slave interface incl. Modbus RTU <-> PROFIBUS slave converter		D-RED Backup service incl. redundant data filing on external hard disk drive		D-PM.MS Presentation module for data transfer from D-EMS 2000 to Microsoft Excel
	D-BUP Backup service for automatic redundant data filing on external storage device (hard disk or server)		D-CO2 Collection, analysis, reporting and visualisation of current and historical CO ₂ emissions		D-US EPA Evaluation software according to US-EPA 40 CFR part 60 and part 75
	D-RWS Raw value storage and display module, sampling rate 1/s		D-SQL Soft Additional data filing on a SQL data base		D-VDI 4201 Connecting devices via digital interface
	D-eMAIL Module for sending an e-mail in case of failure or limit exceeding		D-FW.WWW Remote service via Internet		D-BSM Customised screen mask