REAL TIME AUTOMATION, INC.
N26W23315 Paul Road, Pewaukee, WI 53072
800.249.1612 | solutions@rtautomation.com

REAL TIME AUTOMATION GATEWAY 460SCAZR-NNA1

SIEMENS PLC TO MICROSOFT AZURE

KEY FEATURES

- Supports connections to five Siemens S7 PLCs
- Up to 150 read and 150 write requests per connection
- Supports JSON formatted MQTT payload
- Allows factory floor based devices to move its data to IT
- 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

Bridge Siemens Controllers to Microsoft Azure

The 460SCAZR moves data between a Siemens controller and the Microsoft Azure platform. Allowing you to easily log data and leverage in populating dashboards.

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

How Do I Use the 460SCAZR In My Application?

You can map inputs and outputs as a block on memory in the data table of the Siemens PLC to or from Microsoft Azure.

SSL transport layer security protects the data moving from your operations network to the cloud.

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

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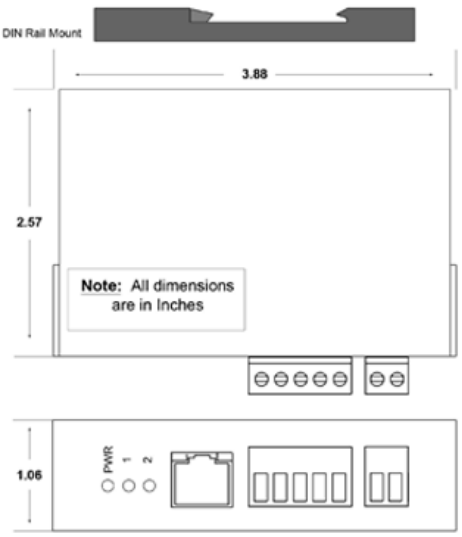
S7 CLIENT FEATURES	
PLC Support	S7 300/400/1200/1500
Maximum Number of PLCs Supported	5
Maximum Number of Inputs/Outputs per PLC	150
Maximum Number of Bytes per Scan Line	400
Memory Area Access	Input (I), Output (Q), and Data Block(DB)
Supported Data Types	8 Bit Int, 16 Bit Int, 32 Bit Int, 32 Bit Float, Bool and Char Array
MQTT CLIENT FEATURES	
Operation Mode	Microsoft Azure
Max Broker Connections	1 Azure
Max Data Points Per Connection	250 Read Topics, 1 Write Topic
Security	SSL cloud access
Supported Data Formats	JSON
Data Payload	Topic Name and Value

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. We also offer customizations for unique applications.

CATALOG #	DESCRIPTION
460SCAZR-NNA1	Siemens PLC to Microsoft Azure