



FALCON



Access Control & Security Management Software

Synel's Falcon PRO software is a comprehensive access control and security management system that allows you to:

- Limit and restrict access to any specified area;
- See - in real time - the exact location of any individual;
- Produce custom reports on the location, and
- Monitor the movement, of all visitors, security personnel and guards in small to mid-sized organizations.

Falcon PRO includes personalized card printing, synchronized dynamic maps and a host of other benefits and capabilities including:

- Real-time data management system
- Emergency access control
- 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



YOUR TIME IS OUR BUSINESS

Falcon PRO 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

Visitors Module

- Entering of visitors' registration details
- 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

Reports

- Generation of a variety of reports
- By date
 - By time
 - By security group
 - By department
 - By employee / card number
 - ... and more

Events Management

- Multi-layer active site maps enabling positioning of control elements and dynamic graphic presentation of an event
- Audio/visual indication during an event
- Classification of events
- Automatic activities, such as dialing center/SMS alerts
- Detailed procedural instructions to on-site personnel for efficient handling of events
- Audit trail - follow up on handling (who, when, what)
- Emergency evacuation management
- Optional integration with intrusion/fire alarm system

Badge Production

- Capture employees' photograph directly into Falcon PRO database
- Print employee's badge directly from personnel screen
- Suitable for use with a variety of printers
- Option for adding a signature on the badge
- Pre-designed badge template
- Badge design module (optional)
- Badge graphic design
- Magnetic encoding or barcode printing of the badge
- Production of a large number of badges per sequence

Allocated access



Visitors module



Falcon PRO Small Enterprise Packages

FALCON PRO Small Enterprise 2 Door and 4 Door Systems	Falcon Pro Software	Master Controller	PRX-40/B - Proximity reader + PIN	Synel Proximity Badges	
FSE-2	Falcon SE - 2 Door (expandable) Access Control Solution for Small Enterprise	x	1	2	20
FSE-4	Falcon SE - 4 Door (expandable) Access Control Solution for Small Enterprise	x	1	4	20

Features

- Master Controller (MC) requires no UPS for readers or controller
- MC- Expandable system handles up to 16 doors (with same controller). Up to 400 doors (with multiple controllers)
- MC - Stores up to 14,000 cardholder entries (Master large), TCP/IP interface
- MC- has anti-passback capabilities
- PRX-40/B has integrated relay outputs (for door strikes) at the reader
- PRX-40/B - has separate Bell Button, Tamper Sensor, and Buzzer for audio confirmation
- All Features of Falcon Pro Software
- Easy to install hardware, easy to setup software, and easy to maintain system

Badge production



Multiple types of reports



Benefits of Falcon PRO

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

What Can Falcon PRO 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 third 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 for 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 administrators
- Assignment of a camera to a reader or event source
- Automatic switching of a camera
- Choice of outlook areas
- Pop-up 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

- This system is 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 set-up, the system recognizes and enables rapid configuration of connected elements and accessories to simplify the installation.
- The system offers flexibility and extensive expansion capabilities and 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 PRO Features Chart

Features	Falcon PRO
Terminals	
Rokonet ProSYS 128 alarm controller support	✓
Maximum terminals defined	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	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	no limit
Visitor module	✓
Maximum visitors in list	no limit
Execute a program when an I/O device is triggered	✓
Print/Preview/Export reports	✓
Multi user	✓ (5 users)
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 (optional)	✓
Integration with SY-Server for online verification of personnel	✓

Supported Hardware



PRintX - FPR
(IP44)



PRX-20



PRX-25



PRX-30/40/ 40/B
(IP44)



Access III/IV



Master Controller



SY-400



SY-10



SY-11



IBC Reader



HID Reader

System Requirements

- Intel Pentium processor or higher
- Windows 9X/NT/ME/2000/2003/XP
- 128 MB RAM
- 100 MB hard disk space
- 256 colour (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

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