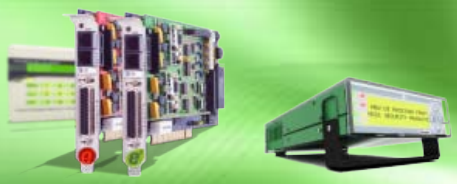

MCDI
SECURITY PRODUCTS

IN THIS BROCHURE

RoHS compatible Receivers
EXPRECIUM 3
DECRYPTA 3



THE EXTRIUM FAMILY
General description
Decrypta 4
Extrium::db / Extrium:: concentrator
Decrypta 6
EXSA



MONITORING SOFTWARE
SECURITHOR
WAM for SECURITHOR

SECURITHOR

DISTRIBUTORS AROND THE WORLD

MCDI
SECURITY PRODUCTS

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Montreal QC Canada
PH: 514-481-1067
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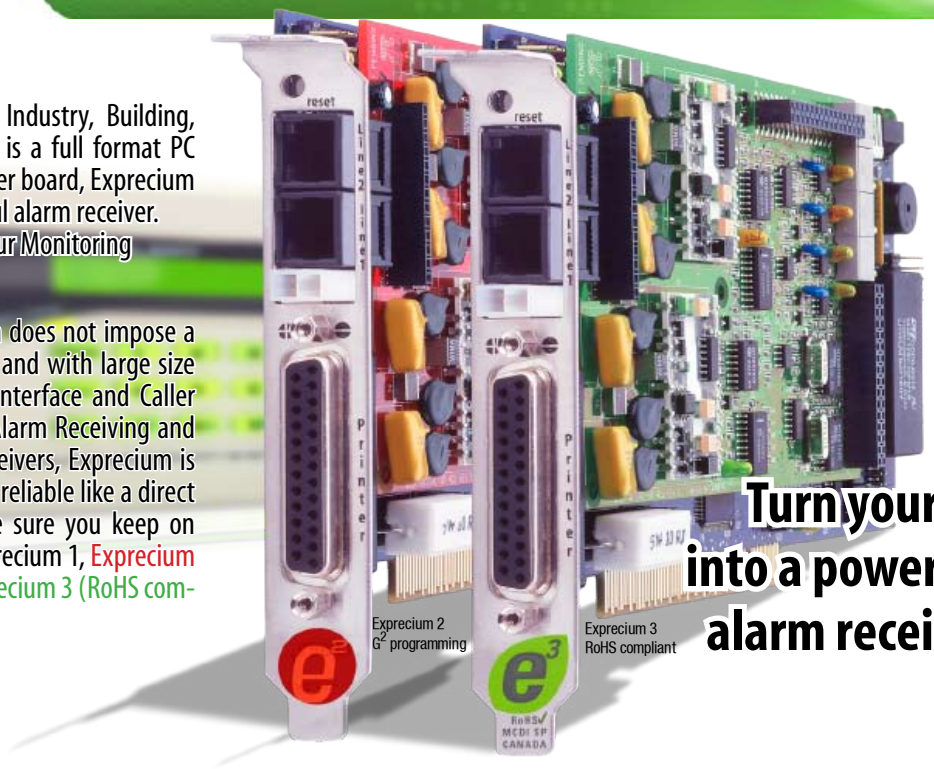
Linea directa
en español: +514-487-0441
ventas@mcdi.com
soporte@mcdi.com

RoHS Compliant

eXprecium^3

EXPRECIUM™ makes alarm monitoring easy for Industry, Building, Health Services, Security and OEM. EXPRECIUM™ is a full format PC based alarm receiver card. With two phone lines per board, Exprecium gives you the power to turn your PC into a powerful alarm receiver. Starting with one board, you can add boards as your Monitoring Station grows.

Exprecium fits into PCs with a PCI bus. Exprecium does not impose a logical limit to the number of customers per line and with large size memory, fast modem circuit, improved PC bus interface and Caller ID option, EXPRECIUM adds a new dimension to Alarm Receiving and PC integrated Monitoring Station. As all MCDI receivers, Exprecium is packed with several features to make your Central reliable like a direct printer output and a battery connector to make sure you keep on receiving even if your PC is down. Available as Exprecium 1, Exprecium 2 (Generation 2 advanced programming) and Exprecium 3 (RoHS compliant for Europe and Japan).



Turn your PC into a powerful alarm receiver

Technical Specifications

Models
Exprecium 1: standard
Exprecium 2: advanced programming
Exprecium 3: E2+ RoHS compliance for Europe and Japan

Communications:
Exprecium provides 2 RJ11 type jacks for telephone line connection.

Type:	Pulse, DTMF, FSK
Reception Speed:	10, 20, 40 pps DR / CS
Handshake and Kiss-off:	1400Hz /2300Hz/2225Hz
Pulse Frequency:	1800Hz / 1900Hz
Telim//Robofon:	1180Hz / /1100Hz

Reception Formats supported:

Acron	Radionics 6500
Ademco:	Radionics extended
- Slow/Fast;	Sescoa Slow, Super Fast
- Contact ID;	Sescoa Standard
- Extended;	SIA
- Express;	Silent Knight Slow
- High Speed	Stratel
FBI Super Fast	Napco Point ID
Tunstall TTnew(E3 only)	BFSK,CFSK, VFSK (E2 only)
3x1	3x1 extended
4x1	3x1 extended compressed 4x2
4x1 extended	4x1 extended compressed 4x2
4x2	Zero removed 3x1, 4x1, extended.
Optex's Varitech	C&K: Bell 103A2 or CCIT (option)

For Germany and Scandinavia (option): Telim/ Robofon
All boards are delivered with Bell 103 on both lines. Please specify for Telim, Robofon or CCIT.

Printer Output:
Standard DB25 connector for Centronics Parallel Interface. Card linking arrangement allowing one printer to serve all MCDI PCB receivers in PC.

Event Logging when PC is absent:
EXPRECIUM stores last 1800 events when PC is down.

Power Requirements:
From computer +12V Supply: 300 mA max.
From 6V Battery (standby): 300 mA

Station Requirements:
PC computer Pentium 2 and up. Table top size enclosure with PCI bus. DOS, Linux, Windows 95 SE, 98, ME, 2000 or XP. 16 Mb RAM, 20MB free hard disk space. PC addressing: PC must have Plug & Play BIOS. Printer with Centronics parallel interface and cable with DB25 connector.

Battery Back-up:
EXPRECIUM provides charging and supervision circuitry for an external 6-Volt battery (not supplied). 12V battery may be used but no charging will occur. Charging Voltage 6.7 volts, Charging Current Limit 500 mA.

Monitoring Software:
All Exprecium interfaces with Monitoring software in MCDI SP mode, Ademco™ 685 emulation mode and SurGard™ emulation mode. Exprecium is compatible with most Automation software on the market including **SECURITHOR**, SAMM X, WINSAMM, Centralworks, ABM, Patriot, SIS and SIMS.

Optional remote control MRD1000:
-Configures and operates EXPRECIUM
-Displays incoming signals/controls on 2 lines by 20 characters.
-Power fed by EXPRECIUM
-External self contained unit or mounted in PC's CD slot.
-Configuration menus in English, French, Spanish and Portuguese

