



# 工業通訊整合平台

## Automatic Universal Gateway

AUG 是一款專為整合工業通訊協定所設計的軟體平台，您不必再安裝多種 Driver 轉換，輕鬆解決工業常見的系統、設備、PLC 之間的通訊困難，並幫助您將即時資料匯入資料庫中。

AUG 同時提供 Web API 供 IT 人員進行二次開發。協助您建立智慧工廠穩健的連線與數據蒐集基礎。

透過軟體平台 輕鬆整合全廠多種通訊協定

### AUG Support List (若有特殊需求規劃，請電洽我方業務人員或加入 Line 官方帳號詢問)

#### 標配 核心模組

Module	Server	Type	Version	Protocol
AUG Core	Microsoft	Dynamic Data Exchange (DDE) Server	Non	DDE Server
	OPC Foundation	Data Access (DA) Server	2.0 / 3.0	OPC DA Server
		Data Access (UA) Server	1.0	OPC UA Server

#### 對上通訊 Data Server 模組 - Software

	Module	Server	Type	Version	Protocol
1	DES	Database	Microsoft SQL Server / Oracle Database	Microsoft SQL Server 2012 / 2014 / 2016 : Express / Standard / Enterprise Oracle Database 11g / 12c / 18c	Database Exchange Server
2	HDC	AVEVA	InTouch Hist Data Converter	AVEVA InTouch 2014 R2 SP1 以上	HistDataConverter
3	PI		PI Data Archiver	AVEVA PI System 3.4.440.477	PI
4	MBS	Modbus Organization	Modbus Slave	Non	Modbus Slave
5	RTDS	Web	JSON data format and UTF8 encoding	Non	Real-time Data Server

#### 對下通訊 IO Adapter 模組 - Software

	Module	Client	Type	Version	Protocol
1	AHC	AVEVA	Historian Client	AVEVA Historian 2014 R2 SP1 / 2017 / 2023	Historian SDK
2	IT		InTouch (IDEA)	AVEVA InTouch 2014 R2 SP1 以上版本	IDEA
3	SLC		SuiteLink Client	AVEVA SuiteLink 2014 R2 SP1 / 2017 / 2020R2 / 2023	SuiteLink
4	PRiSM		Predictive Analytics Web API Client (PRiSM)	AVEVA Predictive Analytics 2020 (PRiSM)	PRiSM Web API
5	DBC	Database Client	Microsoft SQL Server	Microsoft SQL Server 2012 以上版本 : Express / Standard / Enterprise	ODBC
6	DDEC	Microsoft	Dynamic Data Exchange (DDE) Client	Non	DDE
7	WMI		Windows Management Instrumentation	Non	Windows
8	OPCDAC	OPC Foundation	Data Access (DA) Client	2.0 / 3.0	OPC DA / UA Client
			Data Access (UA) Client	1.0	
9	WEBC	Web Client	Simple Object Access Protocol (SOAP)	Non	Web SOAP
			Representational State Transfer (Restful)	Non	Web Restful

對下通訊 IO Adapter 模組 - PLC

	Module	PLC	Type	Protocol	Interface
1	AB	Allen-Bradley (AB)	CIP SLC500, CompactLogix, MicroLogix , ControlLogix	AB TCP	TCP
2	CP218IF	Yaskawa	CP218TX	Yaskawa PLC(Memobus)	TCP
3	FATEK	FATEK	FBs PLC	FATEK FBs Series	RS232 / 485
4	GESRTP	Emerson (GE)	90-30, 90-70, RX3i, Rx7i, VersaMax , VersaMax Micro, VersaMax Nano	GESRTP	TCP
5	GESNP		90-30, 90-70, RX3i, Rx7i, VersaMax , VersaMax Micro, VersaMax Nano	GESNP	RS-232 / 422
6	KEYENCE	Keyence	KV Nano, KV-700 / 1000 / 3000 / 5000 / 7000 / 8000	Keyence PLC	TCP
7	MB	Modbus Organization	Modbus TCP	Modbus Ethernet	TCP
			Modbus ASCII / RTU	Modbus Serial	RS-232 / 485 / 422
8	MTAQ MTFX	Mitsubishi	A Series, AnA / AnU Series, Q Series, QnA Series, iQ-R Series , iQ-F Series, FxN Series, FX3U Series, FX5U Series	Mitsubishi Ethernet	TCP / UDP
			A Series, AnA / AnU Series, Q Series, QnA Series, FxN Series, FX3U Series, FX5U Series	Mitsubishi Serial	RS-232 / 485 / 422
9	OMRON	OMRON	CS / CJ / CP / CV Series	Omron FINS Ethernet	TCP / UDP
			CS / CJ / CP / CV Series	Omron FINS Serial	RS-232 / 485
10	S7	Siemens	S7-200 / 300 / 400 / 1200 / 1500	SIEMENS S7	TCP

對下通訊 IO Adapter 模組 - Device

	Module	Device	Type	Protocol	Interface
1	GJSCALE	( 秤重顯示器 ) A&D Weighing	AD-4328	A&D Weighing Protocol	RS-232 / TCP
2	OMNI	( 流量計電腦 ) Omni	3000 / 6000 Flow Computers	Modbus (Special)	RS-232
3	Quad2000	( 空壓機 ) Cooper Turbocompressor	Quad 2000	Quad 2000 Protocol	RS-232
4	CV375	( 地震儀 ) TOKYO SOKUSHIN	CV-375 Network Sensor	TOKYO SOKUSHIN CV375	TCP

▲ AUG 系統相容性

<b>作業系統</b> ◆ Windows 10 / 11 Pro ◆ Windows Server 2012 R2 / 2016 / 2019 / 2022 : Standard / Data Center	<b>資料庫</b> ◆ Microsoft SQL Server 2012 以上版本 : Express / Standard / Enterprise
<b>支援瀏覽器</b> ◆ Microsoft Edge ◆ Google Chrome ◆ Mozilla Firefox ◆ Safari	<b>硬體需求 ( 最低 )</b> ◆ Processor : 2.4 GHz or faster processor ◆ RAM : 8 GB or above ◆ Free space on hard drive : 500 GB ◆ Network : 1 Gigabit Ethernet ◆ Display 1920 * 1080 or higher

※ 內容隨時可能有異動 · 科勝科技保留一切變更修改權力 · 且不另行通知 · 2023.07

