

Siemens S7 PLCs to OPC UA

FEATURES

- Supports connections to five Siemens S7 PLCs
- Up to 150 read and 150 write requests per connection
- 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 a Siemens PLC to OPC UA

The 460SCUS moves data between up to five Siemens S7 PLCs and up to three OPC client devices.

Best of all, the product comes with 5-year warranty.

How Do I Use the 460SCUS-NNA1 in My Application?

Data table addresses in your S7 PLC are mapped to OPC nodes. The data moves bidirectionally.

It's really that simple to convert data to the information systems you need to monitor your application.

Why Use Real Time Automation as a Gateway Supplier?

While there are certainly other companies offering protocol gateways, there is no one who provides the level of support and service that you receive from RTA.

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 is from an engineer who had a hand in the product's development, and support doesn't require a ticket or 24-hour wait.



Server



460SCUS-NNA1

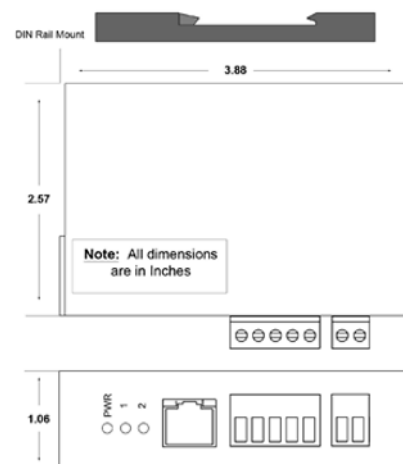


Client

A Solution, A Philosophy, the RTA Way. We understand the long hours spent on a factory floor and the pressure to keep a line running and product flowing. That's how Real Time Automation came to be. You want easy-to-use solutions where the hardest part is to open the box. You need customer support second to none. If you get all that and a fun customer experience all the better. Thirty years later, our mission remains the same: **To move your data where you need it, when you need it, and how you need it.**

Siemens S7 CLIENT FEATURES	
PLC Support	S7 300/400/1200/1500
Maximum Number of PLCs Supported	5
Maximum Number of Inputs/Outputs per PLC	150
Maximum Number of Bytes per Scan Line	400
Memory Area Access	Input (I), Output (Q), and Data Block(DB)
Supported Data Types	8 Bit Int, 16 Bit Int, 32 Bit Int, 32 Bit Float, Bool and Char Array
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
Manual	

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	
Alarming	Set <, <=, >, >=, ==, !=, and change-of-state rules on any data moving through the gateway. If alarm rule is triggered an email notification can be sent.
Gateway Security	You can configure up to 9 different users access to diagnostic and configuration screens.
Translation Table	Allows for data manipulation during protocol translation. Scaling and other data format changes can occur in the gateway.
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?
 Real Time Automation offers a full line of gateway products. Give us a call at 1-800-249-1612. Or, check out a listing at www.rtautomation.com/products. We also offer customizations for unique applications.

CATALOG #	DESCRIPTION
460SCUS-NNA1	Connect up to five S7 PLCs to OPC UA