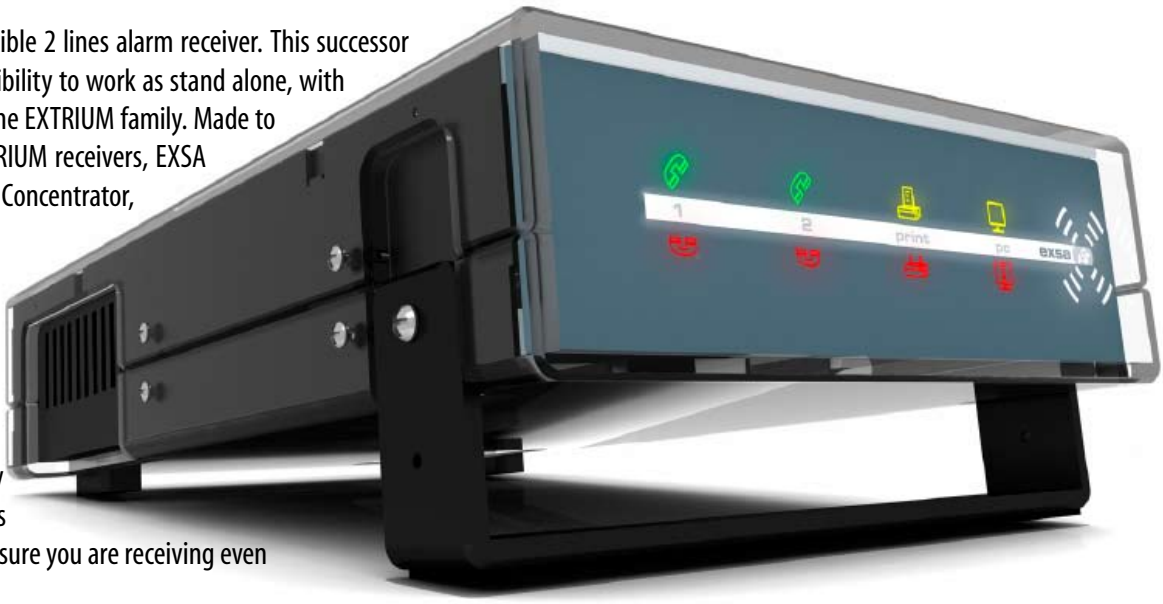


www.mcdi.com

RoHS Compliant

exsa

EXSA is our easy to use and flexible 2 lines alarm receiver. This successor to MCDI SA-TLR+ gives you flexibility to work as stand alone, with a PC or with any product from the EXTRIUM family. Made to extend the line capacity of EXTRIUM receivers, EXSA will add 2 lines to your D4, Concentrator, EXTRIUM or EXTRIUM::DB.



EXSA also gives the power to turn your PC or laptop into a powerful two phone line alarm receiver.

Built-in MCDI SP redundancy features such as dual outputs and dual power sourcesto make sure you are receiving even if your PC is down.

Technical Specifications

Communications:
EXSA provides 2 RJ11 type jacks for telephone line connection. Built-in dead line detection.

Type: Pulse, DTMF, FSK
Reception Speed:10, 20, 40 pps DR/CS
Handshake and Kiss-off:1400Hz /2300Hz/2225Hz
Pulse Frequency:1800Hz /1900Hz
Telim//Robofon:1180Hz //1100Hz



Reception Formats supported:

Acron	MCDI-Take-a-look
Ademco:	Napco Point ID
- Slow/Fast;	Radionics 6500
- Contact ID;	Radionics extended
- Extended;	Sescoa Slow, Super Fast
- Express;	Sescoa Standard
- High Speed	SIA
Silent Knight Slow	Stratel
Tunstall TTnew (RoHS version only)	
FBII Super Fast	BFSK, CFSK, VFSK (non RoHS only)
3x1	3x1 extended
4x1	3x1 extended compressed 4x2
4x1 extended	4x1 extended compressed 4x2
4x2	Zero removed 3x1, 4x1, extended.
Optex's Varitech	C&K: Bell 103A2 or CCIT (option)

For Germany and Scandinavia as pulse replacement (option): Telim/Robofon
All EXSA are delivered with Bell 103 on both lines. Please specify for Telim, Robofon or CCIT.

Printer Output:
Standard DB25 connector for Centronics Parallel Interface.

Event Logging when PC is absent:
EXSA stores last 1800 events (contact ID, no caller ID) when PC is down. Resumes sending when PC is back

Power Requirements:
From included power supply with roll over to 9-12V DC external battery (connector supplied only): 400mA

Station Requirements:
EXSA needs connected PC (USB or Serial) to be configured. PC with Windows 2000, XP or VISTA with Java.
Printer with Centronics parallel interface and cable with DB25 connector.
Wireless phone link for mobile use.

Configuration:
Black anodized aluminum, acrylic outer box with lower or raised stand.
1 parallel port DB25 for printer
1 serial port DB9 for connection to computer
1 USB port for seconday connection to computer
2 RJ11 phone line jacks
9 status LEDs on front panel
EXSA is assembled with EXTRIUM form factor and box. Outer cover removable for assembly in PC or server.

Monitoring Software:
EXSA interfaces with Monitoring software in MCDI SP mode, MCDI SP enhanced mode, Ademco 685 emulation mode and SurGard™ emulation mode. EXSA is compatible with most Automation software on the market such as SECURITHOR, SAMM, WINSAMM, Patriot, SIS, SIMS and Central Works. Requires windows based software for USB communication.

RoHS compliance
Made especially to meet Europe and Japan RoHS and WEEE requirements, EXSA is shipped as RoHS compliant on request with internal Exprecium 3. Made without lead free components, cadmium and PBB.

Warranty
EXSA is backed by MCDI SP 3 years limited warranty and MCDI SP legendary support. RoHS compliant versions are covered by a 2 years limited warranty. MCDI SP offers first line support in English, Spanish and French.

RoHS Compliant

decrypta^3

Decrypta 3, the first alarm receiver totally compliant to Europe and Japan RoHS requirements is the direct descendant of legendary D2 from MCDI SP.



D3 is built in a new form factor that will fit in servers, PC or on your desktop. Dual power sources, dual ouputs -USB and serial - and MCDI SP generation 3 faster programming makes D3 as easy to use and set-up if you are using one in a Guard booth or managing several in servers. D3 is backed by years of experience from D1 and D2 by MCDI Security Products innovative design in monitoring products.

Features

At MCDI SP we think inside the box but what a box we made!



Raise integrated stand for easy reading in stand alone mode.



Flat for easy stacking and use of multiple D3 with inexpensive USB hub.



Remove outer cover for installation inside a PC or a server in a standard CD/HD slot

√RoHS compliant
Made especially to meet Europe and Japan RoHS and WEEE requirements, D3 is the only alarm receiver totally made with lead free components.

Superior design
We designed D3 with functionnality and uptime in mind. A smaller form factor to stack more or to fit in servers and PC, electronic not requiring fans, no moving parts prone to break and keypad with sealed buttons to make this receiver one of the best and durable value in the security industry.

Receiving more!
Over 20 alarm formats supported including Contact ID, SIA and Pulse. Events are reported to PC in MCDI, MCDI Extended, Surgard or Ademco 685 modes to be compatible with most Monitoring software on the market such as SECURITHOR, WINSAMM, SAMM, Patriot, SIS, SIMS, Microkey and Central works.

Fast and easy set-up
D3 is fully controllable either from connected PC or from front diplay and controls. Easy set-up in a few minutes without the need of factory technicians or the complicated menus of legacy receivers.

Fast response from receiver is insured by MCDI generation^3 programming. Handshake sequences, rings and several parameters are programmable to present panels with the right handshake. Favorite handshake sequences can be stored for up to 10000 accounts.

Multi-lingual display
All configuration menus are available in English, French, Spanish, German and Portuguese.

Easy to read alarms signals
D3 is ideal to use in Stand Alone supervision such as guard booths: no PC and software needed in most cases. Just read the contact ID alarm code definitions and account numbers. Caller ID is also diplayed when available. External 5V relay at the back to trigger lights, sirens.

Dual Power Sources
D3 can be powered by included power supply or external battery thus making sure your receiver keeps on receiving even for days in case of power outage.

Dual Inputs
2 RJ11 phone line jacks. Alarms can be received on both lines simultaneously. Lines are identified with a line number (0 to 255) for the Monitoring Software.

GSM back-up
D3 supports wireless phone link for mobile use such as MCDI GSM backup interface GCI1800 and GCI1900. Sold separately.



Dual Outputs



For connection to computer: 1 USB client port and 1 serial port. Both outputs transmit alarm signals received by D3. One is used as primary for acknowledge and the second one for logs or redundancy. Signal can be sent to 2 separate PCs or in the same PC to separate applications.

Dual logs



Printer is used to hardcopy raw logs from D3 as alarms are received. Second output sends signals to log file in PC (Windows logger supplied-java required).

Extended memory and logs
D3 displays last 1800 events while power is maintained. D3 keeps in buffer the last 1800 events (4x2 no Caller ID). Events are displayed on LCD as a sequential pile when power is maintained. Memory is protected by NV ram.

