



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.

MB3 OPC Server for ABB Advant and Masterpiece via Masterbus 300

FEATURES:

- ⌘ **SUPPORTS DATA SUBSCRIPTION AND DATA CHANGE OF** AI, AO, DI, DO, DAT, DRICONE, DRICONS, PIDCON, PIDCONA, MANSTN, RATIOSTN, VALVECON, MOTCON, MMCX, TEXT, GENBIN, GENUSD1-6, TANKCON, GENCON, SEQ, and DATASET objects.
- ⌘ **AC SYSTEM STATUS OBJECTS.**
- ⌘ **USES EVENTS, 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.
- ⌘ **OPC ALARMS & EVENTS.**
- ⌘ **TTD LOGS.**



The OPC server for ABB MasterBus 300 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.

SUPPORTED ABB HARDWARE

- ⌘ **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
 - 2003 server
- ⌘ **NETWORK ADAPTER**
 - Any standard IEEE 802.3 Ethernet adapter to connect to Masterbus 300

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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. Some of its features include symbolic name translation with status indication, support for any OPC client, and TTD logs.

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