



# ProSYS.freeCom

Integrated Security Systems

## Simple yet Flexible

ProSYS.FreeCom is an Integrated Security System that is simple to install yet has the flexibility and comprehensive set of features to suit any application.

## Save Time and Money

Install RISCO Bus Detectors with Remote Control & Diagnostics for extra profit by saving on cabling, zone expanders, installation time and on-site maintenance

## Unrivalled Dual-Path Signaling

ProSYS.FreeCom has an unrivalled dual-path signaling solution with totally integrated IP and GPRS communication from within the main box. This dual-path solution is integrated and compatible with leading signaling and monitoring solutions.

## Expandable

ProSYS.FreeCom is modular and expandable. Install a basic intruder system and add modules and functionality - be it dual-path IP and GSM/GPRS communication, Access Control, Voice Module or Wireless - as customer needs and budget evolves.

## Field Proven and Compliant with International Standards

ProSYS.FreeCom has a proven track record with installations in thousands of organizations, including banks, commercial, retail and public establishments.

ProSYS.FreeCom meets EN50131-1 Security Grade 3 and Environmental Class II.

## Suits Large and Multi-Site Projects

ProSYS.FreeCom installations controlled by SynopSYS™ Security & Building Management software enable very large installations with a virtually unlimited number of zones.

## RISCO Group's Exceptional Reliability and Support

All the above combined with RISCO Group renowned support and training make ProSYS.FreeCom the premier choice for your security system.



Creating Security Solutions.  
*With Care.*

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## RISCO Bus Accessories

RISCO Bus detectors and sounders with remote control & diagnostics save time and money on cabling, zone expanders, installation and on-site maintenance.

- Outdoor, industrial, high-ceiling and commercial detectors
- iWISE Bus detectors include an extra zone input, for addition of a door/window contact, or any detector, saving wiring back to the panel
- Unique external sounder with long life Surface-Light™ Technology strobe

ProSYS BZE	ProSYS™ Bus Zone Expander for 32 zones
iWISE 815DTBG3	iWISE Bus DT AM Grade 3
iWISE 815QOBG3	iWISE Bus QUAD AM Grade 3
iWISE 815DTBG2	iWISE Bus DT Grade 2
iWISE 815QOBG2	iWISE Bus QUAD Grade 2
ProSound 200P	ProSound™ with Proximity Anti-Sabotage protection
ProSound 200	ProSound™



## Keypads, Proximity Keys & Audio

- Low Profile Touchscreen Keypads with proximity
- Intuitive menu-driven user interface
- Interactive voice module with full menu guide, remote messages and operation, listen-in and speak-in to the premises
- Proximity Key Readers for easy arm/disarm operation
- Program Transfer Module for program backup and copying to other systems

ProSYS KP	Touchscreen Keypad
ProSYS KPP	Touchscreen Keypad with Proximity + 2 keytags
RP200KT	10 keytags for Touchscreen Keypad
ProSYS KCL	LCD Keypad
ProSYS KCLP	Proximity LCD Keypad + 2 keytags
ProSYS KTAG	10 keytags for Proximity LCD Keypad
ProSYS PKR	Universal Proximity Key reader + 2 keytags
ProSYS EV	Interactive Voice Module
ProSYS EVM	Message Box + Listen-in and Speak Module
ProSYS EVL	Listen-in and Speak Module
ProSYS EE	Program Transfer Module



## Wireless Expansion

ProSYS™ offers a wide range of wireless accessories for those difficult to wire locations

- Noise measurement and detector signal strength displayed on LCD keypad
- Outdoor, PIR, PIR pet, shock, glassbreak, door/window contacts, smoke, flood, gas and CO detectors
- Keyfobs and panic transmitters

ProSYS EW08	Wireless 8 Zone Receiver
ProSYS EW16	Wireless 16 Zone Receiver

## Access Control

- Integrated Access Control with anti-passback, up to 16 readers/doors
- Supports magnetic, proximity, barcode and biometric readers (Wiegand and Clock&Data protocols)

ProSYS EAC	2 Door Access Control Module
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## Vault Module

- Vault Control Module (VCU) for securing up to 8 vaults or ATMs
- VCU installed inside the vault and controls the electro-mechanical locker bolt, every action reported over IP to the control room

Vault Module is available for special projects



## Power Supplies

- 3A Switching Mode Power Supply (SMPS) with full supervision and advanced remote diagnostics
- 1.5A supervised power supply

ProSYS 3APSB	3A SMPS in metal box
ProSYS 3APS	3A SMPS PCB
ProSYS 1.5APSB	1.5 PS in metal box
ProSYS 1.5APS	1.5A PS PCB

## AGM Module

- Advanced GSM/GPRS module
- Primary or Backup operation modes
- GPRS Class 10 connectivity
- Central station reporting via GPRS and SMS to the IP/GSM Receiver, with 128bit AES encryption and polling
- Selective Voice/SMS/Email event messages
- SMS remote control of the panel with confirmation of command execution
- Supports remote Upload/Download
- Support for prepaid SIM cards
- Installed in ProSYS™ enclosure or separate metal housing

AGM 128GSX | AGM bus full version (in box or PCB only)

## IP/GSM Receiver Software

- A Monitoring Station software package that operates in conjunction with the ACM or AGM
- The software receives the encrypted protocol from the ACM or the AGM and translates the events into standard protocols used by Monitoring Station applications.

