

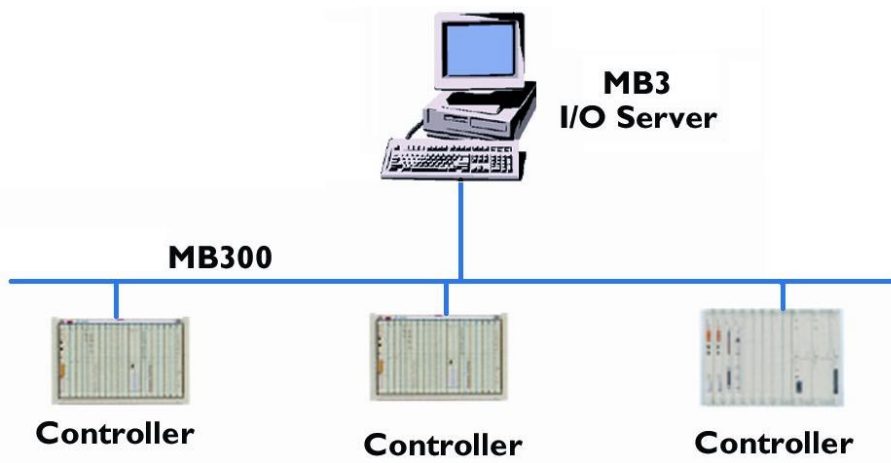
# MB3 OPC Server

for

## ABB Advant and Masterpiece

via

## Masterbus 300



The OPC server for ABB MasterBus 300 provides fast and reliable communication interface for OPC clients to ABB Advant Controller and ABB Masterpiece via Ethernet. The server handles data exchange with all major objects in the ABB Controllers.

The Server is designed for installation in large applications and features options such as performance optimization, redundancy and tools for troubleshooting. To assist in developing and commissioning an application there is an auto-configuration functionality and a status display of symbolic name translations that can be used.

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## Features

- ◀ Supports data subscription and data change of AI, AO, DI, DO, DAT, PIDCON, PIDCONA, MANSTN, RATIOSTN, VALVECON, MOTCON, MMCX, TEXT, GENBIN, GENUUSD1-6, TANKCON, GENCON and SEQ objects
- ◀ Uses Event, Cyclic or Demand subscription
- ◀ Symbolic Name Translation with status indication
- ◀ Logical Database references are stored in a server configuration for rapid start-up
- ◀ Status and system information available in the tree browser of the Power Tool
- ◀ Automatic configuration of server from client
- ◀ Only one data block per object even if multiple subscription types are used
- ◀ Support for redundant OPC servers
- ◀ Support for any OPC client
- ◀ OPC Data Access 2.05
- ◀ Server browsing
- ◀ Display of Process and System Events with time stamp from controller
- ◀ Advanced optimization capabilities to minimize bus load

## Supported ABB Hardware

Controller Hardware	MasterBus 300 Communication Board
ABB Advant Controllers AC410 and AC 450	ABB CS 513 with standard settings for Network Elements and variable framesize.
ABB Masterpiece 280/1	ABB DSCS 140 with standard settings for Network Elements and variable framesize.

## System Requirements

Operating System	Microsoft Windows 2000 Pro and Server, Windows XP
Network Adapter	Any standard IEEE 802.3 Ethernet adapter to connect to Masterbus 300.

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