



What is SECURITHOR?

SECURITHOR is the best solution for your monitoring no matter if you have a guard booth, an industrial site, an office building or a 50,000 sites confirmed Central Monitoring Station.

SECURITHOR allows enterprises to monitor their own sites or to supervise sites of others by running Central Monitoring Stations.

MCDI Monitoring products are used in more than 70 countries since 1994. Our products are present in more than 9000 installations worldwide. From a core version, you can add many features to fit your needs.

Technology

With a SQL foundation, SECURITHOR is developed with the latest Microsoft tools to insure utmost compatibility. We are reaching for 4 **S**: **S**trength, **S**tability, **S**afety and **S**peed.

Programming languages such as C# and web framework like Angular are at the forefront of technology.

We constantly update our interactions with third part manufacturers to bring you up to date communication with devices such as alarm panels, cameras, DVR and smartphones.

Features

SECURITHOR is packaged with so many features! We constantly add some based on our customers feedback and consultations with various manufacturers.

Many are easy to spot like Click To Dial or APS X Help Button. Others are simpler but made to make your life easier and your operation more profitable.

This brochure shows you some. Contact us to get a demo and get the full experience of our Software products and Alarm Receivers.

Who we are

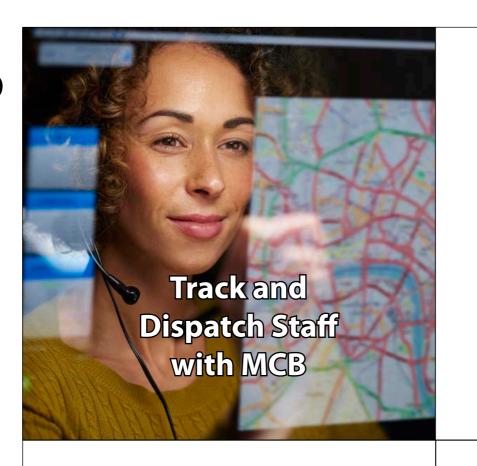
SECURITHOR, MCB and DT42 are backed by MCDI, makers of Alarm Receivers and Monitoring Software since 1994.

Based in Montreal Canada, we are still under original management and grow with a network of distributors and resellers around the world. Several are with us for more than 20 years.

We revolutionized the security industry by proposing new solutions during each decade. We continue innovating to bring you the best at affordable prices.

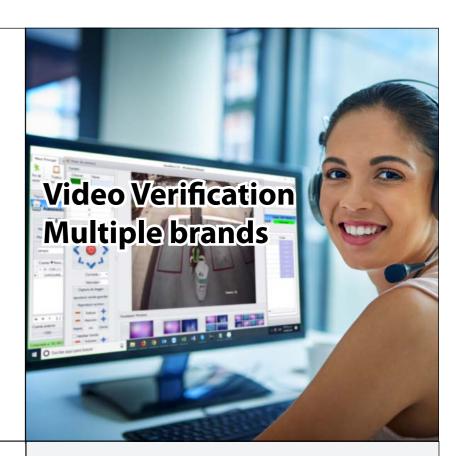
SECURITHOR MISSION CONTROL BOARD Main Features

No matter how you use **SECURITHOR** and its Track and Dispatch solution **MCB**, they are sure to be useful for you.



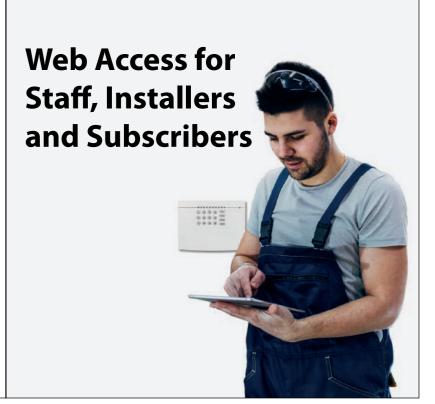


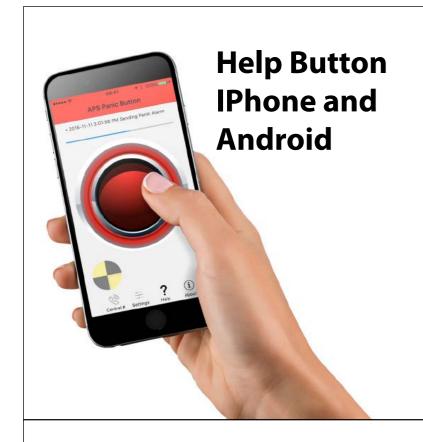




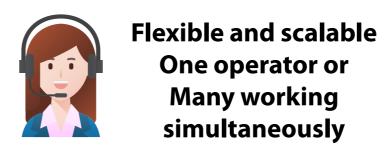




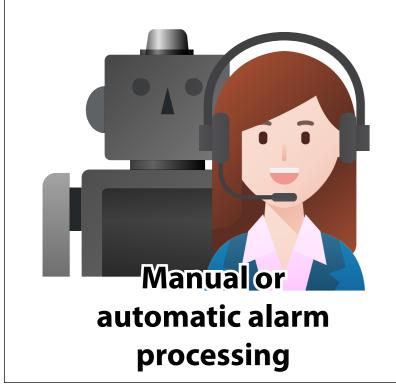


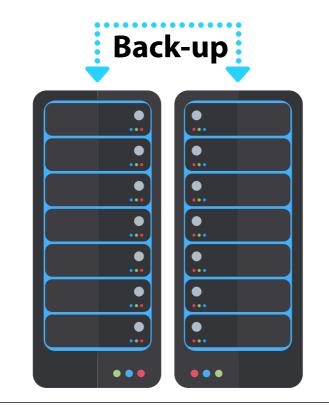














and features that give your more

Scalable from 50 to 50,000 accounts Operation by a single person or multiple operators Supports Multiple protocols Connect most Alarm Receivers on the market **Holiday Schedules** Grouping of accounts Restrict access for specific users Tailored rights per operator Pre-written intervention comments Alarm code templates Installer test tool Emails and SMS to subscribers Per operator custom desktop **Operator Audit trail** Track and Dispatch Workforce Connection to various servers Automatic mode without attending operator Multiple opening and closing schedules per day/account Alternative incoming alarm signals: email, sms, voice mail.

Add-on modules to enhance your SECURITHOR:

APS: Help Button for iPhone and Android

APS+ with Rendez-vous management

Click to Dial: automatic phone dialing by clicking on screen

MCB: Mission Control Board to track and dispatch staff

Weboperator: view account remotely via web pages

Follow us in this brochure for much more or contact MCDI at securithor@mcdi.com +514-481-1067 to get a personalized SECURITHOR guided tour.

SECURITHOR trial available from securithor.com

Joining people in SECURITHOR

The Network Edition

If you need several persons to handle alarm traffic or data entry simultaneously, SECURITHOR Network Edition is your choice. SECURITHOR Network works like SECURITHOR ST1 with the benefit of having many persons working with SECURITHOR database simultaneously.

Scalable

It's easy to grow from a single station to Network as databases are compatible. Add workstations to your SECURITHOR Network Edition when your monitoring needs grow, without downtime.

