Classification	UA I/O Chine	se FAQ-Dev	/-001				Γ
Author	Chris Yen	Version	1.0.0	Date	2023, 2	Page	1/4
如何將 UA-I/O 系	《列產品採集的	り數據透過	OPC UA 由 A	AVEVA Edg	e 圖形化呈現	₹?	
泓格科技的 UA-]	[/() 系列產品撛	是供了 OPC	UA Server 朋	G務・讓 A	VEVA Edge f	能輕鬆將數據	\$圖形化。
此篇將說明:							
AVEVA Edge 如1	可快速讀取 UA	A-I/O 系列層	E品中 OPC し	UA Server	數據		
1. 如何快速獲取	又UA-I/O 系列	產品中 OP(C UA Server	連接資訊?	,		
先進入至 UA-I/C	系列系統內的	的網頁下載	CSV 檔 (如	下圖)			
[Module Setting]	[Overview]	→ [Downloa ing MOTT Settin	d the file from	n device] =	► [Common S	ettings] → [[)ownload]
Overview	Function Overview			3			
I/O Setting	OPC	UA Server 💽 Ena	ble				
Scaling	M	IQTT Client DEna	ible				
I/O Status Project File	RESTful	API Server DEna	ble				
	IoT	star Setting	ble				
		Event Log	ible				
	Download the file f	rom device					
	Comm	on Settings Downlo	ad				
」 可杏毛 CSV 桤水	山山山三副	奈品的浦绾					
	」 UA-I/U ボグリ	生山山江王称	学教				
2. AVEVA Edge	如何設定 OPC	C UA Server	?				
進入到 AVEVA B	Edge 介面選擇	[Comm] 🚽	• OPC UA 下	方的[Con	nections]按右	鍵 → [Insert] (如下圖)
╚┢╴╔┎╴▶■@) -	Draw Tools					
File Home View	Insert Project	Draw Help					
	lection • 📰 🖂	A Text					
Attributes Script	place 7 Arrange SI	hapes Button					
Proiect Explorer	Editing	Active Obj					
✓ In Project: Project.APP							
 OPC DA Client (legacy) OPC UA 							
Connections Redundancy In	sert						
>							
📌 Global 🖪 Graphics 🔋 Task	s & Comm						

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設定 Server Config 以下提供範例供 輸入 1. Connection Nat 2. End point (格元 3. 按下[Test Con 4. 按下[OK]	guration 参考 (如下圖) me 式為 opc.tcp://[O] nection]確認連約	PC UA Ser 線是否成I	ver IP]:[C カ)PC UA S	Server	port])		
Project Explore Project Explore Driv OPC OPC Connection Settings R OPC TCP F Global G Watch Tag/Expre	er ▼ ↓ nfiguration on Name: U-7519ZM End point: opc.tcp://192.1 Ser Name: Password: Time out: 1000 ms Test Connection 古鍵[Insert]	Scre 68.85.15:48010	en1 ×	Connection to the serve	n establis er U-751	× shed successfully 9ZM. 確定		
Project Explorer Project: Project.APP Drivers OPC DA Client (lega Conf Insert U-7519ZM Redundancy Gro MOPC XML/DA TCP/IP Global Graphics T Watch		Screen1 ×	- # ×	Output				

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輸入

- 1. Description
- 2. Connection (選擇您需要的連線項目)

🗅 🏷 🛛 🗋 T 🕨 🗖 🕐 🔻		AVEVA Edge - UACL001.UA	4	- 8 ×
File Home View Insert	Project Help Run Stop Debug - gement 12 Project Help Connect Download Run Stop Remote Ma	Runtime Watch LogWin Tasks	Verify Archive Tools	Style * ab (1) ac (2) c bala blace (2) Tags
✓ IProject: Project.APP Invers OPC DA Client (legacy) ✓ OPC UA ✓ Connections Orc U-7519ZM	Description: UA-IO Connection: U-7519ZM	N	- Advanced	▲
Redundancy Group GPC XML/DA TCP/IP	Tag Name Filter text	Browse Path Sca Filter text (G) (All) Always Always Always Always Always	an Div V Filter text V V V V V	Add Filter text
🕅 Glo 👍 Gra 🔋 Tasks 🐰 Co	<	Aiways	*	>

