



# Maestro

## WinMac

### MACRO PROGRAMMING TOOLKIT

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## MAESTRO STANDARD FEATURE

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### DESCRIPTION

Cansec's new Maestro access control management software for Windows 95/NT supports a comprehensive macro programming language called **WinMac**. This facility further enhances the standard facilities which Maestro provides to initiate device commands in response to alarm conditions.

**WinMac** provides an extensive toolkit which will allow complex device control commands to be triggered by one or multiple alarm conditions. Accomplishing these complex functions in the past required the use of external relay logic, additional Input/Output Points or custom software. Virtually all these functions can now be addressed through the use of simple yet powerful macro commands which can be easily developed by the Dealer or User.

**WinMac** supports the following major features:

**FULL DEVICE COMMAND SUPPORT** - Virtually any device (Reader, Input or Output) command which can be initiated by the operator can be generated by a "trigger" event. This includes the following:

- Unlocking Readers
- Changing Reader operating modes
- Shunting Input Points
- Turning on/off Output Points

**DEVICE STATE TESTING** - The state of any device can be tested within a macro and results of the test used to control the logic flow. For example:

<u>DEVICE</u>	<u>STATES WHICH CAN BE TESTED</u>
Readers	Locked, Unlocked, Forced Entry, Door-Held-Open, Offline
Input Points	Alarm, Secure, Trouble, Shunted, Offline
Output Points	On, Off, Offline

**FLOW CONTROL** - Extensive flow control functions are supported as follows:

- REPEAT nnn Repeat a statement or block of statements nnn times
- WHILE Repeat a statement or block of statements while a specified condition exists
- IF Execute a statement or block of statements if a specified condition exists
- IF THEN ELSE Execute a statement or block of statements if a specified condition exists otherwise execute another statement or block of statements

**NESTING** - Control structures can be nested allowing even the most complex control requirements to be easily accommodated.

A detailed **WinMac** specification is available on request.