



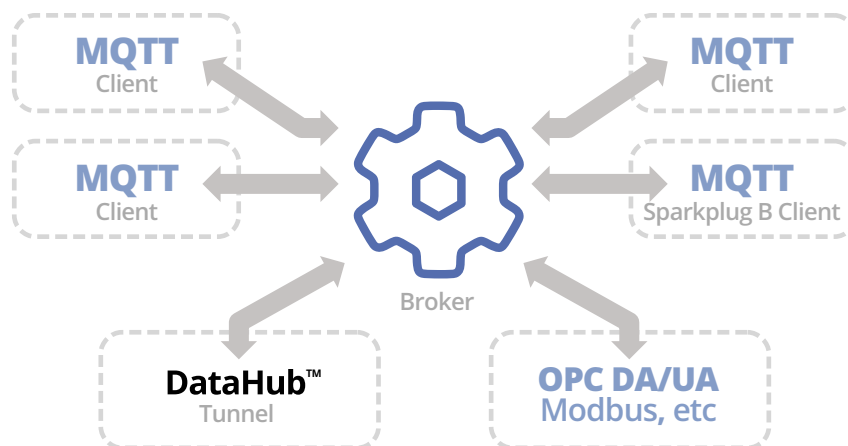
Cogent **DataHub™**

Smart MQTT Broker

Get more from MQTT



Using the DataHub™ Smart MQTT Broker™ software you can aggregate, standardize, and secure your MQTT data. It offers quick, automatic parsing based on IETF JSON schemas, and supports multiple simultaneous JSON formats, as well as Sparkplug B. DataHub™ technology lets you connect any MQTT client to any supported protocol – OPC DA, OPC UA, Modbus, ODBC, DDE and more.



Aggregate, standardize and secure your MQTT data

With the DataHub™ Smart MQTT Broker software you can connect any MQTT Client, then aggregate and normalize the data. Once the data is aggregated, you can publish the data to any cloud broker, SCADA system, or supported historian. Built-in security lets you prevent or selectively allow bi-directional communications. What's more, each point is assigned a quality status, so that every client knows if any MQTT client connection fails.

Integrate multiple JSON formats and Sparkplug B

Connect to multiple MQTT clients simultaneously, regardless

of the JSON format they use. The DataHub™ Smart MQTT Broker software lets you configure multiple JSON formats to simplify integration from your field devices. Smart support for MQTT Sparkplug B means you can respond to errors, resolve failed writes to devices, add data quality information, and keep all applications synchronized, all helping to resolve many edge case inconsistencies.

