

M-EVO

MICROTRAK EVOLUTION

IP ACCESS CONTROL

Microtrak Evolution is a modular based access control system designed to meet the needs of small, medium and large organisations. It has the versatility and power to accommodate the requirements demanded of it, be it the number of locations to be controlled, the number of users or both. No matter what size of organisation, Microtrak Evolution puts the power of control in the hands of the user with clear, simple to use screens that provide an intuitive understanding of the application.

The system is designed around an IP addressable Door Controller which plugs directly into a client's existing TCP/IP computer network. The Evolution software communicates with the controller via a LAN or WAN. This method of door connectivity provides a modular and competitively priced solution not only for small sites but large multi-site systems.

EVOLUTION SOFTWARE

- .NET architecture
- Web services
- Modular design
- TCP/IP over LAN WAN and internet
- MSDE/SQL database
- Badge production
- Badge design and print
- Image capture and authentication

MODULES

- Visitor management registration with image capture and tracking throughout premises
- SALTO integration
- i-Evo integration
- Database integration

INTEGRATION

- Software and hardware interfaces
- Connect/Monitor CCTV, fire, intruder systems
- Definable response to alarms database integration
- Connect to personnel/ payroll databases
- Real-time update of data access list population



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Technical Specification

Door Controller

TEMPERATURE RANGE:

0 - 40C

OPERATING POWER REQUIREMENT:

12V DC, 8 Watts max excluding locks

MAXIMUM CARDS:

Greater than 64,000

CARD TYPES:

Magnetic stripe, Proximity, Wiegand, Smartcard, Barcode

READERS / DOORS:

2 x 5V/12V readers, 2 x doors

INPUTS:

8 x optically isolated @ < 20mA
PIN Pad matrix

OUTPUTS:

8 x semiconductor 30V 500mA, 2 x volt-free relay
2A @ 30V, 14 x I/O indicators

Software

COMMUNICATIONS:

10/100 base Ethernet TCP/IP

SYSTEM REQUIREMENTS:

The application is designed for either stand-alone operation or Client / Server architecture

MICROTRAK EVOLUTION STAND-ALONE:

Windows XP Pro, Windows Vista, Windows 7 Pro, Windows Server 2008 R2, Windows Server 2012, SQL 2005, 2008, 2012

MICROTRAK EVOLUTION CLIENT:

Windows XP Pro, Windows Vista, Windows 7 Pro, Windows Server 2008 R2, Windows Server 2012, SQL 2005, 2008, 2012

MINIMUM COMPUTER REQUIREMENTS:

Pentium 2GHz, 4GB RAM, 500GB Hard Drive, SVGA display (1024 x 768 minimum)

