### SKKŶNET

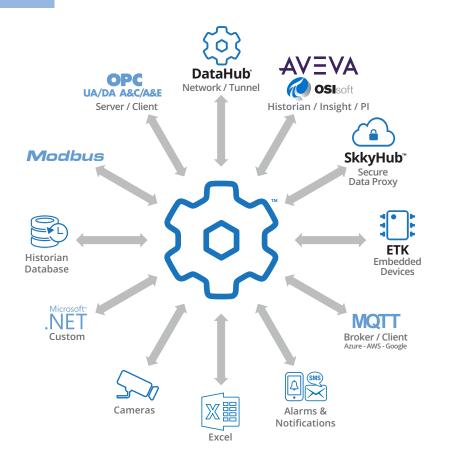


# DataHub® External Historian

Connect to AVEVA Historian, AVEVA Insight and OSIsoft PI

#### Collect data from anywhere

Bring data from virtually any SCADA system, PLC, remote device or custom program into a single unified data set, and log it to AVEVA Historian, AVEVA Insight, OSIsoft PI, or any combination thereof.



#### Log data from almost any source

Use AVEVA Historian/Insight or OSIsoft PI to collect data from any SCADA system, PLC, or device that offers an OPC UA or OPC Classic interface, as well as any SQL database, Modbus slave, Excel spreadsheet, or custom program.

#### Aggregate multiple data sources

Collect data using standard industrial protocols (OPC UA, OPC Classic, MQTT, MQTT Sparkplug B, Modbus, DDE,

TCP, ODBC, HTTP, XML, and more) into a single, unified data set. All of this aggregated data or any selected subset can be logged to AVEVA Historian, AVEVA Insight, OSIsoft IP, or any combination thereof.

#### Includes store and forwarding capabilities

If the network connection goes down, you don't lose any data. DataHub<sup>®</sup> middleware supports store-andforwarding to AVEVA Historia, AVEVA Insight and OSIsoft PI.

#### **Standard Features**

- AVEVA Historian/Insight support connect to AVEVA Historian locally, or Historian/Insight on a network with optional full store and forward capability
- OSIsoft PI support connect to OSIsoft PI with optional full store and forward capability

## Popular DataHub Licenses on AVEVA Digital Exchange

Add the External Historian feature to any of these licenses:

- DataHub® OPC Gateway™
- DataHub<sup>®</sup> DA Tunneller<sup>™</sup> for OPC
- DataHub<sup>®</sup> OPC Bridge<sup>™</sup>

🔯 General ^	External Historian Configuration				
UA OPC UA	Write data to Historians -		[		
DA OPC DA	On Src Label	Туре	Edit Historian Connection	- 0	×
A&E OPC AE	AV_Hist_70	5 AVEVA Hist	Historian Type: AVEVA Historian	v	
··-> Bridging			Connection Settings (7)		
Predundancy			Label	AV_Hist_705	
Database			Server host name	localhost	1
Web Server			Server TCP port	32568	
MQTT Client			User name	John Smith	
	Read from Historian		Password	•••••	
MQTT Broker	Read values from this conr	ection IDB1001	Accumulation time (ms)	5000	-11
MB Modbus	Forwarding Strategies		Maximum # of buffered values	1000	
🕒 Historian	Label History Label (		Storage Settings (5)		
Email/SMS		B1001	<u> </u>		
Camera			Transmission type	Streamed	×
Sys. Monitor			Storage type	Delta	۲
			Min store and forward duration (minutes)	15	_
DDE			Store and forward free disk space (MB)	4096	-11
式 QuickTrend			Store and forward path	{config}\WWStoreForward	
🔅 External Historian					
influxDB			Available Points	Selected Points	_
😚 Remote Config	View Data	View Connections	<ul> <li>DataPid</li> <li>DataPid</li> </ul>	Point Name DataPid:PID1.My	^
Motification Y	About			DataPid:PID1.Mv DataPid:PID1.Pv	
				Add Pattern Edit Pattern Remo	

#### System information

DataHub<sup>®</sup> middleware 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 2019 / 2016
- Windows Server 2012 & R2
- Windows Server 2008 & R2
- Windows Server 2003 & R2 (DataHub v8 only)
- Windows 10 / 8.1 / 7
- Windows XP SP2 (DataHub v8 only)

#### **Ordering Information**

**PRODUCT** AVEVA Historian/Insight

OSIsoft PI

**CODE** ADDAHI ADDPI

#### About Skkynet

Skkynet Cloud Systems, Inc. is a global leader in realtime data communication systems, providing the awardwinning SkkyHub<sup>™</sup> service, DataHub<sup>®</sup> middleware, and Embedded Toolkit (ETK) software, which enable secure, real-time data connectivity for industrial automation, Industrial IoT, and Industrie 4.0. For more information, see https://skkynet.com.

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#### DESCRIPTION

DataHub External Historian / AVEVA Historian and Insight DataHub External Historian / OSIsoft PI