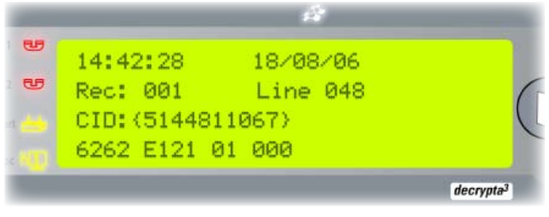
Check mcdi.com for complete specifications to come September 2006. Available as non RoHS version for Americas 09-2006 and RoHS for Europe and Japan starting 10-2006.

New! 8 LEDs for status



Directly from the front window, now see exactly what is happening from line communication, dead line detection for both phone lines to online/off line printer, communication or absent PC. Power LED shown in status plus flashing to indicate if D3 is switching from main power to battery back-up.

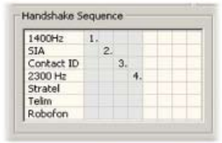
Display:
Easy to read 4 lines x 24 characters display. Incoming signals breakdown by line number, receiver number, date, time, account/alarm codes and caller ID. D3 Displays last 1800 events. Set-up menus in English, French, German,



Spanish and Portuguese. All operations available on display. If not using a Monitoring software, acknowledge of incoming alarms is done by pressing the Alarm acknowledge key (CR).

Extended memory and logs
D3 displays last 1800 events while power is maintained. D3 keeps the last 1800 events in buffer (4x2 no Caller ID). Events are displayed on LCD as a sequential pile when power is maintained. Memory is protected by NV ram.

Handshake sequence



New programmable handshake sequence lets you program the formats you want and forget about the ones you are not using in order to speed up the time D3 takes to answer. Favorite sequences can be stored for up to 10000 accounts.

DRIVERS AND COMMUNICATION
USB drivers supplied for Linux, Macintosh, Windows 98, ME, 2000 and XP. Serial communication with DOS, Linux, Windows 95SE, 98, ME, 2000 and XP. DECRYPTA^2 can be configured and operated without PC or with IBM™ or compatible 486 Pentium computer and up. Java class configuration tools supplied, java engine required. Linux tools supplied.

Automation software
D3 is designed to work at his best with SECURITHOR from MCDI SP. But it's also compatible with most Automation Software on the market including SAMM, WINSAMM, Patriot, Bold, SIS, SIMS, Centralworks. Reporting to Automation software in MCDI, MCDI enhanced, SG MLR2, MRL2000 modes. Supports 3 digits line numbers and 3 digits receiver numbers in MCDI SP and SG enhanced modes.



Size and construction:
The EXTRIUM box
D3 is made supplied with the Extrium family box. At MCDI, thinking inside the box means we make special boxes that can be used several ways. D3 outer cover includes a stand for raised or stackable position as a desktop unit. Remove outer cover and D3 can be used inside a PC or a server because it's the exact form factor of a CD unit/hardrive unit. Exactly what you need for operation in a server colocation rack or a remote unattended location. PC standardized screws on sides make also to easy and secure fixing in a guard booths or factory plants.



Fan-less design and no mechanical moving parts for operation ensure you get the most uptime.

No springs buttons: D3 buttons are sealed and incorporated in front membranes.
Neat anodized green finish -RoHS compliant.
Acrylic removable outer box cover.



Power Requirements:
From 9-12V DC Battery/ Power Supply: 4.65W with fall-over management.
Included power supply: 96-240V auto-ranging. Local power Din power cord must be supplied.

Relay
D3 is fitted with an internal relay to trigger externally powered devices such as a visual indicator, strobe light or siren. Terminal posts, dry contacts, on the back of D3 for normally open and normally close positions. Relay is triggered each time an alarm signal is received by Decrypta^3. Relay maximum current 30VDC 1A max.

Station Requirements
-DECRYPTA^3 can be configured and operated without PC. Operation by menus on front display.

-Configuration by PC through serial communication: IBM™ or Compatible AT, 386, 486, Pentium computer, 640Kb RAM, available Com port. Configuration by PC through USB port: PC support for USB interface.

-OS, Serial communication: DOS, Linux, Windows 95, 98, ME, 2000 or XP.
OS, USB and serial communication: Linux, Windows 98, ME, 2000 or XP.

-Printer with Centronics parallel interface. Cable with DB25 and DB9 connectors supplied

-Wireless phone link for mobile use: GSM 1800/1900 or analog to RJ11 commuted .

-Caller ID service must be provided by Telco (Bellcore type 1) for Calling phone number to display.

Multiple D3 and a USB HUB
Several Decrypta^3 can be linked to a single USB port on PC using a low cost USB hub.



Preliminary specifications: final specifications may change without further notice. Please check our web site to always get the latest specifications.

RoHS Compliant

extrium family

Introducing the EXTRIUM family

Extrium simply stands for EXTREME. Performances and features not typically seen in alarm receivers are now obtained in the Extrium family line. EXTRIUM logo symbolizes the waves coming from a Central point. That's exactly what EXTRIUM does. It collects alarm signals from various sources and broadcast those signals according to a routing programming and redundant arrangements defined by the CMS.

EXTRIUM goal is zero downtime! At the heart of the EXTRIUM family is a dedicated new ARM processor equivalent to a PC with it's own linux programming. Such embedded power was never seen in alarm receivers before the advent of EXTRIUM. Programming derived from Catapult and MCDI SP's Cognitum software are now integrated in all EXTRIUM receivers.



New **box** and **form factor**
EXTRIUM can go anywhere. By adopting a new form factor i.e. a box which can fit in servers and PCs or stand as a desktop we made sure you could use EXTRIUM in all sorts of situation and even if you don't go to extremes, you still benefit from it's efficient mechanical design with fan-less operation, operation without moving parts and internal lithium-ion battery.

Power management: **triple redundancy**
All EXTRIUM units are designed with uptime in mind. Not 1 but 3 power sources are available with automatic fall back. From the 2 external power sources (ac-dc adapter, 12V battery) to the internal Lithium-ion rechargeable battery.

Multiple **Outputs**
Each EXTRIUM units is equipped with a serial port, an ethernet port, a USB port and some have 2 more serial ports for inputs or outputs.

√RoHS compliant
Made especially to meet Europe and Japan RoHS and WEEE requirements, all members of the EXTRIUM family are available as RoHS compliant on request. EXTRIUM are the only alarm receiver totally made with lead free components.

The complete family

D4 with integrated 2 phone lines. This first member of the family gets you a performance equivalent to D2 and D3 plus part of the EXTRIUM family programming and features such as internal battery, 2 way voice to IP and 3 outputs.



Concentrator cpu only, no internal receiver. Manages inputs from traditional receivers or IP panels

Extrium receiver with an integrated 2 phone line, all the features of the EXTRIUM family except integrated Database



Extrium::db is complete with internal database of 4000 accounts or linked to SECURITHOR software for unlimited number of accounts. Extrium::db shows account information, alarm codes in clear text, action to take according to the complete list of info in the account. Ideal for stand alone monitoring without PC.



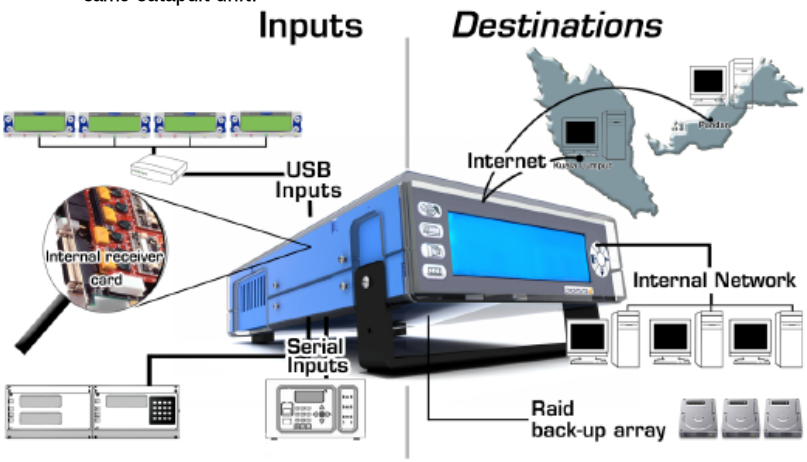
D6: horsepowers! 6 lines and 2 way voice to IP rebound in only one rack-mount space.



