

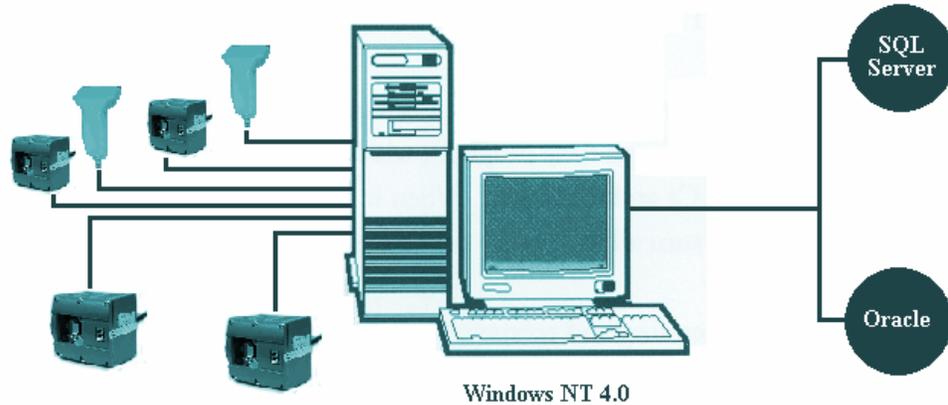


# Siemens Serial CI

Advanced Engineering, Inc.

Industrial Computer & Information Systems  
 513 Autumn Springs Ct. Franklin, TN. 37067  
 (615)771-6500      www.adveng.com

## A PLC with up to 256 serial ports!



Communicate with serial devices such as barcode and serial scanners and insert the data into any ODBC database, all from within the Soft PLC! No Code to write outside of the Soft PLC.

### OVERVIEW

Custom Interface Instructions (CIs) for the Siemens WinAC Soft PLC allow the addition of new instructions to the PLC's standard instruction set. These instructions are used the same way as the built-in instructions, such as Add (ADD\_I) or Jump (JMP). This extensibility of the instruction set allows easy customization of the Soft PLC to suit any needs.

The Advanced Engineering CI for Siemens WinAC PLC allows PLC programmers to read and write data to up to 256 available serial ports. Configuration settings such as baud rate, data bits, parity, and termination characters are specified for each serial port. Once the serial port is opened, reads and writes to that port may be performed. This is all done without code outside of the PLC.

A custom data block supplied with the instruction contains the parameters used to make the connection to the serial port, configure handshake settings and string termination characters. It is also used to return error messages to the programmer.

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## SERIAL CI FEATURES

- ✂ Configuration settings such as the baud rate, parity, data bits and stop bits are specified for each serial port that will be accessed.
- ✂ Once installed, include the instruction in your PLC program just as you would any built-in instructions.
- ✂ All instructions are executed parallel to program scan.
- ✂ Termination characters and append characters are port specific and they are defined when the port settings are specified.
- ✂ Up to 254 characters can be read or written during a single instruction.

## SERIAL CI HARDWARE AND SOFTWARE REQUIREMENTS

### SOFTWARE

- ✂ Windows NT 4.0, SP3 or later
- ✂ Siemens Step 7 Version 5.0, SP2 or later
- ✂ WinAC version 2.0 or later

### HARDWARE

- ✂ All WinAC hardware requirements
- ✂ 10 Meg free hard disk space

### PRICING

Part #: AE-SERI-SCII-1014

\$500.00 US

If you need additional information, please email [sales@adveng.com](mailto:sales@adveng.com)  
Resellers are welcome!

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