SECURITHOR Network Edition is powered by PostgreSQL, a powerful SQL engine supported for more than 25 years by a large community of developers. But the best part is that it is free to use so you do not have to add a pricey Microsoft SQL or MySQL license.

No need to add a server OS. Save hundreds of dollars by running SECU-RITHOR on Windows 10 pro. But it you prefer, SECURITHOR will also work on Windows 2012, 2016 or 2019. MCDI uses Microsoft made development tools to insure the utmost compatibility.

More in the Network Edition

Several features are added to the Network Edition such as routing filters, ability to transfer an alarm to another operator and the STM Mobile Smartphone Viewer for Supervisors.



Advanced features for the Network Edition

Live Backup: 2 SECURITHOR servers with failover. Plus load balancing of report tasks between servers.

Integration with Odoo CRM available in cooperation with our Odoo Gold partner AARSOL. Have your SECURITHOR and Odoo CRM talk to each other: account data is exchanged between both. No need to retype data.

Routing filters. Send selected signals to specific operators





Perfect For Industries and Institutions

Pharmacy chain, Chemical plant, School Board, Utility Company? Yes, SECURITHOR works for security departments who want to keep monitoring or guarding internal.

Features such as video verification or staff tracking are easy to use with SECURITHOR. Standard Operating Procedures can be defined per site, zone or alarm code.

Dispatch your own response team

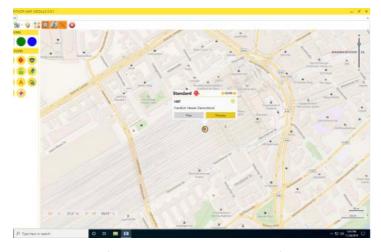
Your team is more accurate as your staff is trained specifically for your business. They are also dedicated to your enterprise and confidentiality is higher as they are your own employees. It's possible to dispatch them where you need them with MCB the Mission Control Board, no matter if you use it with SECURITHOR or as stand alone.



MVP Module for Industrial use

MVP is not only your Most Valuable Player. It is Map View and Plans for SECURITHOR. It keeps alarm processing simple. It starts with blinking dots on a map so your staff grasp alarm response easily without the extensive training of an ARC operator. Just zoom in and follow on screen indications to get more info on the alarm signal.

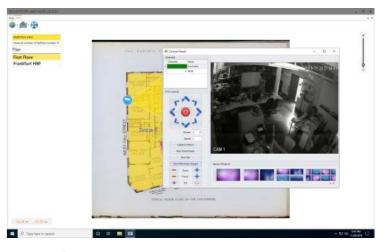
Get additional camera views and information showing on floor plans as MCDI camera viewer can be integrated with plans. In cooperation with technological partner PROG 1.



View alarm sites from the map. Zoom in or click for more options



Site descriptions brings more info, beyond the usual alarm view



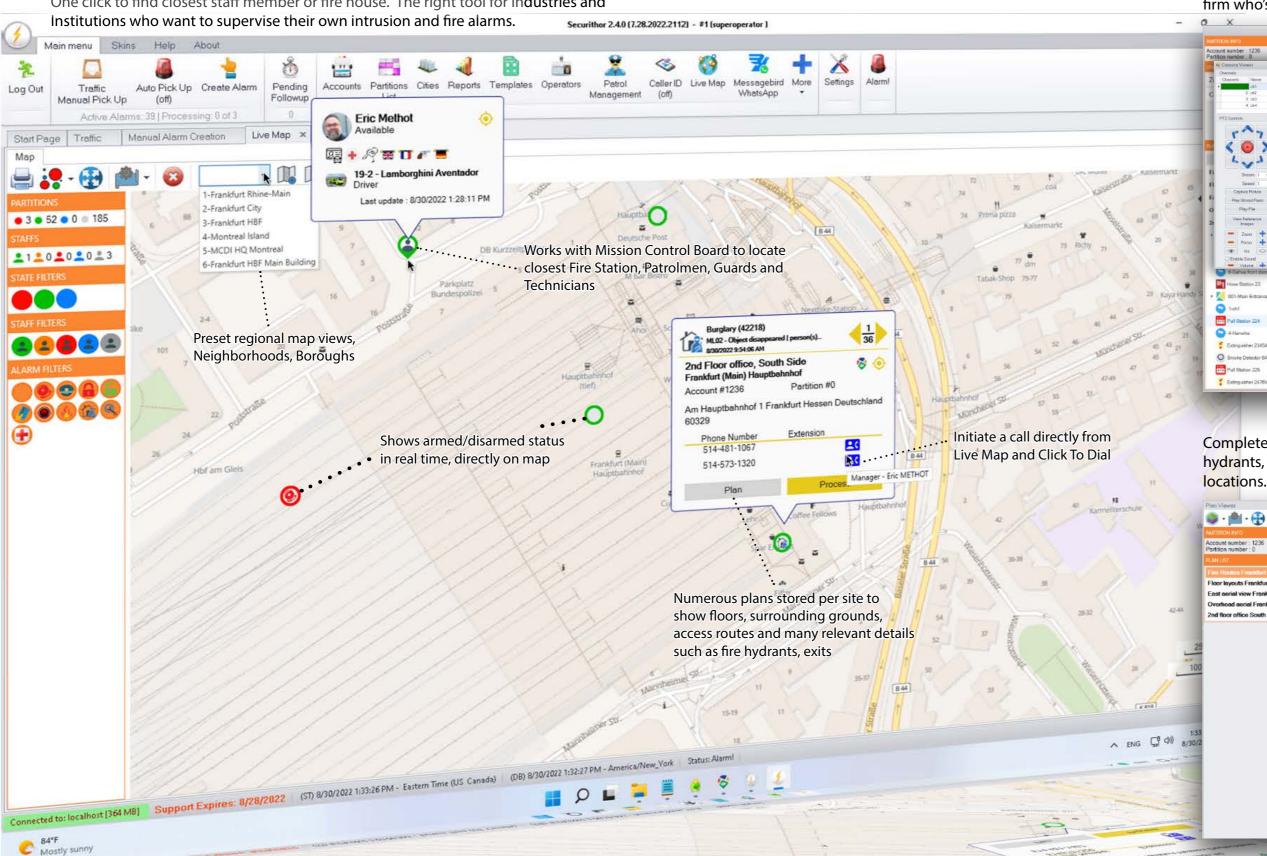
From the floor plan, you know camera locations and access views

MVP Map View and Plans

MVP proposes an easy to grasp, intuitive way to respond to alarm and fire events.

Clear icons show types of alarms and which site is armed or disarmed.

One click to find closest staff member or fire house. The right tool for industries and



All the information you need to provide the best response for intrusion or fire alarms. From Live Map, open corresponding plans stored for the site. Zone or Pull Station location blink and all relevant info is available: detectors, entrances, extinguishers, exits, foggers, etc...