Where do you want your alarms to go?

A key concept for EXTRIUM is **destinations**. A destination in the EXTRIUM world is a serial output, a network, a printer, an IP address in the network or any IP address you choose over the Internet. Each alarm receiving device connected to EXTRIUM can be routed to a specific destination, thus enabling the grouping of devices to the same destination. Several virtual receivers can be defined in Catapult this way.

Destinations: **separate**, **alternate** or **redundant**.
Up to 32 virtual receivers (IP output) can be defined in EXTRIUM. This way 32 different virtual receivers can be created in EXTRIUM and they can send signals to different IP destinations on a network or trough the Internet. This enables you to run up to 32 different Central Monitoring Stations with the same Catapult unit.



Alternate When any one destination can't be reached or will not send back Acknowledge, your choice of alternate destination is automatically called upon to received alarm signals. Notification of communication breakdown can be programmed as part of destinations.

Redundant Redundant destinations can also be selected in EXTRIUM. One signal can be sent to many destinations to enable redundant processing or for example logging. For example, alarm signals can be sent to an external IP address for logging while you are monitoring events on your network.

Listen-in and 2 WAY voice integration with CMS software
EXTRIUM units with integrated receivers all have the capacity to route audio signals from receivers over IP to MCDI SP's SECURITHOR CMS software. No more web of wires!

Getting **old receivers back in the game**
With some Extrium models you can connect older receivesr such as SLR, MLR2, SK9000 or Ademco 685 to EXTRIUM serial inputs. Those signals will be integrated to EXTRIUM redundancy check routine, reformatted and sent to your CMS software over serial port or IP with EXTRIUM advanced destination management. Extrium:: db is even able to decode those signals to give you readable alarms on screen.

Receiving alarms from **IP panels**
MCDI SP is working with several manufacturers to integrate alarm signals from IP panels. JR Security panels will be integrated in the Extrium::CPU model in 2007.

RoHS Compliant

decrypta 4

Advanced design and ease of use are now available in an industry known for hard to configure black boxes. Decrypta 4, the first member of the Extrium family of receivers, brings integrated 2 way audio and IP output to the tip of your fingers with easy to use navigation menus. D4 is as easy to use and set if you are using one in a Guard booth or managing several in servers. This makes D4 one of the most flexible Alarm Receiver and it's backed by years of experience from D1, D2 and D3 as well as MCDI Security Products experience and innovative design in monitoring products. Available Q4 2007



Technical Specifications

At MCDI SP we think inside the box but what a box we made!



Raise integrated stand for easy reading in stand alone mode.



Flat for easy stacking and use of multiple D3 with inexpensive USB hub or IP router.

Remove outer cover for installation inside a PC or a server in a standard CD/HD slot

Listen-in and two way now integrated



D4 comes equipped with 3 ways to listen to the audio feed from supervised panels. Select the audio feed for connected headsets or integrated speaker or send the audio feed over IP to the SECURITHOR monitoring software. No more messy trunks of phone cables. Even if a Central manages several lines and several operator consoles, it is now easy to route audio from phone lines directly to the right operators PC. Listen-in and two way voice signals are converted by D4 and sent over the LAN by IP to the correct workstation processing the alarm in SECURITHOR. Response from operator is routed back to the phone line and to the supervised panel.

Alarm codes you can read

D4 gives you the raw alarm codes as they come in from the alarm panels but D4 recognizes more than 200 Contact ID pre-defined alarm codes and present those definitions on screen. This makes D4 ideal to use in Stand Alone supervision such as guard booths: no PC and software needed in most cases. Just read the contact ID alarm code definitions. The account number is also displayed separately.

Extended memory and logs

Even if there is no PC connected, D4 can process alarms and will pile up to 4000 events in a non volatile flash memory. Special features to clear, consult or resend memory logs are available. Logs are available as text files for statistical analysis.

Power management: 3 electrical sources



Not 1 but 3 power inputs with automatic fall over! From conventional AC-DC power adapter, from an external 12V batttery or from an internal lithium-ion battery, when one power source goes down, the other ones can automatically take over without any interruption to D4 functioning making D4 one of a kind receiver for remote installations.

Internal Lithium-Ion battery

D4 is equipped with a Li-ON internal battery to insure one hour of continuous operation during maintenance or in case of a power shut down. Battery management and remaining battery time are displayed on screen giving D4 the ultimate in power redundancy.

Dual Inputs: 2 phone lines and 2nd receiver.

D4 handles signals coming from 2 internal phone lines and from connected compatible Alarm receiver. D4 handles receiver formatted strings trough USB input from compatible units such as MCDI Decrypta^2 or low cost EXSA (coming 2007). Events can be broadcasted through D4 outputs with specific line numbers and receiver ID giving IP capabilities to legacy Alarm Receivers. D4 is equipped with 2 RJ11 phone line jacks. Alarms can be received on both lines simultaneously. Lines are identified with a line number (0 to 255) for the Monitoring Software.

Four Outputs: The ultimate redundancy.

D4 is equipped with 4 separate outputs: 1 USB,1 ethernet, 2 serials (flow control on S1). 1 output is set as main to handle acknowledge from the Monitoring software. All communications between outputs and peripherals are supervised and loss of communication is reported by D4. Every output can be sent to a different PC or a specific application in one PC. Heartbeat supervision on all 4 outputs is part of D4 management. Any missing heartbeat and loss of communication is signalled on screen and to the other 3 destinations.

Multi-lingual display

All configuration menus are available in French, English, Spanish, German or Russian. Alarm code definition are standardized in English and can be modified using configuration software on connected PC. Double-byte alphabets to be added in 2007.

DISPLAY: KEYPAD AND CONTINUOUS STATUS



Easy to use front display with 9 navigation buttons keypad for easy navigation. All Buttons are sealed for durability. Positive touch is confirmed by an audio tone. 256 x 64 graphical display in easy to read in white and blue. Status in permanent display on screen. Alert messages displayed on screen. Buttons and LCD are backlighted for night/low light.



Advanced functions such as IP configuration are part of AXE software configurator supplied with D4.

Remote diagnostic

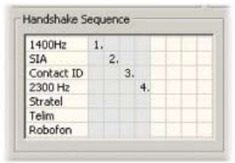
Integrated remote diagnostic function enables MCDI SP to troubleshoot and upgrade D4 units over IP when the unit is connected to the internet. A special 2 way secure procedure lets you enable this function only when you decide it and will only allow MCDI SP support personnel who will troubleshoot, configure or upgrade your unit even from the other side of the world. D4 also includes audio recording of handshaking with panels to troubleshoot marginal panels.

DRIVERS AND COMMUNICATION

USB drivers supplied for Linux, Macintosh, Windows 98, ME, 2000 and XP. Serial communication with DOS, Linux, Windows 95SE, 98, ME, 2000 and XP. IP communication in MCDI Catapult mode. MCDI SP IP receiver module included in SECURITHOR or supplied as MCDI SP Catapult module with virtual com port (windows 2000 and XP compatible).

Handshake selection: fast and faster!

D4 faster response to alarm panels permits more calls per phone line and less phone lines for the same account base. D4 gives you the most complete control over the handshake sequence in order to speed up the receiving process. Include only the formats you use and align them in the order you wish to speed up the handshaking process up to 50% faster. Selection process is individual to each line in order to have the most control over handshaking.



Special recognition functions presents panels with the right handshake to repeat callers. D4 remembers a panel first call and handshake. From second call, D4 will automatically presents the panel with the correct handshake at once thus speeding up the answering and maximizing the number of calls per phone line. If a panel is calling for the first time or when the caller is not identified, your personal choice of handshake is presented to the panel.

Compatible with most software on the market

D4 is designed to work best with MCDI SP **SECURITHOR** Monitoring software (coming Q4 2007) but most functions are available to current monitoring software such as MCDI WINSAMM and SAMM, Patriot, Microkey, SIS and Alarmsoft's CentralWorks.



