



Falcon

Access Control & Security Management Software



**Enforces
Security
Procedures**



Falcon is a comprehensive access control and security management system, enabling control over staff, employees, visitors, security personnel and guards in small to medium organizations.

One of the major advantages of this system is its ability to integrate employees' attendance data, without the need to duplicate databases.

- Real-time data management system
- Increased safety and security for your organization
- Supports various identification readers: biometric, smart card, proximity, magnetic, barcode
- Easy to operate
- Integration with CCTV, intrusion and fire alarm systems
- Guard patrol module
- Emergency access control

Features

Allocated Access Permission

- Group allocated access areas
- By authorization groups
- Authorization groups by time zones and by calendar
- By personnel type
- Anti-Pass-Back
- Supports biometric ID

Events Management

- Multilayer site maps
- Positioning of control elements on the map
- Dynamic graphic presentation of an event on the map
- Audio/visual indication during an event
- Automatic activities, such as dialing center/SMS alerts
- Classification of events
- Procedure related activities
- Audit trail - follow up on handling (who, when, what)

Visitors Module

- Feeding visitor's registration
- Quick visitor authorization by receptionist
- Option for adding a scanned document
- Badge printing directly from the AC system
- Visitors in database do not require additional photograph or biometric verification
- History reports for all visitors

Badge Production

- Capture employee's photograph directly into Falcon database
- Printing of employee's badge directly from personnel screen
- Suitable for use with a variety of printers
- Option for adding a signature on the badge
- Badge pre-designed template

Badge design module (optional)

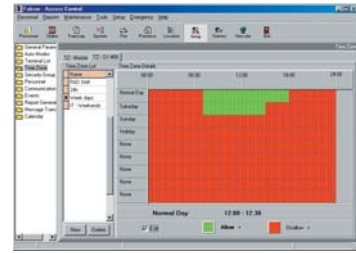
- Badge graphic design
- Magnetic encoding or barcode printing of the badge
- Production of a large amount of badges per sequence

Reports

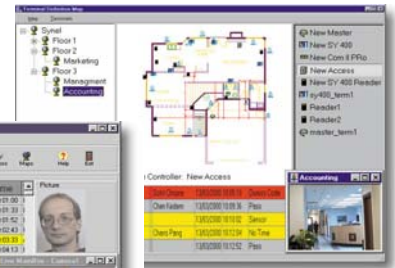
Generation of a variety of reports

- By date
- By time
- By security group
- By department
- By employee / card number
- ... and more

Allocated access



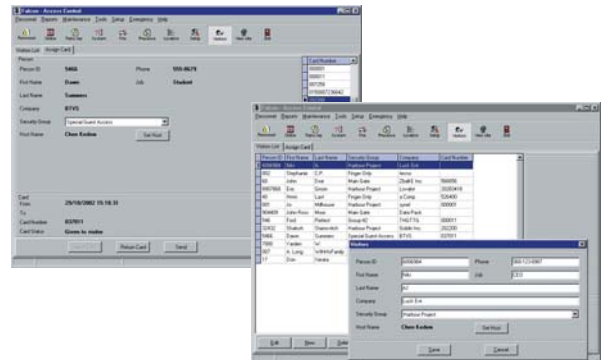
Active maps



Alerts screen



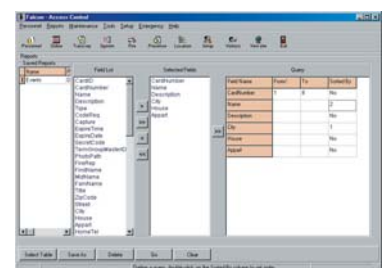
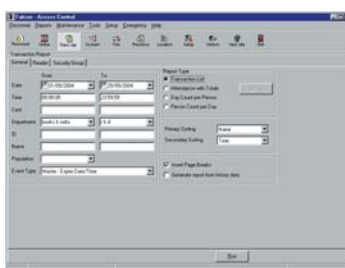
Visitor module



Badge production



Multiple types of reports



Falcon software is a powerful tool, enabling complete control over both your personnel and workplace. It enables you to limit access to any specified area; to see - in real time - the exact location of any individual; to produce custom reports on location and monitor movement of all persons for security purposes. Falcon includes CCTV monitoring, personalized card printing, synchronized dynamic maps, and integration with intrusion alarm system.

Benefits

- Prevention of unauthorized access to sensitive locations, and follow up on entries
- Optimization of working time
- Detailed operational instructions procedures to the on-site personnel for efficient event handling
- Enforces security procedures implementation
- A powerful tool for investigating occurrences such as theft, abuse, theft of information, etc.
- Prevents database duplication
- Eliminates the need for double enrolling by collecting data from external databases, such as T&A or HR software, and updating terminals automatically
- Easy control over guards
- Integration with T & A software
- Use of system for attendance reporting
- Muster evacuation management

What Can Falcon Do?