Leverage IETF JSON schemas

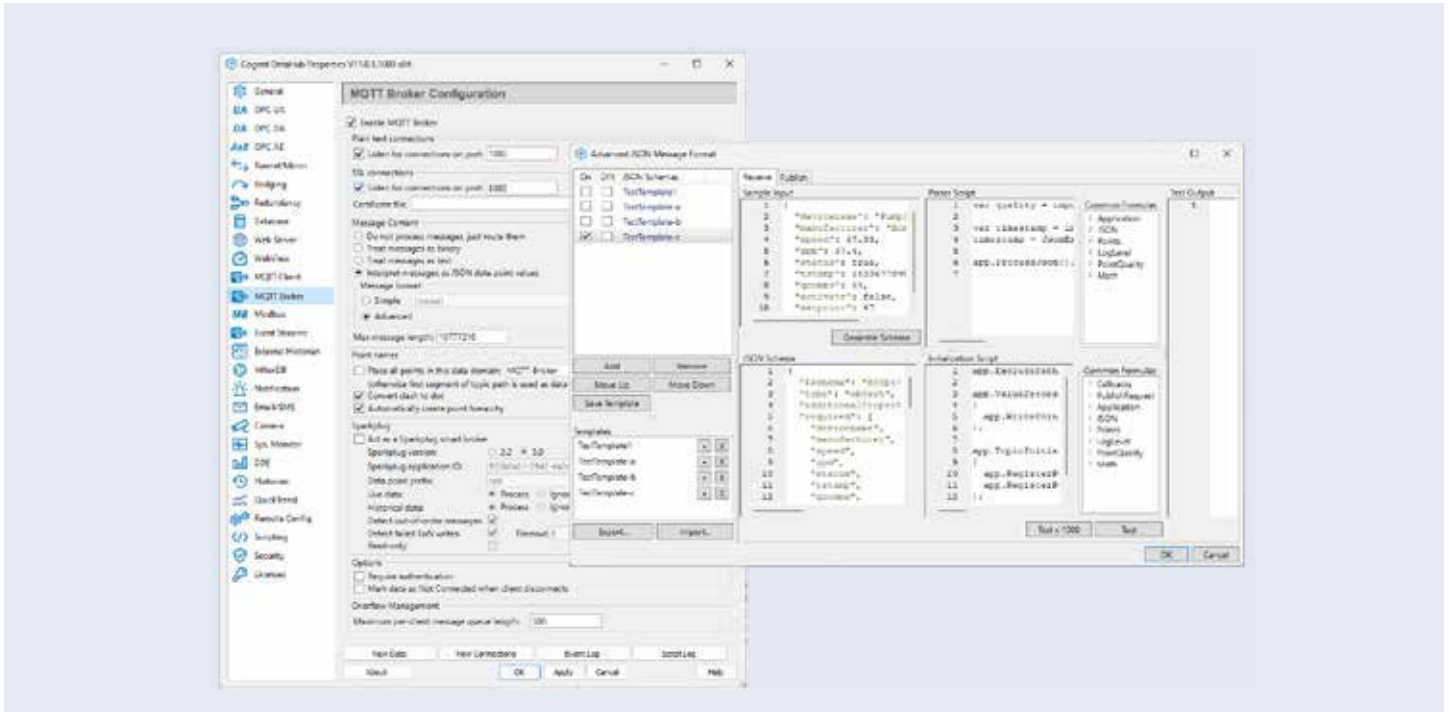
Unlike most client applications, where each MQTT message must be individually parsed, the DataHub™ Smart MQTT Broker software supports the IETF draft specification for JSON Schemas, which enables automatic parsing that is not only quick, but future-proof to any changes in data.

Not your typical MQTT Broker

There is nothing else like it. Although many MQTT brokers are available, none offer an out of box connection to OPC UA, DA, Modbus TCP or ODBC. Incorporating these protocols, the DataHub™ Smart MQTT Broker software makes MQTT an integral part of any new or legacy system.

Flexible configuration

Options for SSL, non-JSON formats, creating DataHub™ points from message content, and the ability to send and receive messages from multiple formats simultaneously.



System information

DataHub™ software supports OPC UA (server and client), OPC UA A&C (server and client), OPC UA HDA (server), OPC Classic (DA 3, DA 2, and A&E), as well as Modbus TCP, MQTT, MQTT Sparkplug B, ODBC, DDE, TCP, HTTP and more. It runs on the following operating systems:

- Windows Server 2022 / 2019 / 2016
- Windows Server 2012 & R2
- Windows Server 2008 & R2
- Windows Server 2003 & R2 (DataHub v8 only)
- Windows 11 / 10 / 8.1 / 7
- Windows XP SP2 (DataHub v8 only)

About Skkynet

Skkynet is a global leader in real-time software and services that allow companies to securely acquire, monitor, control, visualize, network and consolidate live process data in-plant or in the cloud. DataHub™, DataHub™ for Azure, and Embedded Toolkit (ETK) software enable secure, real-time data connectivity for industrial automation, Industrial IoT, and Industrie 4.0. Visit skkynet.com for more about the company and cogentdatahub.com for more about Cogent DataHub.

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Ordering Information

PRODUCT	CODE	DESCRIPTION
MQTT Broker Core	DHMQB	DataHub MQTT Smart Broker