ALARM PANELS SUPPORT

D4 receives nearly all brands of Alarm panels. From simple pulse to modem type SIA, D4 will handle the following formats on both lines simultaneously and independently:

Type:	Pulse, DTMF, FSK
Reception Speed:	10, 20, 40 pps DR / CS
Handshake and Kiss-off:	1400Hz /2300Hz/2225Hz
Pulse Frequency:	1800Hz / 1900Hz
Telim//Robofon:	1180Hz / /1100Hz
Acron	Radionics 6500
Ademco:	Radionics extended
- Slow/Fast;	Sescoa Slow, Super Fast
- Contact ID;	Sescoa Standard
- Extended;	SIA
- Express;	Contact ID
- High Speed	
CFSK,BFSK, VFSK	Silent Knight Slow
MCDI-Take-a-look	SurGard
FBI Super Fast	Napco Point ID
3x1	3x1 extended
4x1	3x1 extended compressed 4x2
4x1 extended	4x1 extended compressed 4x2
4x2	Zero removed 3x1, 4x1, extended.
Optex's Varitech	C&K: Bell 103A2 or CCIT (option)

For Germany and Scandinavia:Telim/ Robofon. Unit can be delivered Bell 103 or CCITT.
Caller ID service must be provided by Telco (Bellcore type 1) for Calling phone number to display.

Station Requirements

D4 can be configured and operated without PC. PC/OS requirements when connected: P2 500 MHz or more. 2GB, 64MB ram
IP audio: PC with SECURITHOR audio module.
IP reporting: Windows 2K, XP, Linux, MCDI Catapult module or SECURITHOR.
USB: available to Windows 98, ME, 2000, XP, Linux 2.6+.
Serial output: DOS , Windows 9x, Me, 2000, XP
Output and configuration: WIN 2000, XP and VISTA (with java JVM installed)
Output only: DOS, Windows 3.1, WIN 9x and ME, Linux

Printer wise: Made for USB printer!



D4 lets you use USB printers by buffering alarms in order to fill complete pages. A4, letter and legal formats can be selected. D4 comes equipped with 2 serial ports so you can use one for your monitoring software and the other for inexpensive and reliable Point of Sales thermal printers (USB or serial). With 4 outputs, you can also elect not to print but to keep a log on your PC with MCDI SP supplied logger. IP capabilities also means that you can send events to out of walls destination for logging when using internet connection.



Warranty

D4 is backed by MCDI SP 3 years limited warranty and MCDI SP legendary support. RoHS compliant versions are covered by a 2 years limited warranty. MCDI SP offers first line support in English, Spanish and French. D4 is designed for troubleshooting over internet by MCDI SP and programming upgrades are free during the warranty period.

Preliminary Specifications. Specifications can change without further notice. Please verify our web site regularly for the latest specifications.

d6 decrypta6

D6 is the best choice for dual reporting and 2 way voice

Where do you want your alarm signals to go?
With the unique ability to report to several destinations, D6 is the best choice for dual reporting from remote factory plants, embassies and regional monitoring to headquarters insuring not only tremendous phone saving costs but giving the opportunity to gather alarm signal information from anywhere in the world. Coupled with D6 abilities to work unattended and being controlled from distance, you get a truly unique professional receiver.



A workhorse for Central Monitoring Stations!
Get 6 phone lines in just one rack-mount unit for real space saving! With a processor for each 6 lines, 3 power sources for each D6 and unique MCDI SP Cognitum programming, you get real integrated redundancy you can count one, without the costs of big boxes.

Listen-in /2 way voice integrated and routed to Operators over IP is standard in D6. You get more tools for alarm verification without the high cost of PBX systems and you get the space saving of skipping wire trunks and telephony equipment. D6 audio IP is integrated in MCDI SP's SECURITHOR Monitoring Software to automatically route audio feeds to the operator processing the alarm.

Attention to details such as front service and fan-less design are part the the design of D6.

Attention to design with front service for live hot swap maintenance. Upgrades and support are handled over IP by MCDI SP Support staff. No mechanical parts for operation and fan-less design insure your receiver does not go down because of prone to break parts.

Out of the box operation: No factory technicians needed to set-up nor strange menus. Power up and you are ready to use most features.



RoHS compliance: Receivers for the EXTRIUM family are the only receivers RoHS compliant to Europe and Japan ecological electronic manufacturing directives. D6 does not contain lead, cadmium or PBB.

ARM processor and embedded linux to get fast, reliable computing without compromise.

MCDI **triple power redundancy**: AC feed, 12V DC battery input and internal one hour lithium-ion battery. All with automatic fall-over for the best uptime even during major power outage.

Highest memory available on the market: 64000 events are kept in buffer and stored for back-up on removable SD card.

Advanced Signal reporting
D6 programming is based on MCDI SP Cognitum. Cognitum stands for knowledge and D6 will let you report alarm signals nearly everywhere you want. D6 is able to get alarm signals to several destinations over serial, usb and IP ports allowing back-up Centrals to take over and signal logging to a remote building. 32 destinations (over IP) can be programmed in D6.

Integrated **fall over/heartbeat** management
When a destination does not send acknowledge of an event, D6 Cognitum programming automatically sends events to alternate destination. An alternate Control Room can take over when main Control Room does not send acknowledge.

With Cognitum unique fall over signal management you can insure the best uptime to your dealers and subscribers.

This unique ability to report to several destinations makes D6 the best choice for dual reporting from remote factory plants, embassies and regional monitoring to headquarters insuring not only tremendous phone saving costs but giving the opportunity to gather alarm signal information from anywhere in the world. Coupled with D6 abilities to work unattended and being controlled from distance, you get a truly unique professional receiver.

Integrated listen-in/2 way audio.
Each time D6 recognizes a listen-in or 2 way audio code such as Contact ID E606, the phone line is kept open to allow communication between operator and subscriber trough compatible alarm panel. This is one of the least costly way to check for false alarms. Audio from the phone line is routed on LAN over IP to the operators headset for bi-directional audio communication. When used with MCDI SP **SECURITHOR**, this routing is made automatically insuring the audio signals gets routed to the operator currently processing the alarm signal. No high cost PBX or transfer system needed and a lot of space saving. Phone client integrated in SECURITHOR ST1 and network versions. IP phone client (Win XP, Vista) supplied

PERS at low cost.



Multiple destination reporting, 2 way voice/listen-in to IP audio make D6 the best package for any Central who wants to go into PERS Personal Emergency System monitoring without encountering the costs of PBX and transfer systems. D6 audio IP format is compatible with SECURITHOR from MCDI and delivered with windows phone applications. Operators can link to alarm lines and talk through headsets connected in their PC's sound cards.

Automation software Compatibility
D6 is compatible with most Automation Software on the market including **SECURITHOR**, SAMM, WINSAMM, Patriot, Bold, SIS, SIMS, Centralworks. Reporting to Automation software in MCDI, MCDI enhanced, SG MLR2, MRL2000 modes. Supports 3 digits line numbers and 3 digits receiver numbers in MCDI and SG enhanced modes.

Receives most alarm protocol on the market from Pulse to SIA.

LCD display
D6 provides on screen readout of alarms using standards Contact ID and SIA tables. Tables can be defined by CMS to adjust to particular codes using supplied windows interface for configuration of D6.

Status of most important parameters available on front LCD at all time. Heartbeat, lines status, dead line detection, power sources are all reported on front graphic LCD. Buttons and LCD are backlighted for night/low light operation. Internal temperature sensor alerts you of temperature warning especially in close rack operation or when running in tropical climates.



Based on MCDI Security Products Generation 3 programming, all line card have tuning possibilities to get a fast handshake with panels. Most parameters configurable by front panel. All parameters configurable by connected Windows computer over IP.

Remote upgrade and control
Upgrades and support are easily done by MCDI SP support staff over IP. With small form factor, operation and signal redundancy, D6 can be installed at remote location for multi-city Monitoring. Configuration over IP using VPN or SSH access.

Remote diagnostic
Integrated remote diagnostic function enables MCDI SP to troubleshoot and upgrade D6 units over IP when the unit is connected to the internet. A special 2 way secure procedure lets you enable this function only when you decide it and will only allow MCDI SP support personnel who will troubleshoot, configure or upgrade your unit even from the other side of the world.

