



# OPC Router



Bridge the gap between OT and IT using Industry 4.0 Software

As a central communication platform, OPC Router provides automated data exchange between PLCs, SCADA, MES, SAP®, databases, printers, cloud applications and many more systems.

## Real-time Data Interchange and Structured Workflows

OPC Router acts as a standardised 'middleman' for data exchange, amalgamation and capture, across a wide range of systems and stand-alone software solutions, spanning over all levels of automation. At the same time, OPC Router provides a unique environment to execute powerful workflows and sequencing, eliminating the need for custom software applications and SCADA scripts.

## Ease of Use!

Simple drag&drop interface makes complex connections, such as between OT PLC data and IT SAP data, easy and quick. Simply browse and select the data source, data destination and define a trigger condition. Job done!



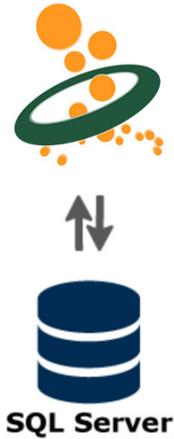
- **Easy:** Simple modern graphical user interface for data connection display
- **Powerful:** Single software solution for entire industrial communication needs
- **Scalable:** Only use the plug-ins you need – add more plug-ins to scale the application
- **History:** Record and visualise transfers and events
- **Standardisation:** Save time & money by avoiding redundant multiple data system
- **Extensive:** Comprehensive plug-in types encompassing various protocol support

## The Essential IoT & Industry 4.0 Software

The OPC Router software is perfect for fast, efficient, structured data exchange, at the interface between the dissimilar systems and between the similar worlds of IT, OT and IoT.

It supports an unlimited quantity of tags, transfers and interconnected systems, showing all active data transfers & actual values in real-time, for effective diagnostics.

## Production Data Logging



With the OPC Router data plug-ins, you configure the details and data-flow of each unique data logging application. These plug-ins allow you to load data from various source systems and transfer it to various destination system. Typical data destinations include MES systems & ERP systems, including SAP

A Microsoft SQL Server can be used as a central operating data-base and the data source systems are connected graphically, with no programming required.

## Quick and easy OT - IT integration

For effective and efficient production real-time data-connections between an ERP / business systems and a PLC are often required e.g. batch recipes, part customisation, item labelling, stock location, raw material usage, etc. Without OPC Router, this data connectivity is very difficult, involved and expensive to achieve.



## Seamless IIoT connectivity



The MQTT protocol has been specifically designed for low bandwidth devices and networks. Therefore small and low-power devices and sensors are ideal MQTT data sources.

With the OPC Router, data from these data sources can be received via an in-built MQTT broker and transferred to real-time control systems, databases, SAP, printers, and other plug-ins.

MQTT data traffic is bidirectional, so data can also be sent out to these devices, allowing the setting of device set-points and triggers.

For detailed information on each of these powerful plug-ins please visit our website : <https://www.mac-solutions.net>



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