IP Receiver | IP/GSM Receiver Software CD and License

## Fast PSTN Modem 2400bps

- A new optional communication accessory that allows upload/download at 2400bps

ProSYS MD2400 | Fast PSTN Modem 2400bps

## ProSYS.FreeCom Main Panel

	ProSYS 16	ProSYS 40	ProSYS 128
Zones	8-16	8-40	8-128
Zone expansion (Star, Bus or Wireless)	8	32	120
Partitions/Areas	4	4	8
Groups per partition	4	4	4
User Codes	30	60	99
Programmable Outputs	6-22	6-38	6-70
Supervised Power Supplies	8	8	8
Keypads	8	12	16
Account numbers	4	8	12
Weekly time schedules	8	16	32
Event Log	250	250 to 512	250 to 999
Triple EOL support for receiving alarm, tamper and mask signals on every single zone			

## Wired Expansion

Large variety of Wired Expansion modules, including:

- Triple EOL zone expansion modules
- Output expansion modules
- Event log expansion
- X-10 adaptor
- Printer adaptor supports any standard parallel printer
- PC adaptors for local upload/download

ProSYS EL5	512 Event Expansion Module
ProSYS EL9	999 Event Expansion Module
ProSYS E04	4 relay outputs module (3A)
ProSYS E08	8 open-collector outputs module (70mA)
ProSYS BZE	ProSYS Bus Zone Expander for 32 zones
ProSYS EZ8G3	8 Zone triple EOL Module
ProSYS EZ16G3	16 Zone triple EOL Module
ProSYS EZ8	8 Zone Expansion Module
ProSYS EZ16	16 Zone Expansion Module
ProSYS EZ8F	8 Zone Expansion Module with Fast Response Time
ProSYS EUSB	USB to RS485 Adaptor
ProSYS EBA	RS232 to RS485 Adaptor
ProSYS PRT	Parallel Printer to RS485 Adaptor
ProSYS EXT	X-10 Adaptor
ProSYS B5	Plastic Accessory Box
ProSYS B2	ProSYS Metal Box



**PSTN/Dial Up**

## Monitoring Station



## User Monitoring



## ACM Module

- Advanced IP communication module
- Secure IP communication with SSL, 256bit AES256 encryption, cipher key changed frequently, polling, substitution and authentication
- Compatible with 10BaseT and 100BaseT full-duplex
- Simultaneous multiple channel IP communication: event reporting and Upload/Download at the same time
- Event reporting to email addresses
- Supports static or dynamic IP addressing (DHCP)
- Project integration with 3<sup>rd</sup> party applications using Modbus or XML protocols
- Installed in the ProSYS™ enclosure

ACM AB01 | ACM Basic (RS485 and Ethernet interfaces)  
ACM AA01 | ACM Basic + Modem interface

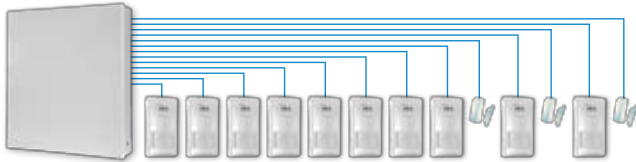


# Save Time & Money

with RISCO Bus detectors  
and unique diagnostic tools



Industry Standard Busy Wiring

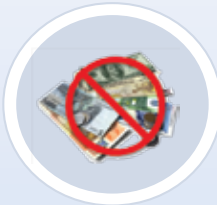


RISCO Bus Wiring



## Save on cabling length

Up to 128 Bus detectors can be installed on a 4-core alarm cable, eliminating the need to draw cables from the panel or zone expanders to each and every detector. Each 40 Bus detectors can lead to cable savings of 500m (1,600').



## Save on labour

Laying less cable means less hours of labour - an estimated 5 hours less for each 100m (330') of cable. Additionally, RISCO Bus detectors are approximately 6 minutes faster to install than regular detectors, as wiring in the panel is simpler, no EOL resistors are needed and detection parameters are set remotely. For each 40 Bus detectors the above saves a total of 29 hours.



## Save on zone expanders

RISCO Bus Detectors provide major savings on physical zone expanders. Up to 32 Bus detectors are supported on the panel directly, and the new Bus Zone Expander supports up to 32 additional Bus detectors, scaling up to a maximum of 128 Bus detectors.

**New iWISE Bus Detectors include an extra zone input, which allows the convenient addition of a door/window contact or any other detector, saving on the wiring back to the panel, and on zone expanders.**



## Save on-site maintenance

Remote control & diagnostics allow setting and reading of all RISCO Bus detector parameters remotely, saving valuable installation and maintenance time. You can measure the DC voltage input on each Bus detector or change a detector's sensitivity remotely.

## Unique Bus Test

RISCO Bus Test checks the communication quality between the panel and each module on the Bus, and is unique to ProSYS.FreeCom. The Bus test helps validate correct Bus wiring and module communication, enables pinpointing intermittent malfunctions or faulty wiring from a remote PC or from the keypad, and allows extending the length of the Bus wiring.



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*With Care.*

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