



# Siemens SQL CI

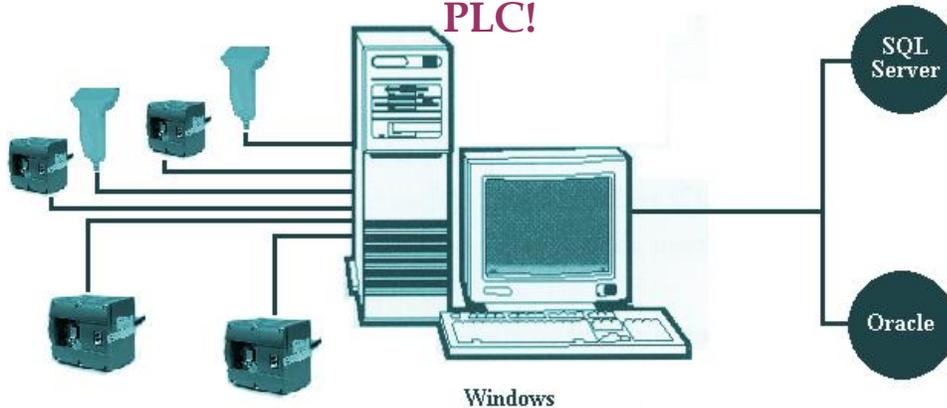
Advanced Engineering, Inc.

Industrial Computer & Information Systems

513 Autumn Springs Ct. Franklin, TN. 37067

Phone (615)771-6500 www.adveng.com

Get the fastest access to the database directly from the PLC!



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 query any ODBC-compliant database. Configuration settings such as the Data Source Name, user name and password are specified for each Data Source that will be accessed. This is all done without code outside of the PLC.

A custom data block supplied with the instruction contains the SQL query to be executed, information used to connect to the database, variables used in the query and returned by the query, and error codes returned by the query.

## SQL CI FEATURES

- ❑ Read and write data to any ODBC-compliant database.
- ❑ Bring the database power down to the plant floor PLC.

(OVER)



# Siemens SQL CI

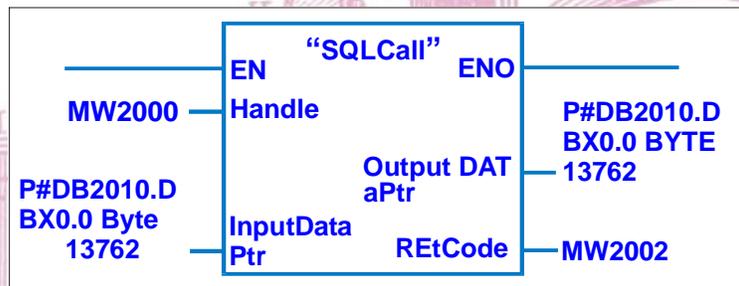
Advanced Engineering, Inc.

Industrial Computer & Information Systems

513 Autumn Springs Ct. Franklin, TN. 37067

Phone (615)771-6500 www.adveng.com

- ❑ Read recipes, settings. Make complex changeovers on fly. Save production data, test results; keep track of the product flow.
- ❑ No code to write outside of the PLC.
- ❑ Multiple Data Sources may be accessed within one PLC program.
- ❑ Configuration settings such as the Data Source Name, user name and password are specified for each Data Source 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.



## SQL 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-SQL-SCII-1013-2, Version 2.1

Call for Price

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

Resellers are welcome!

**SIEMENS**

WinAC is a registered trademark of Siemens AG  
Copyright Advanced Engineering, Inc. 2000