3.將剛從 UA-I/O 系列網頁下載的 csv 檔打開,將 I/O Channel 與 OPC UA Identifier 欄位分別貼至 AVEVA Edge 欄位的 Tag Name 與 Node Id (如下圖),並選擇每個新增 Tag 的 type 後,按下存檔

	А	В	С	O Find/Replace	Tasks 🔌 De	bug 🔹	Stop Tasks		He Reg	pla
4				Clipboard	Local Managem	ient 🛱	Remote Management	G	Tools 🖙	
5	OPC UA Server Port	48010		Project Explore	r ▼ ⊕ × opc	UACL001.UA ×				
6				Project: Project.A	PP 1	Description:				
7	I/O Channel	Nickname	OPC UA Identifier	O Drivers	(legacy)	UA-IO				
8	DO0	DO0	ns=2;s=U-7519ZM.DO0	V 🔄 OPC UA	(Connection:		-	Advanced	
9	DO0_PowerOnValue		ns=2;s=U-7519ZM.DO0_PowerOnValue	OPC U-75192	ZM					
10	DO1	DO1	ns=2;s=U-7519ZM.DO1		y Group	Tag Nama	Browne Both Scop		Nodold	_
11	DO1_PowerOnValue		ns=2;s=U-7519ZM.DO1_PowerOnValue	> OPC XML/DA		Gilter text	Glowse Fail Scall	Silter te	Filter C Pitter text	
12	DO2	DO2	ns=2;s=U-7519ZM.DO2	TCP/IP	1	DO0	Alwaye ¥		ns=2;s=U-7519ZM.	٦
13	DO2_PowerOnValue		ns=2;s=U-7519ZM.DO2_PowerOnValue	_		DO0 BowerOn	niwaya		D00	_
14	EnablePowerOnValue		ns=2;s=U-7519ZM.EnablePowerOnValue		2	Value	Always		DO0_PowerOnValue	e
15	AIO	AI0	ns=2;s=U-7519ZM.AI0	_	3	D01	4 human 🗸		ns=2;s=U-7519ZM.	
16	AI0_CJCOffset	AI0	ns=2;s=U-7519ZM.AI0_CJCOffset			004.0	Aiways		D01	_
17	AI1	AI1	ns=2;s=U-7519ZM.AI1	<i>f</i> ℜ Glo 🖪 Gra 🗎 Tas	ks 88 Co 4	DO1_PowerOn			ns=2;s=0-75192M.	/
執	行 AVEVA Ed	dge 專案	後,即可顯示目前數值	1						

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Project Explore	er 🔻 🕈 ど	UACL001.	UA ×						
V 🔄 Project: Project.	APP	Description:							
🗸 듴 Project Tags		UA-IO							
Ø Datasheet	View	Connection:							
> 📕 Tag List (4	8)	U-75197M						Advanced	
					<i>a.</i> .				
Shared datab	ase	Vitatiio:			Vitatiio	Marcana.		1	_
> System Tags		Tag N	ame Brows	e Path Sca	n	Div	Add	Node Id	_
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Le Event Logger	T			Always				DO0	
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¶ Glo ☑ Gra	value	Quality GOOD	Continuous					v 1	7 ×
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Glo Gra Tag/Expression DO0 DO0 PowerOnValue DO1 PowerOnValue DO2 PowerOnValue EnablePowerOnValue Al0 Al0 CJCOffset Al1 DO2 #	Value 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3276.69999999	Quality GOOD GOOD GOOD GOOD GOOD GOOD GOOD GOO	Continuous Y Y Y Y Y Y Y Y					•	₽ ×