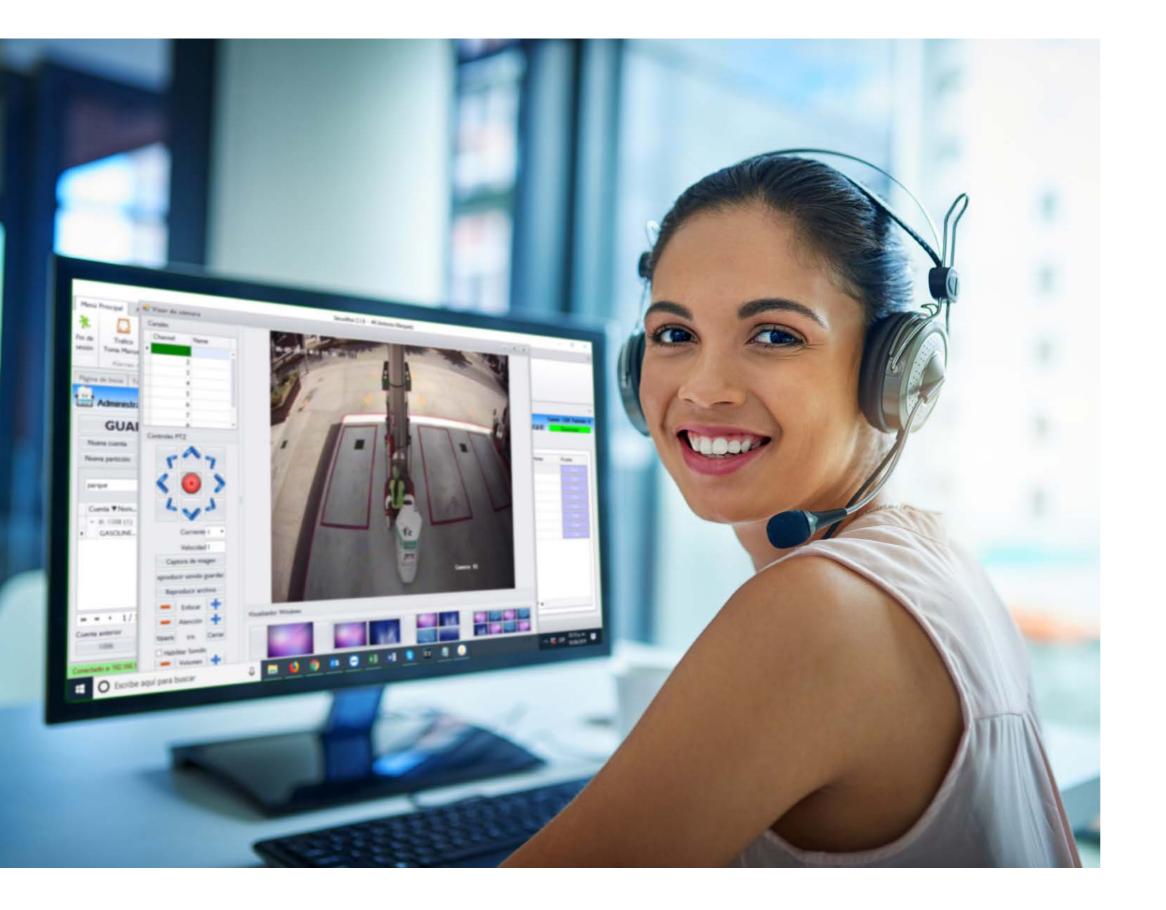
Camera coverages are drawn on plans. Open the camera viewer from the plan to confirm who's on site, if a burglary is in progress, or smoke presence and fire propagation.



Complete info on fire alarms from plans: locations of pull stations, smoke detectors, hydrants, extinguishers, evacuation assembly points, fire stations, dangerous materials locations. As well as verification of smoke points and propagation from cameras.



VIDEO VERIFICATION



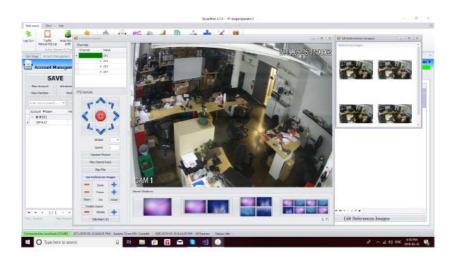
Reduce false alarms by adding Video Verification to your SECURITHOR.

.Connect and Control cameras directly from Monitoring Software

.Send first responders faster and more accurately

.Record video to back and prove your interventions

.Use DVR/NVR to trigger local devices: sirens, lights, fog machines, open gates



Why CMS over VMS?

Instead of watching dozens of screens or to rely on fuzzy and costly analytics, go for Video Verification with SECURITHOR. Video verification is a faster and more reliable way to supervise sites as it benefits from larger variety of sensors and devices.

Stop checking video cameras all the time. Verify them when alarm sensors tell you to do it. SECURITHOR Video Verification saves staff, equipment and bandwidth.

It provides a much faster response time as your first response does not depend on bandwidth.

VIDEO VERIFICATION

Open video streams automatically

Every alarm signal can trigger viewing of a remote camera or dvr, sometimes with automatic connection.

Reference images

CAM+ module adds reference images to the MCDI viewers. Easy to verify what the image should look like, or if it's an employee in the picture, etc...

Record video feeds in Securithor

Operator can keep video recording for proof of intervention. Recording is tied to the alarm signal for easy search

Control cameras remotely

MCDI viewers allow control over zoom, focus, iris, PTZ, 2 way voice. Even trigger of relays is available for some brands

Grab snapshot to confirm

Operators can click at any moment to grab a picture. Picture will be tied to alarm signal as proof for subscribers.

Access camera and nvr timelines

Use the MCDI viewer to verify recording directly on the NVR. Jump on timeline from SECURITHOR viewer.

Pre-Alarm

Access video feed a few seconds earlier to counter transmission delay

Select stream quality

Pre-select stream quality according to bandwidth and site transmission speed.









CAM Module Included in ST1 and STS

.Device to SECURITHOR: Dahua, Epcom, Hikvision with alarm listener from devices (SDK Integrations):

When applicable, MCDI Viewer with controls of several features zoom, iris, focus, PTZ motion, 2 way audio, relay controls.

Recording of video feed. Snapshot on demand. Pre-alarm per device

Automatic opening of provisioned video feed. Stream size selection

Alarm listener for Hikvision, EPCOM, Dahua Jumps to http link, rtp, rtsp or open external Windows app.

CAM Premium Module

Adds more features, integrations, and interfaces to the CAM Module. Multiple interface with third part systems.

.Audit trail for activation without prior alarm signal .Reference images for the MCDI Viewers: compare video feeds to reference images.

.More SDK Integration (devices to ST): Focus H&S, IDIS, Han-wha Wisenet, TVT*, Uniview, Vivotek.

.Interface/bridge type: Ajax Motioncam, Bosch CBS, Frontel from Videofied, Crow Cloud, Epcom Cloud, Manythings, Optex CHeKT, RISCO Cloud, Visonic Visnap and Power Manage*, MCDI VOD for Visonic*, ONVIF*

.Bridge to P2P: Dahua P2P, Hikvision P2P*, Uniview p2p*. Alarm listeners from Cloud services: Ajax, EBS, CAMECT, Crow Cloud, Hik-connect, Hik-Proconnect, Optex CHeKT, Risco Vupoint,

Photo verification

With alarm receiving and access to third part servers for: **AJAX** Motioncam, **AMC** Cloud, **CROW** Cloud, **Hikvision** AXPRO, **MONITOREAL**, **RISCO** Vupoint, **EBS** AVAPro.