MEMORY and logs
D6 comes equipped with the largest buffer in the industry: 64000 events for 6 lines! Logs are also available and stored on SD card located at the back of unit. SD card can be substituted and increase for larger log keeping. Logs are available for download over IP as text files. Windows compiler supplied for easy descriptive stats and analysis of traffic such as number of calls per line and distribution in time.

Connectivity
D6 output to CMS software using Serial output (flow control) or IP. Multiple D6 can be connected to IP HUB/switch) connected to Server/PC of CMS software such as SECURITHOR.

Connected Station Requirements
D6 can be configured and operated without PC. PC/OS requirements when connected: P2 500 MHz or more. 2GB hard-drive, 128 MB ram, windows 200, XP or Vista.
IP audio: PC with SECURITHOR audio module.
IP reporting: Windows 2K, XP, Linux, MCDI Catapult module or Cybersamm.
USB: available to Windows 98, ME, 2000, XP, Linux 2.6+.
Serial output: DOSs , Windows 9x, Me, 2000, XP
Output only: DOS, Windows 3.1, WIN 9x and ME, Linux
Output and configuration: WIN 2000 & XP (with Java JVM installed)

Dimensions
Standard one rack-mount unit 19 inches x 1.75 inches.
Aluminium, anodized finish. Weight: 6Kg. Shipping weight 9.4Kg.

Especificaciones preliminaresdas especificaciones pueden variar sin previo aviso. Por favor verifique nuestro sitio web para tener siempre la última información

MCDI SECURITY PRODUCTS

RoHS Compliant

extrium ::db

OUR MOST ADVANCED DESIGN AND PROGRAMMING. EXTRIUM::DB - for database- gets all the features of the EXTRIUM family plus an integrated 4000 accounts database to decode and display alarm information on front display. EXTRIUM:: DB caters to the Central who wants an extreme alarm receiver and it also finds it's place in a Guard booths, hospital wards, factory floors and police stations. No PC required for stand alone information as you get alarm codes description, account info and action to take in plain text! Add to this the innovative design and redundancy features of the EXTRIUM family and you get new extremes in alarm receivers. Available Q1 2008



Technical Specifications

At MCDI SP we think inside the box but what a box we made!



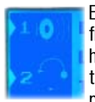
Raise integrated stand for easy reading in stand alone mode.



Flat for easy stacking and use of multiple D3 with inexpensive USB hub or IP router.

Remove outer cover for installation inside a PC or a server in a standard CD/HD slot

Listen-in and two way now integrated



Extrium comes equipped with 3 ways to listen to the audio feed from supervised panels. Select the audio feed for connected headsets or integrated speaker or send the audio feed over IP to the SECURITHOR monitoring software. No more messy trunks of phone cables. Even if a Central manages several lines and several operator consoles, it is now easy to route audio from phone lines directly to the right operators PC. Listen-in and two way voice signals are converted by EXTRIUM and sent over the LAN by IP to the correct workstation processing the alarm in SECURITHOR. Response from operator is routed back to the phone line and to the supervised panel.

Alarm codes you can read

EXTRIUM:: DB is equipped with an internal 4000 accounts database you can build on a PC or in **SECURITHOR** and upload to EXTRIUM::DB. E::DB displays alarm code information, account info and action to take right in front of the LCD display so staff such as guards can take action on a signal right without having to consult monitoring software or rolodex cards. This database can be uploaded by a Central IT department at will.

Extend database with SECURITHOR

EXTRIUM::DB units can be connected to a SECURITHOR'S SQL database instead of EXTRIUM's internal database. Each alarm signal is then matched to ST database so each signal gets account, alarm codes and action information from ST virtually unlimited SQL database. IT department will find it easy to manage.

Power management: 3 electrical sources



Not 1 but 3 power inputs with automatic fall-over! From conventional AC-DC power adapter, from an external 12V battery or from an internal lithium-ion battery, when one power source goes down, the other ones can automatically take over without any interruption to EXTRIUM::DB functioning making Edb one of a kind receiver for remote installations.

Internal Lithium-Ion battery

EXTRIUM is equipped with a Li-ON internal battery to insure one hour of continuous operation during maintenance or in case of a power shut down. Battery management and remaining battery time are displayed on screen giving EXTRIUM the ultimate in power redundancy.

Dual Inputs: 2 phone lines and 2nd receiver.

EXTRIUM:DB handles signals coming from 2 internal phone lines and from connected compatible Alarm receiver. EXTRIUM::DB is equipped with 2 RJ11 phone line jacks. Alarms can be received on both lines simultaneously. Lines are identified with a line number (0 to 255) for the Monitoring Software.

You can add lines to EXTRIUM::DB by adding our low cost EXSA receivers and integrated all of them in a server or PC for easy management. EXTRIUM:: DB will also handle outputs from compatible legacy alarm receivers.

Up to five Outputs and 32 IP destinations: The ultimate redundancy.

EXTRIUM::DB is equipped with 4 separate outputs: 1 USB,1 ethernet, 3 serials (flow control on S1). All heartbeat and acknowledge management are handled by internal Cognitum programming for logging signals at several destination (multi-site reporting) or for handling fall-over of alarm signals. When one destination does not send acknowledge, alarm signals are automatically routed to alternate destination. Up to 32 IP destinations can be defined in EXTRIUM:: DB making sure no alarm signals is left unattended.

Multi-lingual display

All configuration menus are available in French, English, Spanish, German or Russian. Alarm code definition are standardized in English and can be modified using configuration software on connected PC. Double-byte alphabets to be added in 2007.

Getting old receivers back in the game.

Edb can bring a new life to an old receiver. Edb is equipped with 2 serial ports for handling outputs from older receivers reporting in Sur-Gard, Ademco 685 and MCDI formats (SG, OH Quickalert, Ademco 685, MCDI SATLR+, D1 and D2). Edb 2 serial inputs can extend Edb capacity up to 30



lines with Edb reporting management and ability to send alarm events from those old receivers over IP.

Edb extends display features to connected receivers giving you legible alarms from a legacy receiver.

Internal receiver: 2 phone lines
Edb is equipped with a MCDI SP Generation 3 Exprecium board. Next generation Exprecium D will also fit in Edb cases. Also available without internal receiver on special order.

RoHS compliant

All members of the EXTRIUM family are RoHS compliant for Europe and Japan. MCDI supports ecological choice in electronics and is manufacturing without lead, cadmium or PBB.

Memory

64000 events are stored in Edb. Equipped with a removable SD card for backup and logging. Log memory can be extended by increasing SC card size.

Working design

Several design choices make Edb the best design available in the Security Industry.

The EXTRIUM box





At MCDI, thinking inside the box means we make special boxes that can be used several ways. Edb outer cover includes a stand for raised or stackable position as a desktop unit. Remove outer cover and Edb can be used inside a PC or a server because it's the exact form factor of a CD unit/hardrive unit. Exactly what you need for operation in a server colocation rack or a remote unattended location. PC standardized screws on sides make also to easy and secure fixing in a guard booths or factory plants.

Fan-less design and no mechanical moving parts for operation ensure you get the most uptime. EXTRIUM was designed with remote unattended operation in mind.

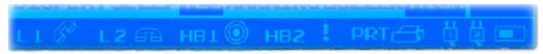
No springs buttons: Edb buttons are sealed and incorporated in front membranes. All buttons and LCD display are backlighted for night operation.

Neat anodized finish -RoHS compliant.
Acrylic removable outer box cover.

DISPLAY: KEYPAD AND CONTINUOUS STATUS



Easy to use front display with 9 navigation buttons keypad for easy navigation. All Buttons are sealed for durability. Positive touch is confirmed by an audio tone. 256 x 64 graphical display in easy to read in black on blue. Status in permanent display on screen. Alert



messages displayed on screen. Buttons and LCD display are backlighted for night/low light operation.

Advanced functions such as IP configuration and DB uploading are part of AXE software configurator supplied with EXTRIUM::DB: and require a windows XP/Vista PC over IP for configuration/uploading. PC not required for alarm receiving or stand alone operation.

