

## OPTOOPCSERVER DATA SHEET

### Features

- > OPC-DA 2.0-compliant
- > Monitors, configures, and controls SNAP PAC controllers and brains as well as Opto 22 legacy devices
- > Provides fast, efficient handling of communications between multiple OPC clients and Opto 22 devices

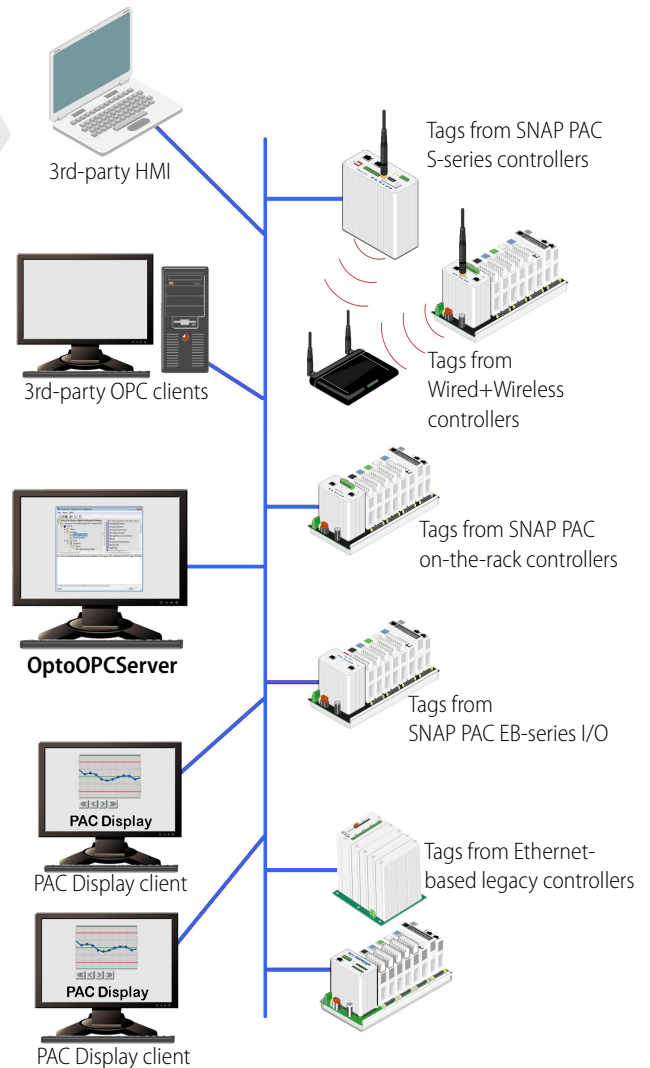
### DESCRIPTION

OptoOPCServer™, part of the PAC Project™ software suite, is an OPC-DA 2.0-compliant server that connects your OPC client software with Opto 22's *groov* EPIC and SNAP PAC systems, and legacy controllers and I/O units. Through OptoOPCServer, your HMI and SCADA applications can monitor, configure, and control these Opto 22 systems:

- *groov* EPIC processors
- SNAP PAC S-series standalone controllers
- SNAP PAC R-series on-the-rack controllers
- SNAP PAC EB-series brains\*
- SNAP PAC SB-series brains connected to SNAP PAC S-series controllers
- Ethernet-based legacy controllers and I/O units, such as the SNAP-LCE and SNAP Ultimate, SNAP Ethernet, and SNAP Simple I/O, as well as Ethernet-based FactoryFloor™ *mistic* controllers, such as the SNAP-LCM4, M4, M4RTU, and M4IO (M45ENET-100 Ethernet adapter card required).

OptoOPCServer is designed for fast, efficient handling of communications between multiple OPC clients and Opto 22 devices. Because OptoOPCServer uses a report-by-exception method of communicating with clients, network traffic on industrial automation and manufacturing networks is kept to a minimum. On the client side, OptoOPCServer consolidates tasks from multiple OPC clients, recognizing identical requests and avoiding duplication.

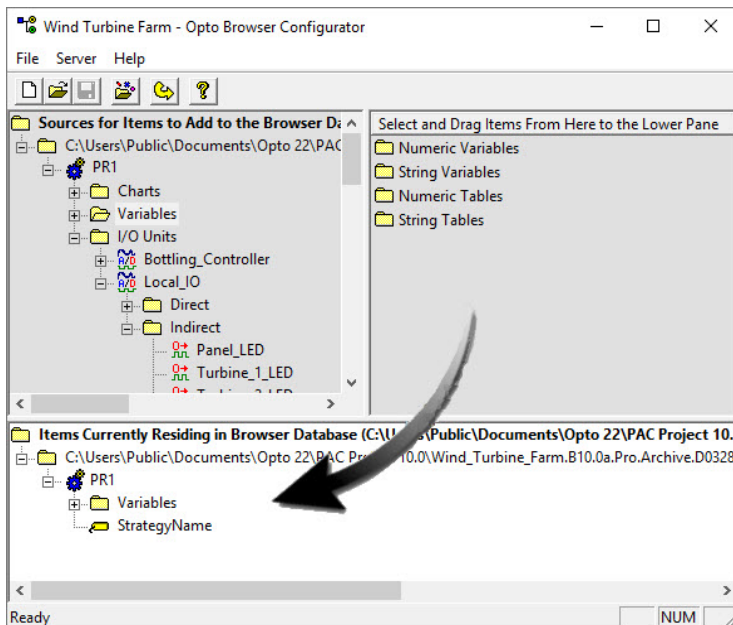
OptoOPCServer is strongly recommended for multiple seats of PAC Display™. It is the critical component for scaling up a PAC Display monitoring system for optimum performance.



System Architecture

### Part Numbers

Part	Description
OPTOOPCSERVER	OptoOPCServer software and documentation on CD, plus printed documentation



Opto Browser Configurator provides an intuitive drag-and-drop interface for building OPC browser databases from Opto 22 control and configuration files.

OptoOPCServer includes these software components:

- Opto Browser Configurator, an easy-to-use application that creates an OPC browser database from Opto 22 PAC Control strategies, ioControl and OptoControl strategies, and I/O unit configuration files
- OptoOPCServer, which runs on a workstation or dedicated network server
- OptoOPCServer debug monitor, for viewing the activity between OPC clients, OptoOPCServer, and Opto 22 devices.

- Ethernet capability
- VGA or higher resolution monitor. Minimum size: 800x600 with small fonts
- Mouse or other pointing device
- (Optional) Installed Windows printer
- If your PAC Display Pro project accesses an M4-series controller (such as a SNAP-LCM4 or M4RTU) via an Ethernet connection, controller firmware version R4.1a or newer is required. In addition, in order to access strings or string tables, controller firmware R4.1d or newer is required.
- At least 19 MB of available hard drive space.

## REQUIREMENTS

To use OptoOPCServer with your PC, you must have the following minimum configuration:

- A computer with a standard or mainstream processor and (at least) the minimum memory required for your version of Microsoft Windows. (Low-end CPUs are not recommended.) Additional memory may be required for some configurations.
- One of the following operating systems:
  - Microsoft® Windows® 10 Professional (32-bit or 64-bit)
  - (OptoOPCServer and OptoDataLink only) Windows Server® 2012 R2 and Windows Server 2008 R2

*NOTE: PAC Project cannot be installed on Windows XP or older Windows operating systems. Embedded operating systems are not tested or supported.*

## HOW TO OBTAIN OPTOOPCSERVER

Purchase OptoOPCServer either separately or as part of the complete PAC Project Professional software suite. You can [download OptoOPCServer](#) from our website at [www.opto22.com](http://www.opto22.com).