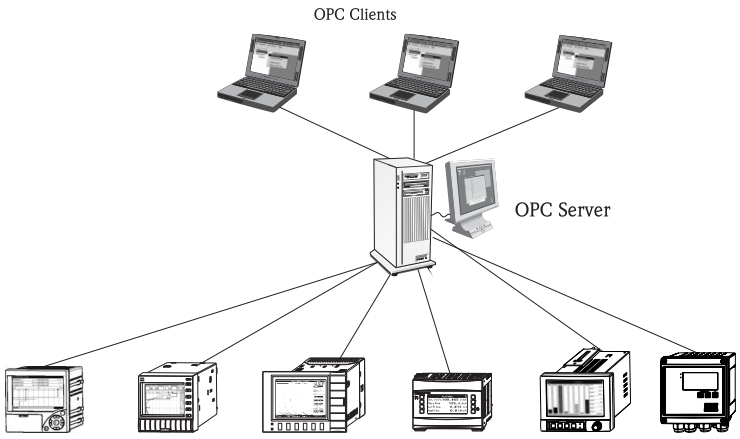
Technical information
OPC-Server

Standard software interface for exchange of measuring data



Visualization and monitoring of processes

Application
The OPC server enables access to process data e.g. instantaneuous values or totalizers from the connected Endress+Hauser field devices. The OPC server provides the data to OPC clients in real time. With an OPC client software the process data can be visualized. Communication is made either by using an RS232/ RS485 interface or a TCP/IP connection. OPC is applied in areas of factory and process automation independent of their size.

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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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, Memograph M ▪ 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™, Windows 8™
Processor	1 GHz or higher is recommended
RAM	1 GB or more

Ordering information

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Detailed ordering information is available from the following sources:

- In the Product Configurator on the Endress+Hauser web site: www.endress.com -> Choose your country -> Products -> Select measuring technology, software or components -> Select product (picklists: measurement method, product family etc.) -> Device support (right-hand column): Configure the selected product -> The Product Configurator for the selected product is opened.
- From your Endress+Hauser Sales Center: www.addresses.endress.com

Order code

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

Trial version

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

- System Components and Data Managers brochure (FA00016K/09/en)
- Operating manual OPC-Server (BA00223R/09/a2)

www.addresses.endress.com

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