Alarms from Video Analytics

CAMECT, DAVANTIS, Hikvision, HIK-PROCONNECT, MONITO-REAL, OPTEX CHEKT. ULTINOUS: U-Safe/U-Alarm/U-Filter. O4 23: DAHUA Series 5

Advanced integrations

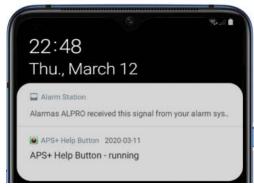
HIK-PROCONNECT: P2P+ Advanced integration with Hikvision AXPro alarm panels Alarms and PIRcam images.

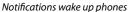
*as courtesy, no technical support

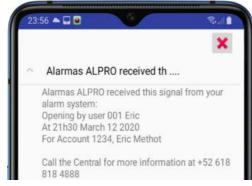


Push Notifications

Enhance your service by sending Push Notifications to your customers. No high message delivery fees like SMS, no spam filters like emails. Just high customer awareness and VERIFICATION to reduce false alarms







Alarm Signals delivered to Smartphones

It's independent from panel brands no matter if old or new. Notifications are centrally managed at your Central. Only one app for all your alarm panel brands.

Each message is unique to your Central. Customize messages to your subscribers and select which alarm signals goes to whom. Set per account and alarm code. Notify up to 48 persons per alarm code.

Send more than alarm notifications. Reach subscribers or whole groups with a personal approach. Send your own messages: Greetings, News, Power outage announcements, promote New Services from your CMS... or remind them to pay their bills.

MCDI handles all connectivity and app maintenance.



Send personal messages to customers



Branded YOUR way!
The VERIFICATHOR app
is branded with:

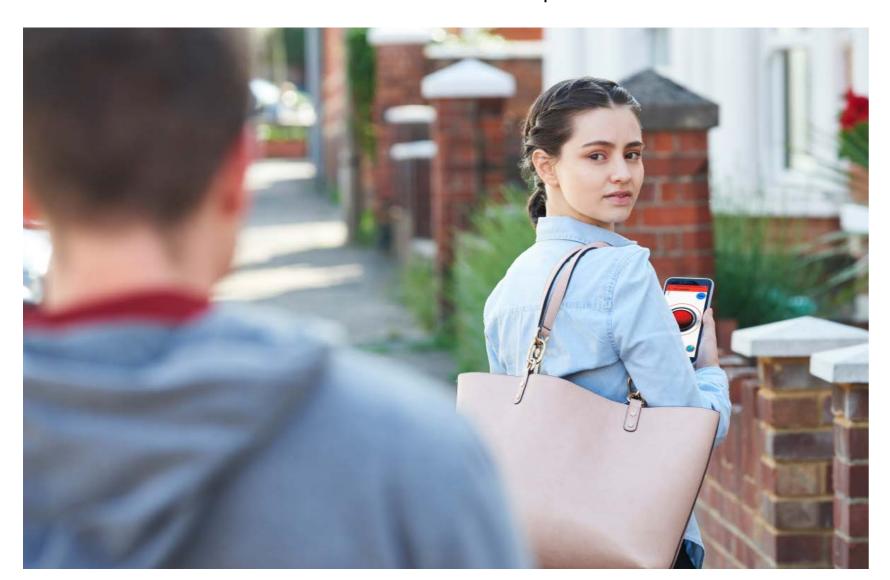
- -Your Company Logo
- -Your Phone number
- -Your WhatsApp number

Available in 21 languages for iPhone and Android
In cooperation with technological partner PROG 1



APS X Help Button App

Provide assistance to staff and subscribers from their smartphones

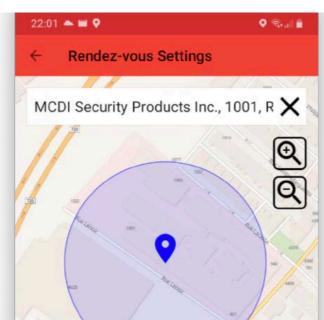


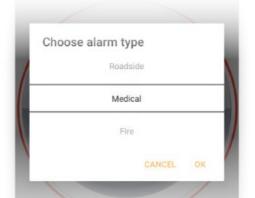
Rendez-vous

Rendez-vous system: advanced supervision on the way. Subscribers set an appointment with location. This creates a schedule in SECURITHOR.

Operator is alerted if subscriber does not reach the location in time. His whereabouts are known from tracking and you can add a 'well being' periodic verification for Android until he reaches the location.















APS X subscribers send **several types of help requests** such as Urgent (panic), Pick-up Request, Roadside Assistance, Medical, Fire, etc... Each help request comes with the location of the subscriber and the list and icons are customized by your Central Station.

Follow me! Periodic location update sent when the Urgent Help Button is activated (android only)

Friends: send a location update without panic signal to 10 friends via email or SMS or share through selected social medias.

Easy Provisioning give your subscribers a simple code to retrieve settings. No need for them to enter complex ip, port and password information in their phones.

Branded your way Load the app with **Your** logo, **Your** phone number, **Your** WhatsApp Number, and buttons specific to the services **You** want to offer.

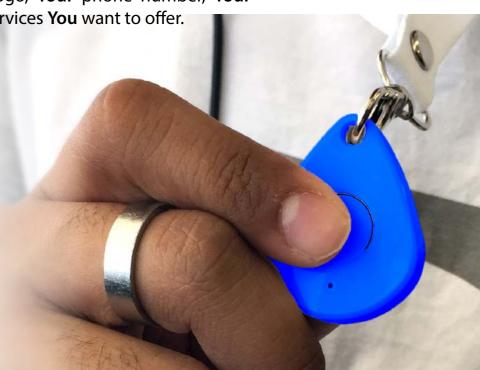
Help Button is a bluetooth button made specifically for the APS, APS+ and APS X apps.

Pair the Blue Button with the APS X app to send an urgent Help Request to the Central Station. No need to find the phone in a purse or to type a password.

Press the bluetooth button for 3 seconds and the Help Request will be sent automatically to SECURITHOR along with geolocation.

Limited quantities remaining as of Q4 2022. While supply lasts.

Limited functions of iOS app compared to Android app due to Apple privacy policies.



