

# MatrikonOPC Buffer

## Storing process data in the field or on the fly just got easier.

MatrikonOPC Buffer is a rugged and robust field historian specifically designed for storing complex data before it gets sent to a central OPC enabled historian. The dynamic rolling buffer enables you to store large quantities of temporary data. This data is compressed and stored right on your remote hard drive using minimal disk space, eliminating storage concerns at mission critical times.

Easy to install off-the-shelf, MatrikonOPC Buffer can be seamlessly paired in series to provide a quick and easy field redundant data architecture. This makes it perfect for operational sites that are remote or isolated from the main historical network. Field level redundancy makes MatrikonOPC Buffer a must have for operators, engineers, and maintenance personnel.

### MatrikonOPC Buffer features:

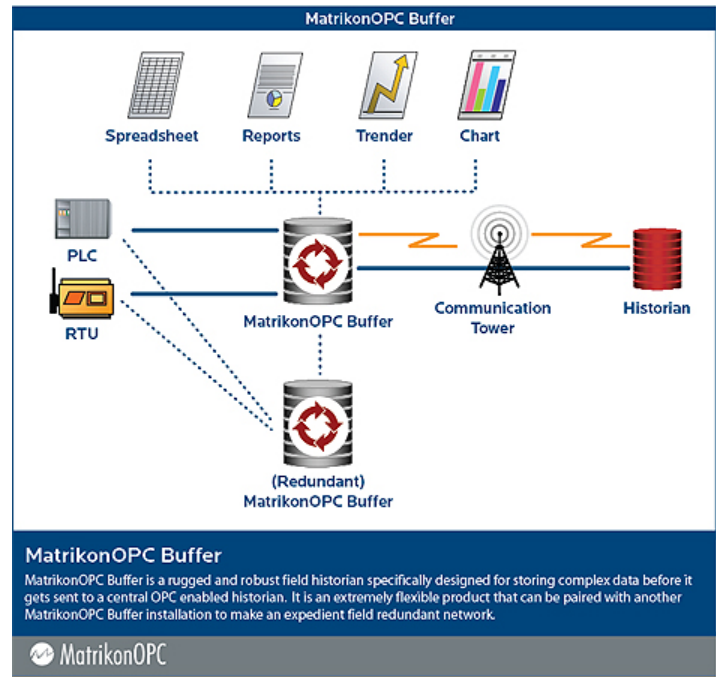
- Connect to any Vendor's OPC DA server
- Dynamic Rolling buffer archives data using minimal hard drive space
- Schedule the transfer of OPC data to any OPC enabled process historian, CSV or formatted text file
- Real-time data access via a supplied OPC DA server
- Historical data access of buffered data
- Pair MatrikonOPC Buffers to form a redundant data network

### Remote Configuration:

MatrikonOPC Buffer can be configured remotely via wireless or Ethernet network. This is especially useful for remote sites that are logistically hard to get to, or in climate prevents manual retrieval of data.

### Typical Applications:

- Rolling Buffer Mode: Loop performance analysis and tuning, short term historical monitoring, store and forward and more
- Continuous Storage Mode: Long term process analysis, process tracking and more



### Supported OPC Specifications:

- OPC DA (OPC Data Access) 1.0a
- OPC DA (OPC Data Access) 2.0a
- OPC DA (OPC Data Access) 2.05a
- OPC DA (OPC Data Access) 3.0a
- OPC HDA (OPC Historical Data Access) 1.00
- OPC HDA (OPC Historical Data Access) 1.10
- OPC HDA (OPC Historical Data Access) 1.20

### Technical Details:

Supported Operating Systems:	Windows 2000; Windows XP; Windows 2003 Server
Protocol or API:	API (Application Program Interface. A set of routines provided in libraries that extends a language's functionality)
Name of Protocol or API:	OPC
Redundancy:	Yes
Configurable Time Out:	Yes
Telemetry SCADA Class Product:	No
Multidrop Supported:	Yes
Tag Browse Capability:	Yes
Supports Multiple Data Sources:	Yes