Automation software

EXTRIUM::DB is design to work at his best with SECURITHOR from MCDI SP for audio and database integration. But it's also compatible with most Automation Software on the market including SAMM, WINSAMM, Patriot, Bold, SIS, SIMS, Centralworks. Reporting to Automation software in MCDI, MCDI enhanced, SG MLR2, MRL2000 modes. Supports 3 digits line numbers and 3 digits receiver numbers in MCDI and SG enhanced modes.



Printer wise: Made for USB printer!



EXTRIUM lets you use USB printers by buffering alarms in order to fill complete pages. A4, letter and legal formats can be selected. EXTRIUM comes equipped with several ports so you can use one for your monitoring software and one to inexpensive and reliable Point of Sales thermal printers (USB or serial). With 4 outputs, you can also elect not to print but to keep a log on your PC with MCDI SP supplied logger. IP capabilities also means that you can send events to out of walls destination for logging when using internet connection.



Warranty

EXTRIUM is backed by MCDI SP 3 years limited warranty and MCDI SP legendary support. RoHS compliant versions are covered by a 2 years limited warranty. MCDI SP offers first line support in English, Spanish and French. EXTRIUM is designed for troubleshooting over internet by MCDI SP and programming upgrades are free during the warranty period.

Available Q1 2008 at selected MCDI SP power centres as::
EXTRIUM::DB CPU with 2 phone lines receiver/integrated audio
CONCENTRATOR CPU without integrated receiver/audio.
All units RoHS on demand.

Preliminary specifcations. Subject to change without further notice.

SECURITHOR

SECURITHOR, MCDI Security Products new Monitoring Software is coming soon. From the legacy of making SAMM and WinSAMM for more than 10 years, we are now presenting a completely new Monitoring Software built on the power of SQL. Alarm processing will never be the same with new features such as WAM-Web Access Module, Operator's alertness check or Multi-site operation.



With more than 10 years of making Monitoring Software, we concentrated on small details to fine tune the alarm processing section and global experience with new workspace for operators, sharper processing and all new widgets such as predefined comments, auto fill and direct one step navigation between menus to speed alarm processing. Add to this a more comprehensive account management and the power of SQL to make enhanced reports and you will experience a new summit in Monitoring Software.

Single station version available August 2007. Network version January 2008 and Multi-site version in 2008.

Languages
SECURITHOR speaks several languages*! Available in English, Spanish, Arabic, French, German, Greek, Italian, Lithuanian, Portuguese and Russian.
*Some languages not available for initial release or OEM/language specific versions

SQL power! Strength and Stability
SECURITHOR database is managed by a PostgreSQL engine. With this new SQL database and the use of new programming tools, we can now add features in SECURITHOR that we could not dream of before. Now standard in SECURITHOR, you will find resizable windows with position memory for each operator's workspace, training mode for new operators, auto fill and prewritten comments. New features will surely contribute to a faster and more standardized operation in the Central. Other standard features include the Operator's alertness check, a timer for each alarm signal processing as well as a large comprehensive bank of reports.

NO COSTLY SQL LICENSE!
SECURITHOR uses PostgreSQL. This reliable SQL database has been around for 15 years and is available for free. Contrary to other CMS software, you don't need to add a pricey Microsoft SQL or MySQL that would double the price of your CMS software.

MADE FOR WIN 2000, XP and VISTA
Securithor is made for Windows XP and ready for VISTA, Microsoft new OS in preparation. Our developers routinely check SECURITHOR with Microsoft beta of VISTA to insure full compatibility when VISTA is released by Microsoft.

Built on the power and strength of SQL

Main standard features
No logical limitation on number of accounts.
List of alarm codes customizable per account.
Automatic emailing customizable for each account and alarm code.
Long email addresses accepted
Automatic logging of alarm when enabled.
Completely automatic operation possible.
Up to 10 working schedules.
64 partitions per account supported
10 digits account numbers support
Automatic daily back up
Operators alertness check.
Operators processing timer.
Redundant fast hot keys/mouse for fast operation
Easy operator switch.
Supports Microsoft USB fingerprint reader.
Operation by any authorized station on network.
Resizable windows
Favorite window placement memory for each operator.
Customizable sounds
Opening/Closing support with grace period.
Armed/disarmed status at all time
Incoming signals queued by priority scheme.
Heartbeat support.
Flexible test periods: 1...999 hours with delay option.
Notification of missing auto test reports.
Visualization of PDF file for each account.
Import/viewing of 12 JPG images for each accounts.
Map tab for each account

MINIMUM REQUIREMENTS
SINGLE STATION
- Pentium 4 and up speed 1.2GHz and up.
- Memory 256 MB for Windows XP (512MB suggested).
- Display 1024 x 768 and up (video card 128MB+).
- Windows XP tested, recommended and supported.
- Windows VISTA ready
- HD: 200 MB basic (actual capacity depends on traffic and DB size)
- Internet needed for some functions like emailing, WAM. Recommended for support.

NETWORK VERSION
SERVER
- Pentium 4 and up Speed 1.5GHz and up.
- Memory 512 MB, 1GB suggested
- No OS required. Linux OS distribution supplied and mandatory.
- Ethernet port 10/100MB

SECURITHOR supports AMD 64 bit processor and Intel Dual core processor among others.
Requirements stated for minimal operation. Minimum should be adjusted according to experienced traffic. Consult MCDI SP support with more information on your Central's operation.

WORKSTATIONS:
- Pentium 4 and up 1.5GHz and up
- Memory 256 MB for Windows XP (512MB suggested).
- Display 1024 x 768 min (video card 128MB+)
- Windows XP tested, recommended and supported.
- Windows VISTA ready
-Ethernet port 10/100

SECURITHOR configuration levels

SINGLE STATION:

Model	Accounts	Station	
Trial 1 month	Unlimited	1	
ST1	Unlimited	1	no time limit

NETWORK VERSION
Unlimited accounts. All configurations require SECURITHOR SERVER

Model	
STServer	**SECURITHOR SERVER**
STW1-2-3-4	Workstations 1-4 (**ea.**)
STW5..n	**Workstations 5+**

Modules

EP1	**Extra pack 1** Statistical package, 2 way audio integration (Extrium to ST), Alarm mapping
EP2	**Extra pack 2** Video module
WAMserver	**WAM Web Access Module**

Receiver supported
SECURITHOR supports all receivers using either:
MCDI IP, MCDI native, MCDI enhanced, Sur-Gard MLR2 (radionics format), MLR2000, System 3 or Ademco 685 formats.
Additional reporting formats (KP, Silent Knight, MX8000, KP Electronics) to be added Q4 2007 and 2008.
Alarms over SMS support using Sony Ericsson GM28-29-47-48 GSM modems with selected SMS formats.

Number of Receivers per Station
4 different receivers can connect to ST1.
16 receivers can connect to STserver. Additional receivers require a dedicated STserver separated from SECURITHOR's database server.

Backed by MCDI SP legendary support
Support during initial installation and troubleshooting during one year limited warranty during MCDI SP extended business hours in English, French and Spanish. SECURITHOR is also supported in other languages by a large network of 40 dealers around the world. Emergency support line available after hours in English and Spanish.

SPECIAL OFFER TO UPGRADE

WinSAMM licenses purchased from April 2006 to August 2007 are eligible for a free upgrade to SECURITHOR, a 200 USD savings** over the price of SECURITHOR. Check with your local dealer for special upgrade prices for SAMM and WinSAMM license owners or MCDI SP sales department mcdi@mcdi.com +514-481-1067.

Getting from SAMM/WINSAMM to SECURITHOR
Migration from SAMM or WINSAMM is part of SECURITHOR. From SECURITHOR's installer, you simply select option to convert and a few seconds later your database is integrated within SECURITHOR while a back-up is made automatically.

