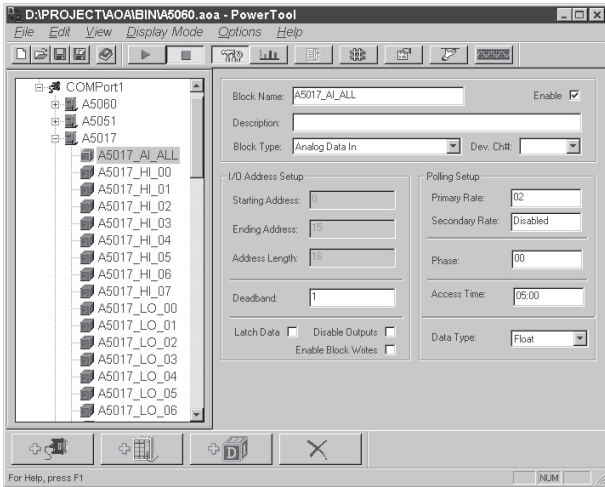


# OPC Server



## Features

- Microsoft Windows 98/2000/NT
- Compatible with OPC client compliant application software
- Compatible with Microsoft Visual C++, Visual Basic, Inprise Delphi and C++ Builder
- Complies with OPC Specification V2.0a
- Provides OPC custom interface

## Introduction

OPC (OLE for process control) is a standardized interface for industrial device servers. An OPC server driver lets devices, such as ADAM and other I/O devices, communicate with a wide range of HMI/SCADA software packages residing on a host. Advantech OPC server drivers conform to OPC standards, and provide immediate compatibility between Advantech I/O systems and a very wide range of application software systems. Any software system with OPC client capabilities can access Advantech OPC server drivers. Advantech OPC server drivers are available for many Advantech devices, including ADAM-4000 series, ADAM-5000 series, and ADAM-6000 series.

Advantech OPC server drivers were developed using Intellution's OPC Toolkit V7.10. Advantech OPC server drivers provide the interface and communications protocol between your process control software and ADAM I/O series. The following features outline the flexibility and ease-of-use of all Advantech OPC server drivers:

- Complies with OPC standards.
- Uses OLE Automation technology.
- Event-driven architecture.
- Integrated with FIX Dynamics.

Advantech OPC server drivers consist of the following OLE components:

- The I/O server (the core executable program):  
The I/O server maintains the driver's channel, device, and datablock objects, performs all required functions for communicating with the process hardware, and exposes the methods and properties to other applications.
- The I/O driver Power Tool:  
The Power Tool accesses the I/O server and lets you view and modify channel, device, and datablock properties.

## Specifications

### Supported Hardware

- All ADAM-4000 series modules
- All ADAM-5000 series
- All ADAM-6000 series modules

### System Requirements

- IBM compatible PC (486 processors or higher)
- Microsoft Windows NT platform
- 32 MB RAM or higher
- 5 MB of free local hard disk space
- One 3.5" floppy drive



## Ordering Information

- **PCLS-OPC/ADM** OPC Server for ADAM-4000 ADAM-5000/485, ADAM-5000E series modules
- **PCLS-OPC/MOD** OPC Server for Modbus/RTU compliant devices
- **PCLS-OPC/MTP** OPC Server for Modbus/TCP compliant devices
- **PCLS-OPC/A8K** OPC Server for ADAM-8000 series

