

## WinAC SQL Driver

The expansion **WinAC SQL Driver** offers direct access to a SQL database from STEP7 code.

### Functionality

Four function blocks are necessary to use the driver. These function blocks allow the user to establish and close a database connection and to transmit SQL statements. The block "SQL\_EXEC" may be called as often as required to carry out SELECT-, UPDATE-, INSERT- or DELETE statements. This is afforded by the Structured Query Language (SQL). All prevalent standard data types are supported (S7: DINT, INT, Word, DWord, String... / SQL: int, float, real, string...). It is possible to connect to the database by local host or by TCP/IP.

### Example of use

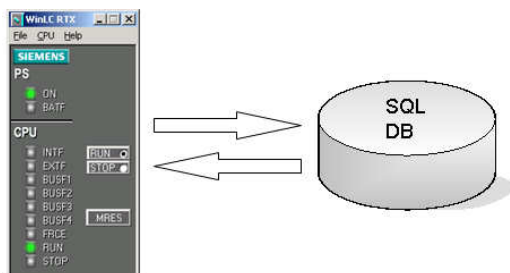
Basically the driver is usable for all database related application. Examples for special applications are inventory management and recipe management system.

### Scope of supply

In addition to the WinAC expansion and comprehensive documentation, the scope of supply also includes a Step7 demo program which demonstrates how to use the **WinAC SQL Driver**. The Step7 demo program contains the required FBs/DBs, which can be easily used in user applications.

### Reference system

Microbox PC 427C  
Windows XP embedded SP3  
WinAC RTX-F 2009  
STEP7 V5.4 SP5



PC-based  
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Utilization of SQL-database from WinAC

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### Order Number

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