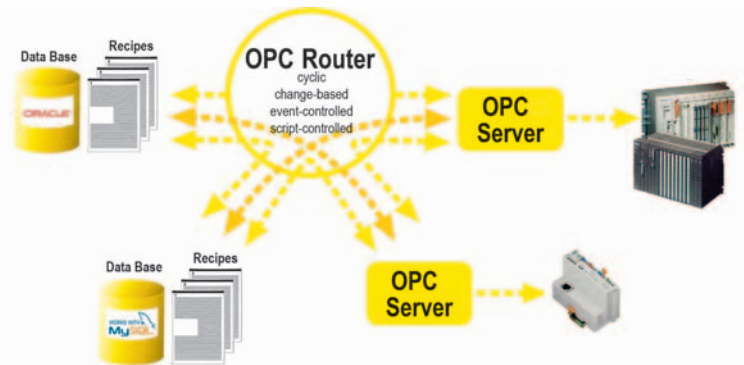# OPC Router
Connects OPC Servers among each other and with data bases

Since most of today´s visualization systems offer OPC interfaces which process the data of any OPC server, OPC is often presented as a software bus. This means that various communication partners connect to a common medium to exchange data. This model does not work for communication of OPC servers among themselves since the current widely used OPC DA standard does not include this. However, actual practice frequently shows that it is necessary to exchange data between automation components.

How does it work?

- The OPC Router is a OPC client with special function: It does not evaluate the data, but sends them directly to the respective addressee
- The Router uses OPC to establish the required link in a simple way without additional programming
- The OPC Router defines the participating components simply as data source and data sink

1. OPC server <-> OPC server
- Data transfer between OPC servers enables data exchange between automation components

2. Data base <-> Data base
- Creation of temporary data e.g. recipes
- Data Archiving as backup

3. Data base <-> OPC server
- Complex control tasks
- Transfer of machine parameters, product parameters and recipe data is triggered by selected events

4. OPC server <-> data base
- Reasonable with product tracing, tracking and production data aquisition

Order data

OPC Router includes: 1 Server Runtime licence and configuration software

Product:	Order number:
OPC Router	500-8000-01

Features

- Compatibility to the OPC servers available on the market
- Supported data bases: ADO driver (e.g. Access, mySql, MS Sql, Oracle,…)
- Event controlled data transfer via trigger: timer trigger, asynchronous trigger, bit trigger, VB script
- Communication of automation components via Ethernet
- Diagnosis of connections via Internet / Intranet in the form of dynamic HTML sites
- VB script interface for user-defined transmission events and add-on
- Data traffic only has to be projected (NOT programmed)
- Operating systems: Windows NT / 2000