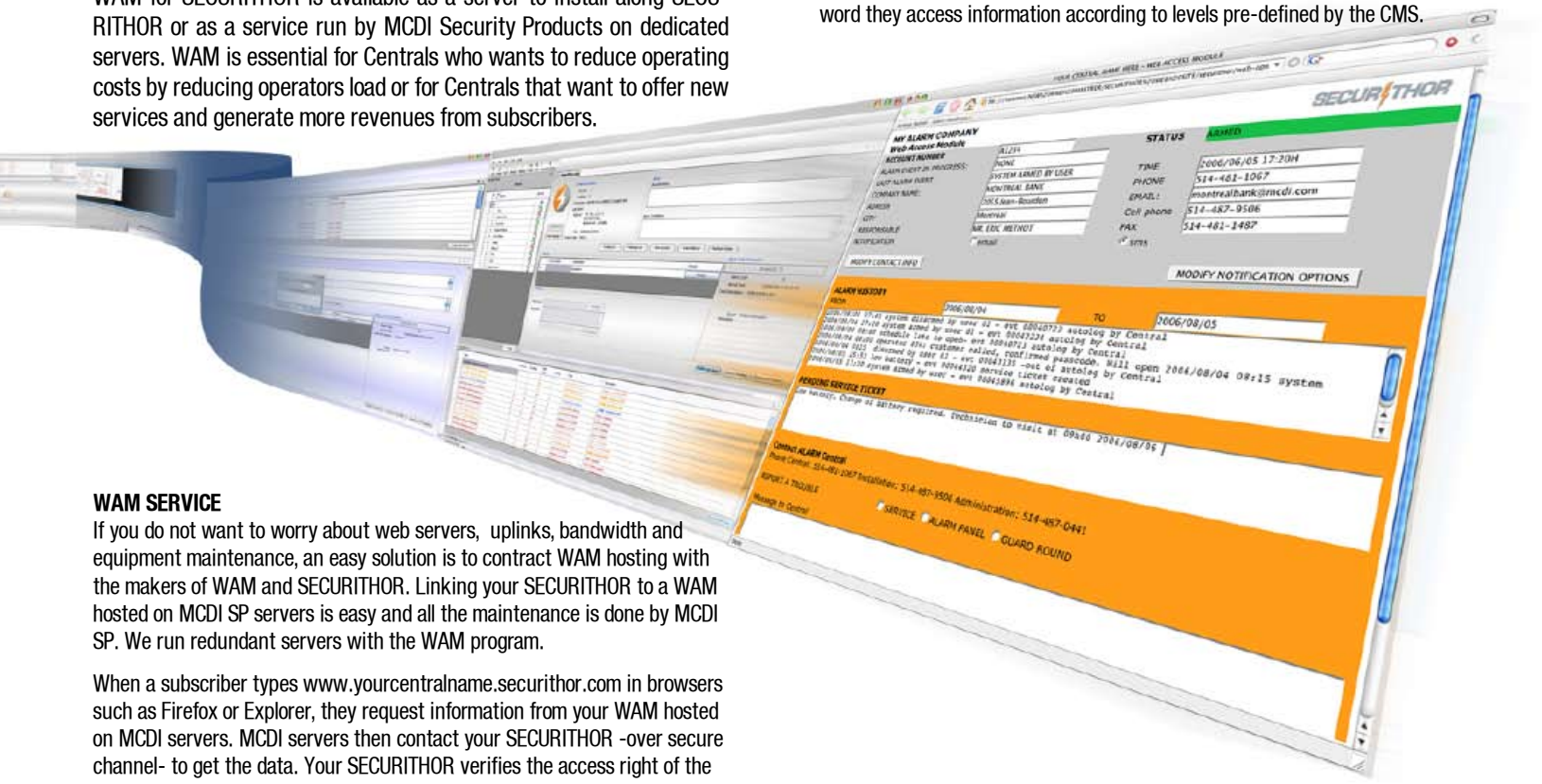
** offer not valid for OEM versions and language specific versions.

Check out our new web site on August 8th 2007:
www.securithor.com

Web Access Module para

WAM-SECURITHOR

WAM - Web Access Module is a key option for SECURITHOR from MCDI Security Products. With WAM, your subscribers, dealers/installers and key CMS staff will access some of SECURITHOR data and functions over the web via a normal web browser such as Firefox of Explorer. WAM for SECURITHOR is available as a server to install along SECURITHOR or as a service run by MCDI Security Products on dedicated servers. WAM is essential for Centrals who wants to reduce operating costs by reducing operators load or for Centrals that want to offer new services and generate more revenues from subscribers.



What will WAM do for each user?

Subscribers can access reports, know if their system is armed or the status of a service ticket. They can modify part of their contact info or service options if you elect to let them. Subscribers access WAM by typing www.yourcentralname.securithor.com in a regular browser. By entering their user id and password they access information according to levels pre-defined by the CMS.

WAM SERVICE

If you do not want to worry about web servers, uplinks, bandwidth and equipment maintenance, an easy solution is to contract WAM hosting with the makers of WAM and SECURITHOR. Linking your SECURITHOR to a WAM hosted on MCDI SP servers is easy and all the maintenance is done by MCDI SP. We run redundant servers with the WAM program.

When a subscriber types www.yourcentralname.securithor.com in browsers such as Firefox or Explorer, they request information from your WAM hosted on MCDI servers. MCDI servers then contact your SECURITHOR -over secure channel- to get the data. Your SECURITHOR verifies the access right of the subscriber and returns the information for the subscriber to view in a web page.

All this is done as fast as normal web browsing because most of the load is handled by MCDI's servers not by your SECURITHOR. Of course it helps to have fast internet links between the CMS and MCDI but regular ADSL links will do the job for normal traffic.

Each Central who contracts WAM with MCDI gets a share of the server space. Each Central runs a distinct WAM application and connects only to his own share. Upon need, a Central can be installed on a dedicated server.

MCDI SP servers are hosted in a secure data centre in Montreal Canada with controlled access, redundant electrical and air conditioning feeds.

For superior connectivity to the internet, our servers are linked to several high quality carriers such as Peer 1, Teleglobe, Cogent and Level3. This insure the utmost uptime and very fast service all around the world. Our goal is zero downtime.

WAM service is backed by MCDI SP legendary support and a warranty of 99% monthly uptime.

Getting WAM as a monthly service is a nice way to validate if it's a service you want to offer to your customers and if they appreciate it without making a commitment to a WAM server. Available MARCH 2008

Dealers and installers only have access to their own accounts. They have the same access as subscribers plus the ability to get more reports such as traffic from the last day or the complete history of specific accounts. They can change several information of subscribers accounts such as contact info, alarm codes and manage service tickets. They can check which of their accounts are armed or disarmed at any given time. They can see the list of service tickets by customer, by group of customer or for all their accounts. Service tickets can be flagged as in process, completed, cancelled or postponed. They can make notes to customer history. They can't process alarms or modify an account that is already being treated by the CMS.

CMS staff have the ultimate level of access in WAM. They can do everything the dealers and installers are able but they also have a special window to monitor some of the key indicators of the Central. They get special reports from the Operator awareness checks and can see indicators of the alarm traffic.

SQL strength and speed Using WAM with SECURITHOR is possible because SECURITHOR's database is SQL based and handled by a very strong and fast SQL engine, PostgreSQL. Numerous requests can be handled by SQL at the same time and speed of SQL engines will insure your Central is not slowed down by request from the web. Priority of computer processing is always given to Central's operators first.

MSP products are also available at the following distributors and retailers:

ARGENTINA

DIALER SEGURIDAD ELECTRONICA SRL
La Rioja 827 (C1221ACG)
Buenos Aires, Argentina
Tel. +54 (011) 49323838
info@dialer.com.ar

FIESA S.R.L.
Av. De Los Incas 4154/56
(C1427DNT) Capital Federal
Buenos Aires Argentina
Tel (54 11) 4551-5100
ventas@fiesa.com.ar
r

BENELUX
Rimex Kelmis
Route de Liège 245
B – 4720 La Calamine
Tél.: +32 (0)87 63 92 50
jtoussaint@rimex.be

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Santa Cruz, Bolivia
Tel.:(591) 3 339-7777
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gerencia@telemergencia.com.bo

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ventas@mcdi.com

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LOS LEONES 3043
NUNOA - SANTIAGO
CHILE
TEL: (562) 246 5800
artilec@artilec.cl

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Transversal 24 No 60A-25 Bogotá D.C
Teléfonos: 571 3106483
info@tessacol.com

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Sabana Norte,
Edificio ICE 200 Norte 100 Este
San José, Costa Rica
TEL: (506)290 4604
edgar@intradeabc.com

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