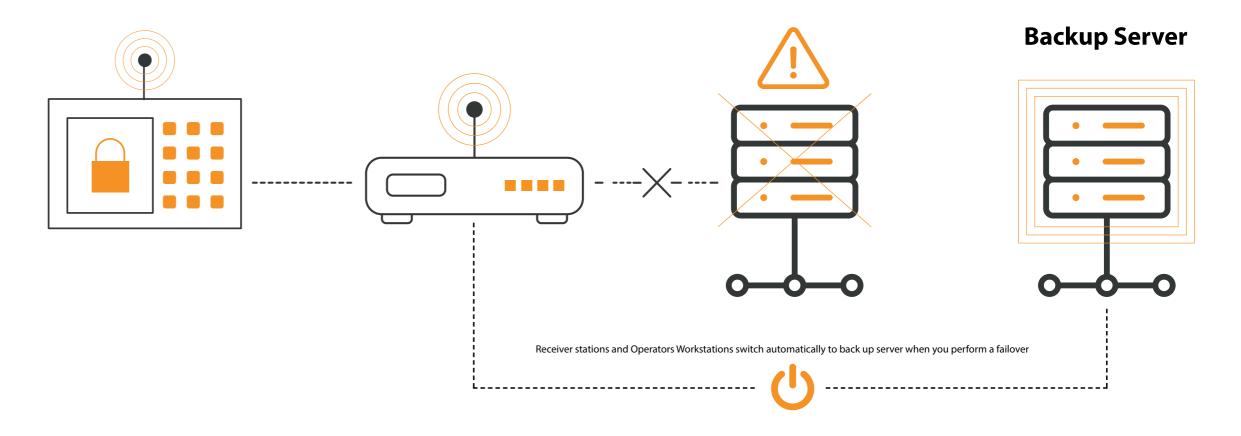
LIVE BACK-UP

Monitoring Alarms often means you are running a critical business. It's necessary to have redundant systems to ensure continuous operation. To insure business continuity you need a failover solution for both hardware and software.

Hardware failures such as HDD crash will not cripple your business if you have the **Live Backup Solution for SECURITHOR**.

Not only will it allow safeguard of your database, it will switch your Receiver Servers and Operator Stations to a second server equipped with a live copy of your database. This database is updated in real time and ready to operate when you need it.





You can install your Live Backup server in a remote location as a disaster recovery center

Don't get caught without a backup as your customers might go to your competition while your try to restart your business.

SECURITHOR offers many level of backup from an automated daily file backup to a more instantaneous Live Backup.

But if business continuity is important for you, consider **Live Backup.** It is always up to date, fast switching, and can alleviate the need to rewire receivers to backup server. Receiver servers and Operator stations switch to the Backup server when you enable it

Live Backup is the smart way to keep your business alive in case of emergency. It gives you the insurance of a fast recovery.



STAFF WEB ACCESS

Web Access for staff and Installer

Need extra capacity for your SECURITHOR without adding workstations? Go for Weboperator and manage accounts from a web page.

No matter if it's for admin staff, salesmen, or alarm system installers, each can find his way to SECURITHOR with WEBOP.



A more efficient Central with Webop

Because your operators do not have to loose time on editing accounts. Because your Installers are responsible for the quality of their work as they have the information when they are onsite. Because your Operators can concentrate on alarm response instead of confirming test signals to Installers.



Using Weboperator from a browser, either from a PC, laptop or iPad, gives you the flexibility to access your SECURITHOR from everywhere.



Connection Verification Each access is authenticated. Users have their own password with restricted access to specific accounts. You can tailor their editing rights such as no deletion, or no change to the account info.



STM SECURITHOR MOBILE: STM viewer included with WEBOP. This add-on module allows supervisors to view Key SECURITHOR Metrics such as uptime, service status of key components, number of events received, emails, or SMS sent, logged operators.





Made with installers in mind!

They can add zone descriptions, camera/NVR info, directly from iPad or laptop to SECURITHOR without intervention from the ARC.

Auto test mode allows Installers to test full path of an alarm from panel to ARC, like a live system but without disrupting the operators. What a time saver and a great way to have 100% accuracy for your alarm programming.

Plus an alarm system can be live right when the Installer leaves the site. No need to wait for Installer to tender coding sheets when he returns to the office.





Get better account info: add pictures to an account right from Webop using the iPad or Phone camera. Document your installations, the layout of the premises, special access, take pictures of employees accessing the premises or customers using the APS X Help button.



CLICK TO DIAL

Every second counts when responding to alarms. You do not want to dial the wrong number. Click To Dial takes this worry out. Just click a phone number on SECURITHOR screen and It will dial automatically.

Your Standard Operating Procedures (SOP) can be different for each type of alarm. Contact lists are personalized per account/partition and alarm code. With Click To Dial you can reach different persons for fire, intrusion, technical or entry alarms.



Click on phone number logo in SECURITHOR to initiate a call



Works with SIP PBX and SIP Trunks. Operator Softphone or SIP Desk phone





with alarm event in mp3



Identify caller by matching caller ID to contacts in accounts

Every outgoing call initiated from **Click To Dial** can be recorded. MP3 recordings are indexed with alarm events making them easy to find for auditing or proof to subscribers.







Recording module saves conversation

Many more features

Here's a sample of many more things you can do with SECURITHOR. Ask us for a demo to review them

10 digits account numbers support

64 working schedules per account.

512 partitions per account supported in ST1 and STS.

Account templates: No need to retype all information each time you create an account. Most CMS use only a few sets of alarm codes and generic schedules. Import them into a new account, edit them to your liking and create a new subscribers' account in seconds.

Alarm code list customizable per account and partition.

Automatic emailing customizable for each account/partition/alarm code.

Appending to a closed event: always possible to add notes to event if more information is available after alarm event processing. Armed/disarmed status: know at a glance if an account is armed.

Audit Trail: find who changed an account or processed an event.

Automatic processing of alarm signals: SECURITHOR has the ability to process alarm automatically without operator intervention. Select automatic for periodic tests or any alarm signals that does not require operator intervention. Notifications can be set for both automatic or manual alarms.

Backup scheduler included: automatically create daily backups that can be restored to another SECURITHOR in case of HDD crash.

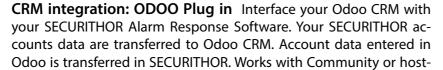
Customizable sounds for each priority level. Use the built-in sounds or change them to your own..

Report section that sends email reports automatically to staff and subscribers

Call List: write SOP Standard Operating Procedures per account/partition/alarm code

Central cities management for central and easy management or emergency and utilities contact numbers.

Click to dial: SECURITHOR offers several ways to help the operator dial a phone number. By simply clicking on a phone number, dialing is faster and error free as Securithor takes care of the dialing. ST will connect to a Modem, a Skype phone account. To a SIP or Asterisk PBX with SIP add-on module.



ed version of Odoo 11 to 15. Developed and supported by our long time SECURITHOR reseller AARSOL, Odoo Gold Partner and CRM/ERP Spe-



Customizable priority sounds and customizable priority colors

DMC Dead Man Check Operators alertness check (dead man check) to check if your operators are alive and kicking by having them fill a capcha if inactivity is detected. Notify supervisors by email/sms/push

Email notifications: alarm event triggers SMS sending to selected persons. Works with third part compatible modems and several http gateway.



ETA Email to alarm add-on module: converts incoming email to alarm according to filters and regex. Support attached audio, video and image files.

Easy imports: Loading your list of accounts from another software is as easy as using an Excel file. Fill all accounts info + import in ST.

Fully manual or automatic processing.

Securithor allows you to set automatic process for specific alarm codes or complete sites. You could in fact run all your sites automatically.

