

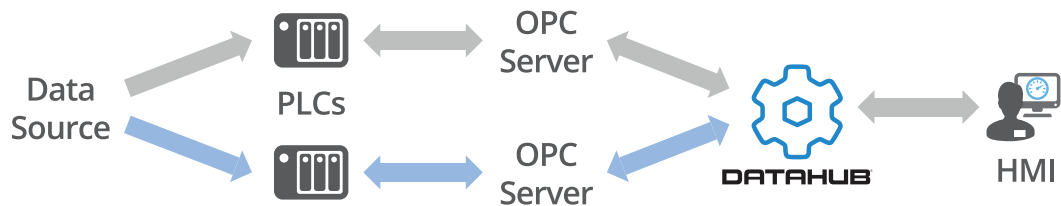


DataHub® Redundancy

ADD AN EXTRA LAYER OF PROTECTION

Ensure a Reliable Connection with Hot-standby Backup

Building a robust, hot-standby redundant system just got a lot easier. Using the DataHub's Redundancy feature, you can add a second redundant communication path to maintain your connection in case your primary link goes down. The DataHub will manage the failover automatically, ensuring a timely and smooth transition.



Effective Problem Detection

- Smart failover only triggers when the data source changes
- Choose event-based monitoring of points or link monitoring of the connection, or use both together
- Failover can apply to the entire server or data subsets, and to any number of points. This is useful when dealing with very large or very small systems
- Rate of change monitor can switch data sources when a point changes too slowly, indicating a problem

Rapid Response Times

- Millisecond timeouts for 'bumpless' failover minimize data loss
- Failover testing event-based, typically within 50 microseconds
- Highly efficient: only a single network connection to server is necessary for any number of clients connecting to DataHub
- No dependency on timers reduces switchover latencies

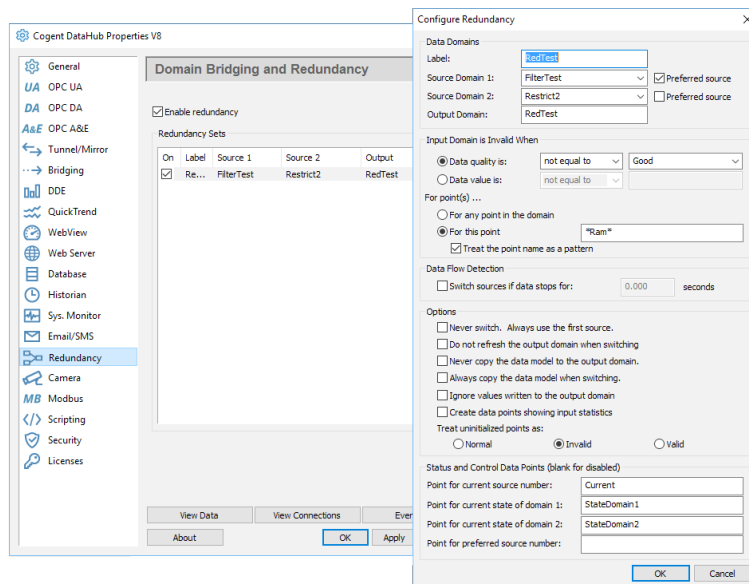
Fully Integrated

Redundancy is an add-on feature for any DataHub product. It is typically used in networking scenarios with the Tunnel/Mirror feature, and works equally well with OPC UA, OPC Classic (DA or A&E) - with any brand of OPC Server, Modbus, DDE, and ODBC. You can use the Email/SMS feature to send notifications of failovers, or the Database feature to log them, as well as diagnostic information.



Convenient to Use

- Supports hot, warm, and cold standby
- Complete access to both data sources at all times makes it easy to collect and present diagnostic information
- Configuration options for preferred data source, flow detection rate, status and control data points, input statistics, and more
- Easy to use, point and click interface. No programming necessary



System Information

DataHub supports OPC UA, Classic (DA 3, DA 2, and A&E), as well as Modbus TCP, ODBC, DDE, TCP, HTML, and XML. It runs on the following operating systems:

- Windows Server 2016 (64-bit)
- Windows Server 2012 & R2 (64-bit)
- Windows Server 2008 & R2 (64-bit)
- Windows Server 2003 & SP2 (32 & 64-bit)
- Windows 10 (32 & 64-bit)
- Windows 8.1 (32 & 64-bit)
- Windows 7 (32 & 64-bit)
- Windows XP SP2 (32 & 64-bit)

Ordering Information

Product	Code	Description
Data Redundancy	ADDRED	Redundancy feature