

### Application

Millenium Expert is a feature rich access control system designed to fit a wide range of applications and sites. Its architecture is suited for organizations that wish to maintain a solid access control network using different communication modes. In addition, Millenium Expert allows operators to manage their access control system from a standard PC workstation anywhere on their communication network. Its architecture is specially suited for organizations that wish to maintain operations in multiple locations utilizing a common SQL Server database.



### Features

- Reliable network with distributed intelligence: Doors function normally even if communication is off-line
- Modular expansion; one door or one site at a time
- Economical upgrade from other access control systems
- Adapts to facilities of any size
- Interfaces to most types of readers and cards in the industry
- Interconnects with most communication networks (TCP/IP, twisted pair, leased line, fiber optic, dial up and wireless technologies)
- ODBC compliant database with easy data export and import
- Increased security with a proprietary communication protocol
- Single card swipe lockdown feature

### System Capacities

- Number of Sites: 1,000
- Access Points per System: 100,000
- Readers per Access Point: 1
- Elevator Control: 96,000 floors, 10,000 elevator cars
- Workstations Supported: 32
- Relays Supported: 200,000 (on/off) plus 80,000 optional
- Cardholders: Unlimited
- Time Zones: Global 200 (available to all tenant groups), or 200 per tenant group, 4 intervals per zone, 20 holidays and 8 vacation
- Alarms per Access Point: 7 including door contact and tamper



### PC Minimum Requirements

#### Hardware:

- Intel Core 2+ GHz
- HD: 200GB/100GB (Server/Workstation)
- Serial Port DB9 or USB 2.0+ or NIC (half or duplex)
- RAM: 4GB\*/2 GB (Server/Workstation)  
\* = 8GB if SQL Server also resides with Millenium
- CD/R-W
- Screen Resolution: 1024x768

#### Software:

- Server OS: Windows 7 XP/Windows Server 2008 (SQL Server 2008) with latest service packs
- Workstations: XP/Windows 7 (latest Service Packs)
- Network Protocol: TCP/ IP for workstation and Lantronix capabilities

#### Optional Software Modules:

- Millenium Badging

## System Management

### User Management:

- Complete user profile
- Customizable fields
- Complete activity reports
- Card auto-expiry
- Lost/stolen card tracking

### System Operators:

- Master Levels: 2
- Custom Levels: Unlimited
- All software features can be selectively assigned to operators

### Access Point Management:

- Complete user access control with flexible time schedules
- Full current status (alarm and relay conditions)
- Remote unlock
- Temporary relay override (Lockdown or Release)

### Generate Reports:

- System Audits - Activity
- Alarm Events - History
- Door Status - Site Status



## System Features

### Scheduler:

- Book events
- Schedule door locks/unlocks, even days or weeks in advance
- Event Recurrence Manager

### Alarm Monitoring:

- Graphical Screens: 4 maps per alarm point
- Alarm Sound: Attach .wav files to alarms
- Acknowledgements, instructions and descriptions
- Facility (Guard) Tours:
- Up to 96 tours; global or individual

### Fips 201 Compliant

### Access Point Relays:

- 2 per access point

- 8 modes available including alarm response modes

### Muster Trac Reporting:

- Exceptions - Attendance
- Overtime - Absence/Presence

### Reader Technologies Supported:

- Proximity
- Biometrics
- Smart Card
- ABA magnetic stripe
- PIN
- Combined PIN / Stripe / Prox
- Wiegand 26-50 bit
- Marlok Keys

### Anti-passback:

- Global, Paired or Timed

## How to Order



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Part Number  
135-510951-FCD

Description  
Millennium Expert Software Package  
(CD and User Manual)

135-507591

Network License per PC

135-509233

Millennium Badge Software Add-on Software Package  
(CD and Manual)