- Unlimited security groups *
- Unlimited time zones *
- Unlimited card holders *
- SMS messaging
- Integration with intrusion alarm system
- Emergency fire reports supported
- Connectable to any external 3rd party software
- May be triggered for operation by external device
- Online updating of new card holders
- Option for exporting transaction files to external programs
- Automatic door open/close scheduling per each reader

* pending hardware configuration



Special Features included

Digital Video System

- Compression and storage of video images from the event itself for future use
- Special encoded compression algorithm developed and based on JPEG technology
- Software tools for quick retrieval of video images recorded, including a range of possibilities for scanning the events sequence storage (date, hour, camera, etc.)
- Processing video images and sending an alarm in real-time in case of a break-in, sabotage or any suspicious movement or activity
- Password protection and different permits to users and administrator



- Assignment of a camera to a reader or event source
- Automatic switching of a camera in case of event
- Choice of outlook areas
- Popup of an employee's picture from archive vs. a live picture during swiping of a card
- Automatic recording of an event and its attachment for reconstruction purposes



Intrusion/Fire Alarm System

Integrating intrusion alarm, access control, wireless 868/433/915 MHz hybrid expansion and automation, this system was designed for use in a wide range of institutional, industrial, commercial and residential applications.

Built for easy installation, programming and operation, the system includes advanced Auto-Install Technology. During setup, the system recognizes and enables rapid configuration of connected elements and accessories to simplify the installation.

The system offers flexibility and extensive expansion capabilities.

The system includes an interactive voice module, Integrated Access Control and TCP/IP for linking to local or remote PC networks. Accessories are easily integrated into existing installations, assuring installers of ongoing business opportunities.

Falcon Feature Comparison by Edition

Features	Falcon Demo	Falcon Express	Falcon	Falcon PRO
Terminals				
Rokonet ProSYS 128 alarm controller support	✓			✓
Maximum terminals defined	1	1	255	255
Event notification				
Sound	✓	✓	✓	✓
SMS alert per event				✓
View/Edit site map			✓	✓
Emergency door control				
User can open/lock all doors	✓	✓	✓	✓
Auto Modes per reader				
Define Master auto-modes	✓		✓	✓
Define SY-400 auto-modes	✓	✓	✓	✓
Time Zones				
Define Master time-zones	✓		✓	✓
Define SY-400 time-zones	✓	✓	✓	✓
Define calendar for Master and SY-400	✓	✓	✓	✓
Fingerprint				
Enroll and verify fingerprint on the PC	✓	✓	✓	✓
Download finger template from SY-400 terminal	✓	✓	✓	✓
Send template to SY-400 terminals	✓	✓	✓	✓
Instruct SY-400 to check a person by fingerprint	✓	✓	✓	✓
Maximum templates per person	1	2	10	10
Card production				
Edit card layout	✓			✓
Dual-side printing (when supported by printer)	✓			✓
Capture pictures from camera, scanner, CCTV (TWAIN device)	✓			✓
Miscellaneous				
Maximum cards in personnel list	5	no limit	no limit	no limit
Visitor module	✓		✓	✓
Maximum visitors in list	5		no limit	no limit
Execute a program when an I/O device is triggered				✓
Print/Preview/Export reports	✓	✓	✓	✓
Multi user			✓	✓
Automatic scheduling				
Automatic import of personnel data			✓	✓
Automatic data collection	✓	✓	✓	✓
Automatic update of terminals with personal data changes	✓	✓	✓	✓
Online				
Online data collection from local or TCP/IP Master and SY-400 terminals	✓	✓	✓	✓
Online data collection from local ProSYS Rokonet alarm controller				✓
Show person image online	✓	✓	✓	✓
Show live video when card is swiped				✓
Filter transactions and events	✓	✓	✓	✓
Export transactions via text file	✓	✓	✓	✓
Export transactions via custom DLL directly to the client application	✓	✓	✓	✓
Integration with SY-Server for online verification of personnel	✓	✓	✓	✓

System Requirements

- Intel Pentium processor or higher
- Windows 9X/NT/ME/2000/2003/XP
- 128 MB RAM
- 100 MB hard disk space
- 256 color (8 bit) display adapter
- CD-ROM drive
- Optional sound card for event notification
- Optional TWAIN compliant capture card or scanner for Falcon PRO
- Optional I/O card for direct event inputs

Supported hardware



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 Pictures in this brochure are for illustration purposes only.
 The technical data sheet packed with the product is the
 only obligatory source of technical information.