



The Maestro Security Management System

Introduction

TAC's Maestro Security Management Software package for Windows® breaks the boundaries of traditional access control software with its revolutionary set of features and built-in development tools. Maestro is designed for facilities that require flexibility, expandability, and a powerful feature/option set comparable with systems available with a much higher price tag.



Utilizing TAC's powerful TA-2490 Two Door Controller, the Maestro system provides a completely integrated system capable of managing 512 card or biometric readers, 65,000 cardholders, and 4,096 auxiliary alarm inputs and relay outputs.

Maestro's architecture allows you to start off small and grow your system as much as needed without losing your original investment. Software is available with 8, 16, 32, 64, 128, 256, and 512 card reader capacity. You can easily upgrade at any time to add reader capacity or other software options, most of the time without re-installing any software.

Performance and Reliability

Maestro has been field proven with hundreds of systems installed worldwide. Some of our major clients include:

- Canadian Imperial Bank of Commerce
- Toronto Hospital for Sick Children
- Sunnybrook Hospital
- John Deere
- Coca Cola
- Johnson & Johnson
- CP Rail
- Gillette
- Sun Micro
- Ford Canada
- Nav Canada
- Beatrix Airport - Aruba
- Niagra Regional Police
- British Embassy – Peru
- American Express
- Daimler Chrysler
- Sheridan College
- America University of Sharjah, Sharjah UAE
- Honeywell





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Standard Features

- **Windows® Point & Click Interface:**
All devices can be activated with a simple click of the mouse.
- **Real Time Event Processing:**
No need to manually upload or download.
- **Auxiliary Input and Relay Output Control:**
Monitor and control other devices.
- **16 to 64 Floor Elevator Control:**
Individual floor access can be programmed.
- **Reader Lockout:**
Quickly disables readers in the event of an emergency without reprogramming.
- **Unlock Privilege:**
Managers can “double-swipe” their access card to keep door unlocked.
- **Auto Void/Validate:**
Program cards to be automatically activated or voided at a future date.
- **Report Templates:**
Can be created to avoid repetitive data entry of the same report.
- **Cardholder Templates:**
Can be created to avoid repetitive data entry of common cardholder data.
- **Macro Programming Language:**
Can be used to activate complex sequence of commands in one click.
- **TCP/IP Panel Connections:**
Program IP Address of remote TA-2490 controllers. Used in conjunction with CanLan TCP/IP controllers.





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Powerful Options

- **Multiple Operator Workstations:**
Maestro workstations can be connected across a Windows®TCP/IP network.
- **Dynamic Graphic Maps:**
Import DXF files or draw your own maps with built-in map editor. Maps display real time alarm status and support multiple zoom levels. Point & Click device icons.
- **Integrated CCTV Switcher Control:**
Control Panasonic or AD matrix switchers. Support for PTZ camera control.
- **Alarm Paging:**
Alarm messages can be transmitted to alphanumeric pager when PC is not manned.



- **Remote Site Controller Dial-Up:**
Can be used to manage remote systems without the need for a local PC at the site.
- **Remote System Management:**
Can be used to manage multiple Maestro systems, each with their own server, controllers, and database.
- **Remote System Alarm Monitoring:**
Individual Maestro systems can transmit alarm messages to one central location.
- **Integrated Photo ID Badging:**
Add cardholders to the database, assign access levels, capture image, and print a photo ID card in one process and without duplicate data entry.
- **Dynamic Photo ID Pop Up:**
Monitors reader activity and displays cardholder record with photo on Maestro screen for visual verification.



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Maestro 3rd Party Integration Tools

SAGE allows the functionality of Maestro to be expanded through the use of an extensive Application Programming Interface (API). Using the SAGE facility, software can be developed by the end-user or security dealer that interacts with the Maestro system and provides full access to Real Time Transactions, Reader & Point Commands, Database Records, and stored Historical Data.

Using the SAGE facility, software can be developed to address the "special" requirements which are encountered without the traditional problems associated with "custom" software. The SAGE specification is freely published by Cansec to allow the "extended" code to be developed by anyone with suitable programming skills.

Typical Maestro Configuration

