



REAL TIME AUTOMATION GATEWAY

460ECUS-NNA1

# ETHERNET/IP TO OPC UA

## KEY FEATURES

- ▶ Fully configurable EtherNet/IP scanner
- ▶ Map data from up to 32 EtherNet/IP Adapters
- ▶ Fully configurable OPC UA Server
- ▶ Up to 10 read and write groups with up to 200 nodes per group
- ▶ Effortless browser-based configuration, no programming software is required
- ▶ Simple data translation allows you to manipulate data as it passes between protocols
- ▶ 5-year hardware warranty

## Connect EtherNet/IP Adapter Devices Directly to OPC UA

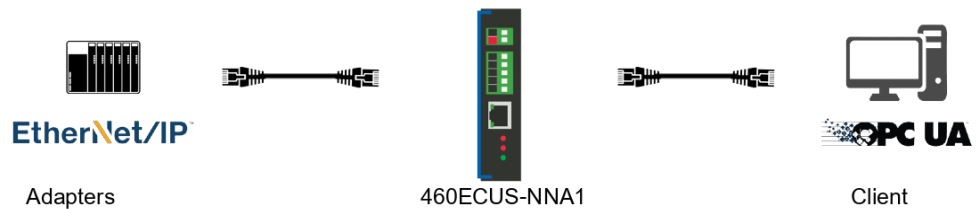
The 460ECUS moves data between EtherNet/IP adapters to OPC UA

Move data from your EtherNet/IP adapter devices to an OPC UA client.

## How Do I Use the 460ECUS In My Application?

Bytes of data in your Ethernet/IP adapters are mapped to OPC nodes. The data moves bidirectionally.

It really is that simple.



## Why Use RTA As Your Gateway Supplier?

We are dedicated to being your trusted partner. When you call, a live person answers the phone. When you talk with sales, you will get honest answers and recommendations. When you get support it comes from technical experts who know the product inside and out.

- ALWAYS IN STOCK
- READY TO SHIP
- BREWED IN WISCONSIN
- EXPERT SUPPORT
- 5-YEAR WARRANTY
- PROTOCOL PARTNER

### ETHERNET/IP SCANNER FEATURES

Operation Mode	Class 1 I/O Scanner
Message Support	Implicit Class 1 Cyclic I/O, Explicit not supported
Data Types	BIT8,16 & 32; INT8, 16, 32 & 64; UINT8,16, 32 & 64; Float & Double
Maximum EtherNet/IP Adapter Devices	32
Max Data Per Adapter Connection	Up to 496 bytes in each direction
Maximum IO Scan Rate	50 msec

### OPCUA SERVER FEATURES

Operation Mode	OPC UA Server
Simultaneous Connections Supported	3
Max number of Input Nodes per Node Type	200
Max number of Output Nodes per Node Type	200
Array Support	Boolean,64 Bit Integer, 64 Bit Unsigned Int and 64 bit Float
Profiles Supported	UA 1.03 Micro Embedded Server and Data Access

### INCLUDED WITH GATEWAY

3' power cable with flying leads	5-year hardware warranty
IPSetup software – automatically locates RTA gateway on the network	Unlimited firmware feature upgrades for life
CAT5 crossover cable for direct connection to PC during programming	Complete, unlimited access to our industry leading support staff

### ELECTRICAL/ENVIRONMENTAL

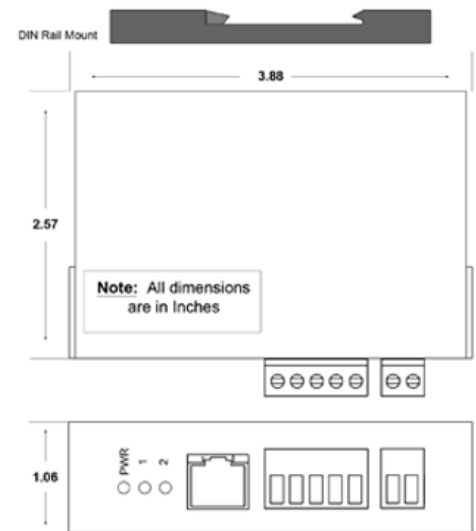
DC Input Voltage	12-24 VDC
Maximum Baud Rate	115K baud
Operating Temperature	-40 C to 85 C
Certification	RoHS-Compliant, UL, CUL, CE Approvals

### ENCLOSURE/HARDWARE

Size	3.88" x 2.57" x 1.06"
Weight	5.5 oz
Enclosure Type	Anodized Aluminum
Mounting	Din rail or panel mount
LEDs	Power LED & 2 general purpose LEDs on side

### GATEWAY FEATURES & FUNCTIONS

Gateway Security	You can configure up to 9 different users access to diagnostic and configuration screens.
Status and Counters	Protocol specific status, counters, and error messages are accessible within the gateway's diagnostics page. They can also be delivered to a connected device.
Diagnostic Logging Page	Allows users to see and log start up sequences, protocol specific messages & error messages.



**NOT EXACTLY WHAT YOU WERE LOOKING FOR?**  
 RTA offers a full line of gateway products. Give us a call at 1-800-249-1612 or visit [www.rtautomation.com](http://www.rtautomation.com). We also offer customizations for unique applications.

CATALOG #	DESCRIPTION
460ECUS-NNA1	EtherNet/IP to OPC UA