Granular control on alarm code: set various processing options from automatic to conditional: automatic, on restore, on receiving other event, on timer, etc...

Grouping of accounts to restrict access and provide easier reporting. Give access to a group only to selected operators and installers

Heartbeat support: alarm receivers that send periodic heartbeats are monitored for communication failure.

Holiday schedules by group of accounts

Import/viewing of 12 JPG images for each accounts.

Incoming signals queued by priority scheme.

Languages: Available in English, Español, Français, German, Greek Lithuanian, Português, Romanian, Swedish and Russian. Any language can be added.

Map for each account: write precise geolocations and show them in Google Maps.

Multiple events processing: Multiple signals coming for the same event or site can be processed at same time to speed up operation. A succession of zone alarms can be batch processed this way to speed up processing.

Periodic tests with reset timer and notification of missing auto tests.

No logical limitation on number of accounts in ST1 and STS

Paperless operation: notes written by operator are kept per account for both alarm response and MCB mission dispatch

Opening/Closing support with grace period.

Operators processing time log: Know how much time an operator

PDF Visualization for each account.

Personalized workspace per operator works on multiple screens. Separate information flow by display to fit your operational needs



Pick an alarm or arrange by priority: Incoming alarms show in traffic windows by descending order. Choose manually which alarm you want to process or force them on operators by priority level: fire, panic burglary before service alarms

PPP - PC Panic button for PC: CMS can distribute Virtual Panic buttons for PC to subscribers. Activation via secret keyboard combination sends silent panic signal over IP to the CMS.



erators.

Operation by any authorized station on network or from remote authorized stations.

Operator rights: tailor rights per operator. Select what they can do or not. Restrict them to specific accounts via groups

Remote activation of devices from Ajax, EBS, Hikvision AX Pro, M2M services and URFog with 2 Way Control module.

Relay triggering for multiple camera brands from the MCDI Camera

Schedules: Securithor checks if a site should be armed or disarmed at a specific time. It also checks if a site reported a test signal. Very comprehensive scheduling options available.

Service order: manually create a service/work order or create automatically upon receiving alarm code.

SMS to alarm: TLC add-on module: matches incoming sms to alarm account and code. Converts panels that only report via sms to alarm event readable by SECURITHOR.

SMS notification: alarm event triggers SMS sending to selected persons. Works with third part compatible modem and several http gateways.



Specific notes per account/partition/zone for precise SOP Standard Operating Procedures. More notes available per alarm code

SQL: SECURITHOR is powered by PostgreSQL. This SQL engine has been around for 25 years and it is supported by a large community of developers. And it's free. No need to add a pricey Microsoft SQL to your Monitoring software.

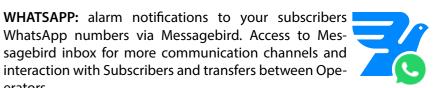
Standard Operating Procedures: SOP. Set the standard way to respond to an alarm. Operators follow them according to your preset. Customized per account/partition/zone/alarm code.

Standardized comments: pre-written for alarm processing and contact notes by operators. Professionalism of the Centrals will show as some comments and notes are shown to subscribers. Speeds up processing time as notes by operators are often the same day after day.

STM SECURITHOR MOBILE: STM ST mobile viewer add-on allows Supervisors to view over the Web Key Metrics such as uptime, service status of key components, number of events received, emailed/sent by SMS, logged operators.



View corresponding floor plans. SECURITHOR stores image sets in each account. Alarm signal triggers opening of a specific image. As alarms are often indexed per zone, it's easy to match alarm code/partition/zone to a specific image showing the grounds or the floor plan of this zone.



Web Access for Staff and Installers: Staff edit and view accounts over the web with Weboperator. Installers use Weboperator to review accounts from the site and tests their installation without disturbing the operators.



Web Access Module for Subscribers: Show alarm events to your subscribers and send them push notifications. SECURITHOR's WAM service includes multiple personalization for your Central



Windows: runs on less costly Windows 8/10 pro but also on Server 2012/2016/2019.

Work with over 100 receivers. Most receivers in the market use standardized format that are supported by SECURITHOR.

Integrated IP reception of MCDI DT42, D5. Supports all receivers using either: MCDI IP, MCDI native, MCDI enhanced, Bosch D6100, and protocols such as Sur-Gard MLR2, MLR2000, System 3/4/5 mrl2 over ip, Ademco 685 format, SK9000, Radionics 6500, Paradox IPRS7. Various formats and video devices via CAM+ and STC modules by P1

All specifications in this brochure are valid for products released after May 2023.



SECURITHOR and **MCB Mission Control Board** are key parts of your business and MCDI, the maker of your SECURITHOR delivers expert assistance.

No one can troubleshoot and work faster in your SECURITHOR than the experts that made it. No matter if it's for routine maintenance or for getting you back on track in case of an emergency.

With over 25 years of developing, maintaining and supporting software wolrdwide, we can be as effective as having an engineer on site.

Plus our support coverage plans are the only way to get updates that bring you not only conformity to a changing environment but also new features coming with each update. This ensures your Alarm Receiving Centre stays up-to-date <u>and</u> competitive.

Sometimes it takes more than just turning it on and off again

What's included?

Maintenance of database

You would not drive your car without periodically changing the oil? Maintenance of your database is as important. Your database is a living thing, growing with each account you add and with each alarm signals. Operations such as vacuum, resizing, archiving, splitting, and SQL updates are important to keep your SECURITHOR and MCB Mission Control Board applications performing at peak level. These operations are all performed as part of the support coverage.

Software updates

Updates are a key part of the support coverage plan and guarantee you will be running the latest version of SECURITHOR. With each update, we provide new features and also revise old ones to make them better. We also adjust the software when environmental changes are needed such as Windows updates and security patches. Each major update brings at least 20 new features and improvements. New integrations of manufacturers are all parts of updates either in core Securithor or add-modules.

More training

On SECURITHOR and MCB: for your operators, your supervisors or for your sysadmin. We tailor training to your needs.

Consultation

For configuration, usage, expanding or adding new features or services.

Troubleshooting

Sorting out communication with new receivers or new types of devices. MCDI staff has over 25 years of experience working with receivers, servers and security devices.

Emergency help and disaster recovery

SECURITHOR and MCB are often a key component of your business and no one can get you back on your feet faster and better than MCDI. Avoid waisting time with administrative delays. Having a support plan is the only way to get immediate help,



No matter if it's a failed hard drive or if you need to restart at an alternate location, we can help. Knowing that expert assistance is available if you need it will give you peace of mind and the assurance you need for business continuity.



SPECIFICATIONS

DT42/DT42m

Alarm receivers

DT42ip

DT42ipm receiver, alarms over IP and phone lines DT42qb receiver, alarms over IP + Guardbooth features DT42HV High Volume IP receiver (special projects only) Power supply: 100-240V AC input 50-60Hz, output 5Vdc 2.4A

DT42/DT42qb: typical less than 1.1A 5VDC DT42m/DT42qbm: typical less than 1.2A 5VDC

DT42gb: Ethernet, USB, serial

DT42m/gbm: Ethernet, USB, serial, pstn

Rack-mount width 19 inches, height: 1U, 6.5 in deep

Finish: bright orange enamel, black serigraphy.

