



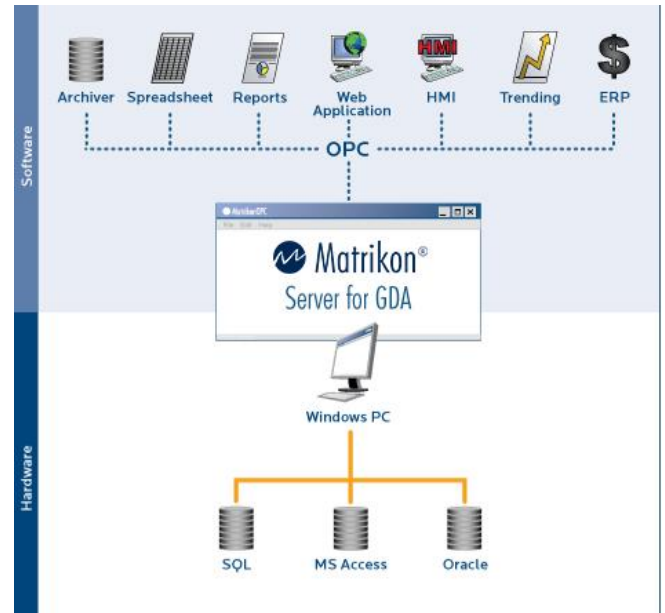
# Matrikon® OPC Server for Database GDA (ODBC) 3.3.1

## Datasheet

The OPC Server for Databases supports both real-time and historical data access to ODBC, MS SQL, MySQL, and Oracle compliant databases. Users may map the OPC point name, value, quality and timestamp by ODBC source table column, custom queries or through pre-configured stored procedures. Applications that require connectivity to databases can use this Matrikon OPC Server to access real-time and historical process data that is archived by an online analyzer, laboratory personnel, etc.

### THE FEATURES INCLUDE:

- NEW: Support for MongoDB, a popular NoSQL database
- Multi-Instance support
- Improved database write performance
- Support for MongoDB a popular NOSQL database
- Supports OPC Alarms and Events: Simple and Conditional. Acknowledgement and Storing
- Updated Graphical User Interface for simplified workflow and ease of use
- Supports using column names as tag names
- Batch IDs and Insert Time Stamps (BatchID makes a group of Tags unique and Insert Time Stamp stores the Time at which the write was done on the tag value regardless of what the actual timestamp was)
- Connection indicator (shows whether you are currently connected to the database or not)
- Executes database functions and procedures with OPC point values filling in the parameters
- Aggregates List: Average, Count, Duration Bad, Duration Good, Interpolated, Maximum, Maximum Actual Time, Minimum, Minimum Actual Time, Percent Bad, Percent Good, Standard Deviation, Time Average, Total, Variance, and more...
- User-friendly help tab (dynamically changes based on the options that are selected for GDA Object Devlink)



### SUPPORT:

- Support for ODBC-compliant databases such as MySQL, Microsoft SQL, Oracle, Microsoft Access, Rockwell RSSQL, Sybase, etc
- Access to both real-time and historical data
- Read and write access
- Simultaneous connection to multiple databases
- Aliases for tag names
- Calculation engine

### BENEFITS & OPTIONS

- Flexible Client Application Connectivity Options
- Dedicated Device Connectivity
- Tag Database and Browsing Options
- Extensive Tag Management Options
- Diagnostic and Logging Options
- Certified Compliant and Interoperability Tested
- Common User Experience
- Configuration to Optimize for a Specific System
- Full Featured OPC Test Client – OPC Explorer

## SYSTEM REQUIREMENTS

### Software Requirements:

- Microsoft Windows 7 (32-bit and 64-bit)
- Microsoft Windows 10 (64-bit)
- Microsoft Windows Server 2008 R2 SP1 (64-bit)
- Microsoft Windows Server 2012 R2 (64-bit)
- Microsoft Windows Server 2016
- Microsoft Windows Server 2019
- Microsoft Windows Server 2022

### Hardware Requirements:

- Intel CORE i5
- 2 GB RAM
- 80 GB 7200 RPM Hard Drive

### Device Software:

- ODBC DLLs

### AVAILABLE ADD-ONS:

- OPC Tunneller: Simplifying network communication
- OPC Data Manager: Data bridge between OPC Servers
- OPC Redundancy Broker: Backup server support for critical data
- OPC Desktop Historian: Real-time data archiving
- Easy Trender: Visualize real-time OPC data
- Excel Reporter: Analyze and report OPC data in Microsoft Excel

## SUPPORTED OPC SPECIFICATION

- OPC A&E (OPC Alarms and Events) 1.0
- OPC A&E (OPC Alarms and Events) 1.01
- OPC A&E (OPC Alarms and Events) 1.1
- OPC DA (OPC Data Access) 2.0
- OPC DA (OPC Data Access) 2.05a
- OPC DA (OPC Data Access) 3.0
- OPC HDA (OPC Historical Data Access) 1.0
- OPC HDA (OPC Historical Data Access) 1.1
- OPC HDA (OPC Historical Data Access) 1.2
- OPC Security 1.00

### More Information

To learn more about Matrikon, visit [www.MatrikonOPC.com](http://www.MatrikonOPC.com) or contact your Matrikon account manager.

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