

ADANTECH

Wonderware® WebAccess UA Expert® Ignition
Pro-face™ thingworx® kepsware® kepserverex® Azure aws WinCC®
InduSoft VTScada®

ADAM-6300 SERIES

OPC UA I/O Modules for IoT Digitalization

Buy Now



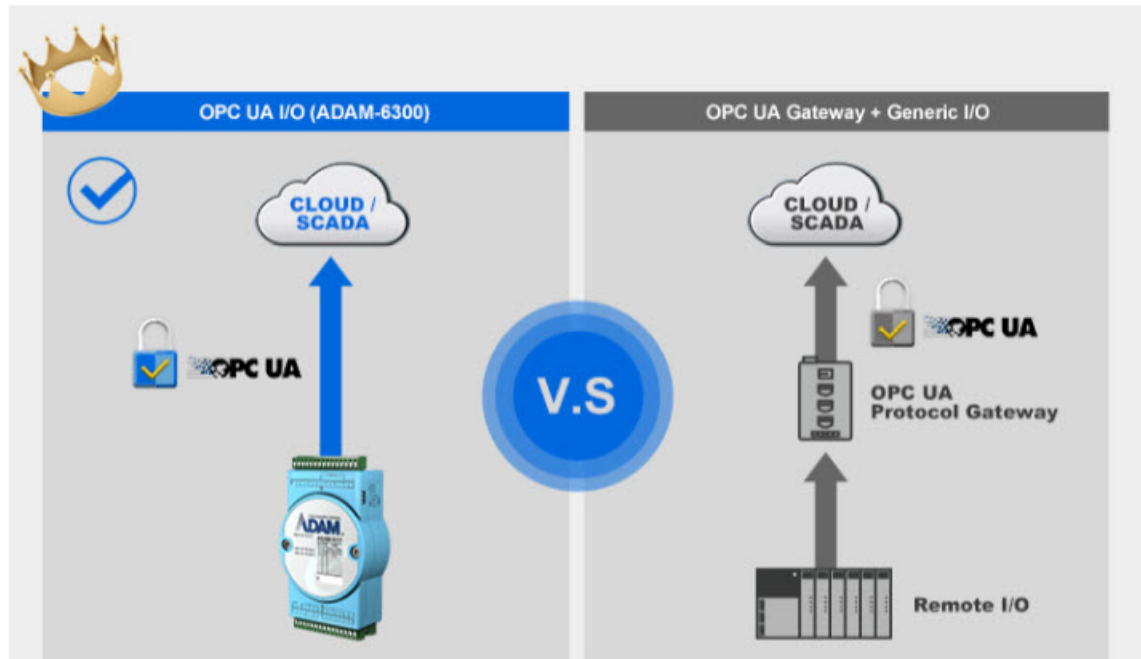
OPC UA Empowers Modbus I/O Users to Industrial IoT World

OPC UA I/O ready for both OT & IT users

<p>OT</p> <ul style="list-style-type: none"> ✓ Modbus ready ✓ Daisy-chain connectivity ✓ Auto bypass ✓ High density I/O 		<p>IT</p> <ul style="list-style-type: none"> ✓ OPC UA ready ✓ OPC UA software security <ul style="list-style-type: none"> • Certificate (based on X.509) • Username / password • Encryption & sign in ✓ Built-in hardware security IC
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Interoperable & Secure OT / IT Convergent Solution

OPC UA I/O links to SCADA and clouds without need for protocol gateways



Architecture Comparison

	ADAM-6300 Series	Competitors
Architecture	✓ OPC UA I/O	OPC UA protocol gateway + generic I/O
Connect to Cloud	✓ Yes	Yes
Connect to SCADA	✓ Yes	Yes
Gateway	✓ No need	Yes
Operating System (OS)	✓ No need	Yes

Benefit Comparison

	ADAM-6300 Series	Competitors
Architecture	✓ OPC UA I/O	OPC UA protocol gateway + generic I/O
Security	✓ High <ul style="list-style-type: none"> • OPC UA security • Built-in security IC • Secured from I/O to Cloud/SCADA • No OS, preventing malware 	Low <ul style="list-style-type: none"> • Less protection from I/O to gateway • Potential risk for OS malware
Cost	✓ Low No gateway and switch needed	High Requires gateway and switch
Effort	✓ Low Less setup effort	High Needs to pair with gateway and I/O modules

Interoperable & Secure OT / IT Convergent Solution

Cloud and SCADA ready



Double Security Prevents Being Hacked

- OPC UA provides security for certificate sign in and encryption
- Additional security IC for hardware-level protection



Most Cost-Effective I/O

High I/O density and daisy-chaining solution to save cost

- Daisy-Chain Connectivity**
No need for extra switches
- Uniquely-Designed MCU for OPC UA**
No need for extra gateways
- High I/O Density**

Supported I/O types: Current, Voltage, Meter, Vibration, Temp, Humidity, Alarm