

## Application

Millennium Enterprise is an advanced access control system designed for multiple site environments, typically over a Local Area Network (LAN) or a Wide Area Network (WAN). Its architecture is specially suited for organizations that wish to maintain operations in multiple locations utilizing a common SQL Server database.

In addition, Millennium Enterprise allows individual tenants, through data partitioning, to manage their own building using their own workstations, while giving overall control of the system to the facility manager.



## Features

- Reliable network with distributed intelligence
- Easy expansion; one door, one site or one tenant at a time
- Economical upgrade from other access control systems
- Adapts to facilities of any size from just a few doors to thousands of doors
- Interfaces to most types of readers and cards in the industry
- Interconnects with most communication networks (TCP/IP, twisted pair, leased line, fiber optic, and wireless technologies)
- Instant alarm annunciation supported by maps, sounds, instructions and reports
- Powerful database tools to export or import data to and from other systems
- Increased security between panels 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
- Monitored Alarmed Points: 700,000
- Elevator Control: 96,000 floors, 10,000 in-car readers
- Relays Supported: 200,000 (on/off) plus 80,000 optional
- Cardholders: Unlimited
- Real-time Import and Exporting
- Tenant Groups: 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 supervised inputs with 4 states (open, short, reset, triggered, selectable)
- Workstations Supported: Depending on your product licensing - Thick clients
- Text and Email Notification Per Alarm



## PC Minimum Requirements

### Hardware:

- Intel/AMD Multi-Core Processor
- HD: 500GB/ 120GB (Server/Workstation)
- Serial Port DB9 or Network Connection
- RAM: 8GB/4GB (Server/Workstation)
- CD/R-W
- Screen Resolution: 1024 x 768
- Network Card & TCP/IP Protocol

### Software:

- Server: Microsoft Windows Server 2008 R2 (latest service packs)
- Workstations: Microsoft Windows 7 (latest service packs)
- Database: Microsoft SQLServer 2008 R2

### Optional Software Module:

- Millenium Badging, CCTV, Salto Systems Locks, Ship Interface

## System Management

### Management Levels:

- 2 Master Levels
- Unlimited customized levels
- All software features can be selectively assigned to operators
- Multiple Tenant Group assignment

### User Management:

- Complete user profile with reports
- Multiple Tenant Group membership
- Card auto-expiry per Tenant Group
- Card activation per Tenant Group

### Tenant Groups:

- Unlimited Tenant Groups and Time Zones
- Database partitioning by tenant
- Sites, doors, access points, elevators, access groups can be assigned to Tenant Groups
- Common Area (global) Group
- Restricted (system) Group

### Generate Reports:

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



## System Features

### Monitoring of Alarm Points:

- Broadcasting of alarm acknowledgement to selected workstations
- Independently program monitoring options at each workstation
- Write instructions for selected alarms
- Link sounds and maps to alarms

### Guard Tours:

- Build up to 96 independent facility tours

### Anti-passback:

- Global, paired, timed & time out reset (refusal of user's card for a selectable time period)

### Controllable Relay Modes:

- No action; 1st user auto activate; auto activate
- Valid user; rejected user; any user; dual custody
- Selected alarms; mirror selected alarms; last person

### Reader Technologies Supported:

- Proximity/Legic
- ABA magnetic stripe
- Combined PIN/Stripe/Prox
- Dallas Touch Chip
- Marlok Keys
- Inverted Clock and Data
- Biometrics
- Smart Card
- PIN
- Wiegand
- Clock and Data

### Fips 201 Compliant

## How to Order

Part Number	Description
135-509636-FCD	Millennium Enterprise Software Package (CD and Manual)
135-507591	Network License per PC
135-509233	Millennium Badge Software Add-on Software Package