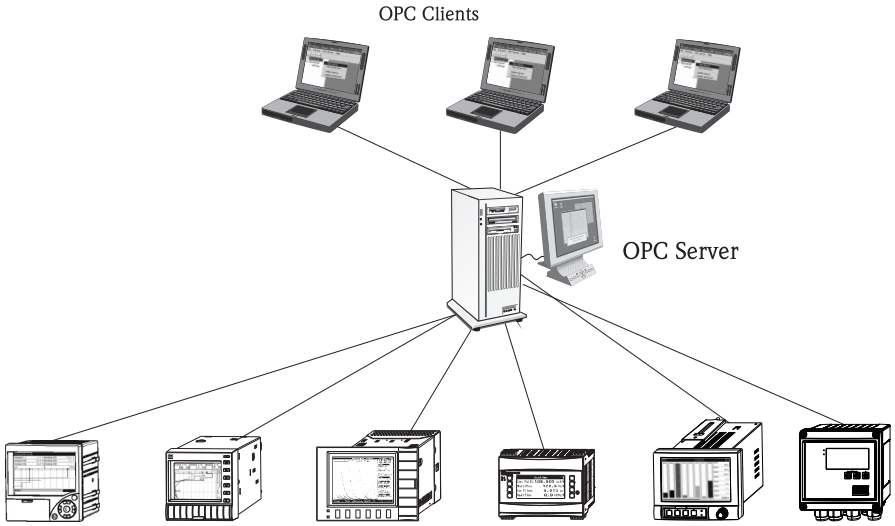
Level Pressure Flow Temperature Liquid Analysis Registration Systems Components Services Solutions

Technical information

OPC-Server

Standard software interface for exchange of measuring data



Application

Application in areas of factory and process automation. HMI-(Human machine interface), SCADA system -(Supervisory Control and Data acquisition) and DCS-(Distributed control system) manufacturers offer OPC interfaces with their products. The OPC server enables access to process data from the connected field devices. This data is made available to OPC clients in real time. With an OPC client software, such as ControlCare
P View by Endress+Hauser, the process data can be visualized. OPC is applied in plants independent of their size. The OPC server can be used in process industries such as:

- Pharma
- Food
- Oil & Gas
- Power & Energy
- Chemicals
- Water/waste water
- Building automation

Your benefits

- Easy connection to process visualization systems via standard interface OPC
- Low integration costs
- Simple handling on plant expansions
- Fulfils the OPC DA Data Access Specification
- Possible to connect multiple OPC clients

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Endress+Hauser
People for Process Automation

General information

This OPC Server was developed in order to enable access to data from Endress+Hauser devices. This data is made available to OPC clients in real time. Communication is made either by using an RS232/RS485 interface or a TCP/IP connection. The operating language is English.

Data access to Endress+Hauser devices	Data access to the instantaneous values (dependent on device type)
■ Alphalog ■ Ecograph A, Ecograph C, Ecograph T ■ Memograph ■ Memograph S ■ Steam and heat manager RMS621 ■ Energy manager RMC621 ■ Application and pump manager RMM621 ■ Density computer FML621 ■ EngyCal® RH33 ■ EngyCal® RS33 ■ Batch Controller RA33	■ Analog channels ■ Digital channels (digital combinations) ■ Mathematic channels ■ Totalizers ■ Date /time (Memograph S) ■ Process values ■ Masses and energy

Client-Server installation methods: **Local** – OPC client can be located either on the same computer as the OPC Server or **Remote** – OPC client can be located on another PC.

System requirements

Operating system	Windows® 2000, Windows® XP, Windows Vista™, Windows Server® 2003/2008, Windows 7™
Processor	min. 200 MHz; 400 MHz or higher is recommended
RAM	128 MB or more

Ordering information

Order code Endress+Hauser OPC-Server: **RXO20-11** (Full licence version)

Trial version
A Trial version can be used thirty days without obligation and free of charge. An up to date software version of the OPC server can be found on the internet at: **www.products.endress.com/rxo20**

Documentation

❑ Field of activities Recorder and data acquisition technology (FA014R/09/en)
❑ Field of activities System Components (FA016K/09/en)
❑ Operating manual OPC-Server (BA00223R/09/a2)

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