Formats and brands supported

AMC Flettronica ARTEC AR88 ARTIFEEL Check'In AVS electronics Starlink 4G Bosch 6512 Cirrus 4T Climax TW CROW Sheperd Cloud CSV IP (limited application)

GSD Global Security Devices
Hikvision AXIOM, AX Pro (alarms only) INIM Smart Living, Prime

Jablotron Cloud

Ksenia

M2M Services Bulgaria- America-México

MOBYLINK

Contact MCDI for production requirements as they vary according to usage and number of connected staff.

Hostname or static IP. One port dedicated and forwarded to PCB PC

MCB Android app 10+. 100MB space. GPS capacity and Internet con-

Station requirements (PCB application, staff of 10, no other application

sharing PC with PCB to the exception of SECURITHOR FOR MCB plug-in):

Vanderbilt Flex C (special license)

SIA DC-09 2012 draft TCP/UDP

SIA DC-09 2021 TCP/UDP (dec 2021)

On request, without tech support: 3i NX1/NX2, Paradox IPDOX, VdS (Abus

Verify connection details with MCDI as they can vary by model within

the same brand. Ports opening and forward to DT42 according to alarm

formats and usage. Number of sites supported varies according to re-

porting frequency and encryption level. Consult with MCDI for more

Memory 12,000,000 events stored in DT42. Equipped with a removable

micros SD card for logging. Logs can be downloaded to PC over ethernet.

Languages Configuration interface in French, English, Portugues, Span-

DT42 is backed by MCDI SP 2 years limited warranty. Programming up-

DT42 is reporting in standardized formats to most Automation Software

on the market including SECURITHOR V2. SECURITHOR V1. WinSAMM.

crokey, Patriot, SIS, SIMS. Direct IP connection to third party software

SAMM. A-trag. Bold Gemini, Bold Manitou, Central Works, MAS. Mi-

DT42 reports to Securithor 2.31+ in MLR2/2000 with SIA extended

DT42 specifications are for version 2 and for units shipped as of May 2019

MCB Mission Control Board 2.40

As a plug-in for Securithor or stand alone module MCB Go!

MCB as a plug-in for Securithor: 10,25,50,100 users

Bandwidth according to size of information transferred.

Minimum for trial: i3. 4GB ram. 10GB HDD for installation.

Bandwidth according to size of information transferred.

MCB Go! Stand alone application: 25,50,100 users

dates are free during the warranty period.

available with supplied component.

MCB Mission Control Board

Workforce Track and Dispatch.

Technical requirements

nection for communication to station.

Configurations:

Wolf Safety (Italia) SIA DC-09 2007 TCP/UDP

SIA DC-09 2011 TCP/UDP

SIA DC-09 2013 TCP/UDP

SIA DC-09 2017 TCP/UDP

information.

Compatible outgoing mail server and ftp space for checkpoint notifi-

NFC tag use requires compatible phone with NFC reader and compatible NFC tags. QR code scan requires compatible phone with camera and Android QR code resources.

MCB app uses phone's gps-a system for geolocation and geofencing. Must be enabled at all time preferably with fine location enabled.

Internet connectivity and link to MCB Server must be insured at all time for optimal use. Some feature might not work without internet connectivity

Phone's camera use requires accepting relevant permissions. Some feature may not apply to

Geocoding and Display of maps require maintaining a Securithor support plan.

Configurations

STL Starter kit

ST1 SECURITHOR V2 one station, unlimited accounts

NETWORK EDITION:

APS X Assistance app for iPhone and Android.

Individual phones not supported.

Functions of the iOS and Android apps differ due to Apple privacy poli-

Risco Cloud, ULTINOUS, Visonic Visnap (with MCDI VOD) Visonic Power Manage. Subscription with third part services may be required, not included. For SDK integrations (Devices to SECURITHOR):

Interface Communication and alarm receiving Bosch CBS, CAMECT,

Crow Cloud, Davantis DAVIEW, EBS OSM Vision, EPCOM Cloud, Frontel

Videofied, Hanwha Wisenet, Hikvision AXPRO, Manythings, Monitoreal,

Video feed recording

Pre-alarm opening (setting per device) Screenshot capture on demand.

.External jump http link, rtp, rtsp, jump to external windows app As courtesy, without technical support: Cubitech, Elmo, Hik-Connect, Hik-Proconnect, ONVIF, IDIS, TVT, Uniview.

Update of third part cameras, devices DVRs via Securithor update. Some brands are offered 'As it is' without technical support or guarantee



Range and connection according to Bluetooth environmental capacity at site of use and characteristics of phone and battery capacity. Geocoding and Display of maps for Rendez-Vous. APS signals and Panic from MCB requires maintaining a Securithor support plan.

CAM/CAM Premium

ST1/STS: CAM included, CAM Premium as option

CAM module

Video feed recording.

Screenshot on demand for MCDI Viewer.

External jump http link, rtp, rtsp, jump to external windows app Pre-alarm per device for SDK integrations.

CAM Premium

All in CAM module plus the following: .CAM I istener for direct Hikvision and Dahua device alarms. .Reference images tool in selected MCDI Viewers.

Video (optional modules, third part software not included) .Bridge to ACC Avigilon 4/5/6. Alarm receiving from ACC, Bridge to ACC. .Bridge to Frontel from Videofied

Web Access for staff, alarm system installer. Server + number of channels (# of concurrent access) Server installed by MCDI in Windows environment.

As services:

WAM Web Access Module for Subscribers

Requires port opening and forwarding to SECURITHOR.

Push notification app Android app: 8+ iPhone: iOS 12+

Prog 1 products for SECURITHOR

.Outbound reporting as receiver

.Web Access Module

.Dedicated support plans .Interface with Odoo CRM .WhatsAPP integration .MVP Map View and Plans

SECURITHOR Minimum Requirements

To operate trial: Intel process i3, 8GB Memory, 50GB space on disk

To operate for production:

Contact MCDI as minimum requirement vary according to usage and

OS: Securithor user interface can operate under Genuine Windows 10 or 11, .net framework 4.6.2. required.

Server license: compatible with Genuine Windows 10, 11, 2012, 2016, 2019. Pro version recommended with latest update, .net framework 4.6.2 required.

Fmail and SMS

SMS notification works with third part compatible modem not supplied with Securithor. As of July 2022, 2 models are crecomnneded and suported: Lantronix M110 family and Mars-Commerce. Number of modems and gateway capacity must be sufficient to handle traffic generated by Securithor.

Email notification requires a third part compatible outgoing mail server not supplied with Securithor. TLS 1.1 and 1.2 required. Server capacity per second/minute/hour/day must be sufficient for traffic generated. No write/read receipt management.

MVP MAP VIEW AND PLANS

Optional plug-in Module for SECURITHOR, A Prog1 product. Minimum requirements:

Windows 1 pro . 11 Pro 64 bit

For display of maps: recent quad i7 with fast video card. 16GB RAM, 8GB Memory dedicated to video.

