

Matrikon[®] OPC Data Manager

Version 8.1.3

Matrikon OPC Data Manager acts as a bridge between OPC Servers, allowing those OPC servers to share data in real time!

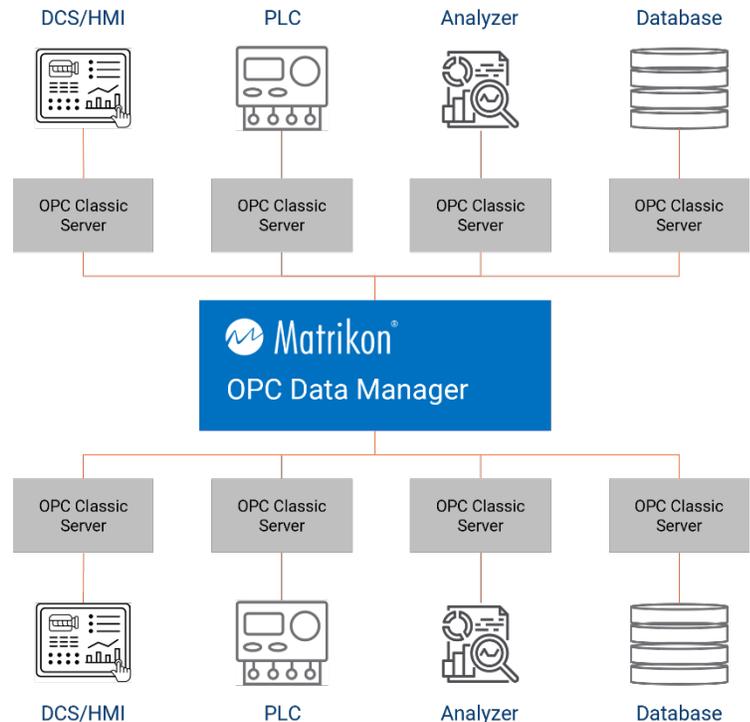
Overview

Matrikon ODM (OPC Data Manager) is a software application that transfers data from one OPC server to another. Use ODM when you need to share data between two or more control systems, or between a PLC and a DCS. With ODM, this connectivity can be accomplished with standard, off-the-shelf software.

Traditionally, hard wires connected both inputs and outputs of control systems to transfer such data. This made data sharing complex to setup properly and expensive to maintain. OPC is well suited to sharing data between different vendors' systems because it eliminates connectivity problems caused by proprietary communications. The easiest way to connect two OPC Servers (one for each device) is to use ODM.

ODM is specifically designed to share real-time, historical, and Alarm & Events data between two or more control systems in a secure and reliable manner. The interface is intuitive making the mapping process quick and easy.

OPC servers are available for every major system on the market today. Traditional OPC-enabled systems share data by implementing one application as an OPC client and another as an OPC server. Sometimes, however, neither application is an OPC client; instead, both are servers. Two OPC servers can't exchange data, as they are designed to respond to a client's requests and are unable to generate requests. ODM solves this problem by acting as a "double-headed" or "thin" OPC client to both servers. It requests data from one server and immediately sends it to the other OPC server.



Product Features

- Facilitates the transfer of data between OPC Classic servers.
- Supports both unidirectional and bidirectional data transfer.
- The statuses for Tags, Master OPC Servers, and Slave OPC Servers are displayed for easier troubleshooting.
- The GUI for the Configuration Panel provides users with the information they need to know.
- Supports Data Manager redundancy.
- Automatic start-up
- Supports writing value, quality, and timestamp to HDA servers.
- No programming required.
- Supports COM/DCOM
- Can be configured to run as a Windows service.
- Allows user to control data transfer based on quality
- Includes its own server: the Matrikon OPC Server for Data Manager
- Enables bulk configuration.
- Sustained throughput, 10,000 reads/second, 3,000 reads/writes per second

Product Specifications

System Requirements

Hardware Requirements

- Intel® i5 Processor
- 4 GB RAM
- 40 GB HDD (*minimum recommended free space*)

Software Requirements

- Microsoft .NET 3.5

OPC Specifications

- OPC overview 1.0
- OPC Common Definitions and Interfaces 1.0
- OPC Security Custom Interface 1.0
- OPC Data Access Custom Interface Standard 2.05

Supported Operating Systems

- Microsoft Windows 7 (32-bit and 64-bit)
- Microsoft Windows 10
- Microsoft Windows 11
- Microsoft Windows Server 2012 R2
- Microsoft Windows Server 2016
- Microsoft Windows Server 2019
- Microsoft Windows Server 2022

Next Steps

Start Your Digital Transformation Today!

- Download a free 30-day trial of [OPC Data Manager](#)
- Contact our sales team for a personalized demo at sales@matrikonopc.com
- Learn more at www.matrikonopc.com/opc-data-manager