SSD disk with write speed over 1000MBps.

MVP is not intended to process large volume of alarm signals. Securithor traffic should be preferred for this task. Map display requires maintaining a Securithor support plan.

Access to camera tributary of SECURITHOR cam license and viewer.

Push Notification/Verification Service: VERIFICATHOR

Product designed and maintained by tech partner Prog 1 Connects SECURITHOR to Push Notification system by Apple, Google. Yearly service by Prog 1.

Requires stable and continuous internet connection to Prog 1 server. Bandwidth according to traffic.

VERIFICATHOR app available for Android and iOS (iPhone and iPad). Provisioning via STnet for ARC identification

2 service levels: Notification (one way) and Verification (2 ways).

EXPRECIUM D - DECRYPTA4 pstn receivers Products discontinued as of May 2023

Communications (Ed and D4)

2 RJ11 type jacks for connection of phone line

Type: Pulse, DTMF, FSK Reception Speed: 10, 20, 40 pps DR / CS

Handshake and Kiss-off: 1400Hz /2300Hz/2225Hz Pulse Frequency: 1800Hz / 1900Hz

Reception Formats supported (Ed and D4):

Radionics 6500 Radionics extended Ademco: Sescoa Slow, Super Fast - Contact ID; Sescoa Standard - Fxtended: Silent Knight Slow Fxpress:

 High Speed Napco Point ID FBI Super Fast BFSK,CFSK, VFSK) **∆**v1 3x1 extended

4x1 extended 3x1 extended compressed 4x2 4x1 extended compressed 4x2 Zero removed 3x1, 4x1, extended Optex's Varitech

All boards are delivered with Bell 103 on both lines

Reporting protocols to Automation Software

Output as MCDI. SG MLR2 or Ademco 685. Some formats are not available to all reporting protocols.

Printer Output:

Exprecium D supports Epson T Family POS printer through Serial communication. Designed for Epson T88V USB and Epson LX 300 families.

From 12V Battery (standby): 225 mA typ.

Station Requirements:

Signal: USB 1.1/2.0/3.0 or Serial port.

Configuration tool: PC running OS allowing installation of .NET 3.5 such as Windows XP, 2003, Vista, Server 2008r2, 2012, Windows 7, 8. 8.1

DECRYPTA 4 phone line receiver

Power Requirements:

Auto reboot upon power restore. From 9-12V DC Battery/ Power Supply: 250mA with fall-over management. Included power supply: 96-240V auto-ranging, IEC13 power cord to wall outlet.

D4 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 D4 back for normally open and normally close positions. Relays triggered each time an alarm signal is received by D4. Relay maximum current 30VDC 1A max.

D4 can be configured and operated without PC by menus on front display in English, French, German, Italian, Portuguese, Russian and Spanish.

Configuration by PC through USB or serial port, PC configuration tools requires installation of Microsoft .NET 3.5 framework supplied on D4 CD. PC configuration tool in Arabic, English, Farsi, French, Italian, Portuguese, Russian and Spanish. POS printer of compatible with Epson T family Designed to use with Epson T88V.

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

Warranty Exprecium d and D4 are covered by a one year limited warranty. PSTN signal integrity must be sufficient for signal analysis by receiver. No troubleshooting offered for onsite phone lines. Certification in controlled environment offered when returned post paid to MCDI.

DRIVERS AND COMMUNICATION

with PC using OS with .net 3.5 enabled.

Warranty period: 1 year limited warranty for Ed and D4.

es from phone lines are specifically excluded. Wired pstn phone line required on both signal sending and receiving ends. Requires signal integrity at receiving end. Individual signal quality troubleshooting not performed nor provided by MCDI.

All requirements are subject to change without further notice. Some requirements should be adjusted according to usage. Minimum requirements may be higher if usage differs from standard operations. Consult MCDI to validate operational requirements

All requirements are stated for stand alone operation or MCDI products without sharing resources with other applications or equipment

All software products specifications are made with assumption that a genuine Windows OS is used maintained and undated

istry, configuration and security level

All specifications valid for equipments and software made after August 2022.

TEXECOM Monitor

Telesianal

receiver, alarms over IP

Consumption:

Communication:

5.720" L x 5.750" W x 1.635":H (excluding connectors and rubber feet)

Android app: 8+ with notifications enabled. Access to Google Notifica-

3PX AR-535 4G ALTEC ATLS Switch'GSM IP Ajax Hub (2019+ models or older with updated firmware))

Digiflex Bosch

Eldes/Eldes Kronos Focus/MEIAN STIII FC-7688plus

Kerui/Wolfgard G9B0

Mars-Commerce Zeus

MEGA-X Maxtechnologies MyAlam Asia-Pacific Europa

NETIO Novation Security Optex Genio ST/Genio Advance

Pyronix ENIP Risco Cloud (Alarms only)

Sigma GR SUPA L 16 Tecnoalarm

Trikdis G09/G10/G16/G17/ SP231

King Pigeon G5

Knookbox

Nookhox Nanocomm (nanomir) NAV87XX

PIMA Force Series PIMAlink 3.0

Risco Agility, Lightsys 1 SIA Roel Multicomm, CERBER, Xguard IP SATEL gprs-a/gsm-x SECOLINK Pas816, GSV5, GSV6U

Scientech TW

TOPKODAS GTalarm2, GTCOM2, GTM1

SECURITHOR MONITORING SOFTWARE

Single PC:

STS Server license

STWx Workstation license according to number selected.

SECURITHOR Add-on Modules (options)

Compatible with Android 7+ and iOS 10+

cies. Some functions are not available on iOS of fitness. Contact MCDI to get the camera matrix list

Bluetooth button offered as recreational or convenience purposes.

STL: CAM and CAM Premium are options

Devices to ST: Hikvision, Dahua, EPCOM Automatic opening of provisioned video feed with pre-alarm

Audit trail for activation without prior alarm signal. Control of zoom, iris, focus, ptz, 2 way audio, relays (when applicable)

.SDK Integration: Dahua, Focus H&S, Hikvision, IDIS, TVT, Vivotek.

Push Notification Service

Hosting by MCDI, pricing according to number of accounts in Securithor

.Customized installation (db on Linux Server) .Push Notification and Verification Services .App personalization

Converters not supported.

Power Requirements:

From computer +12V Supply: 225 mA typ.

PC chassis with 12V electrical supply though PCI or PCI-E bus with full length PCI or external 12Vdc power supply

Energy saving automatically switches LCD backlight when switching to

Station Requirements

USB drivers supplied 7, 8, Server 2012. Serial communication with DOS, Linux, and Windows. D4 can be configured and operated without PC or

Programming updates are free during the warranty period. Power surg-

Rohs compliant, FCC, IC, CE, TBR21, EN50136

All software products require admin user and a standard Windows without modification of reg-

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Technological partner for add-on modules: Verificathor, WhatsApp, MVP, DT42HV, STC, API

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BECOMING A MCDI DEALER:

We are currently looking for resellers in several countries. If you think your organization can benefit from reselling MCDI SP products, contact us with a brief presentation of your company, your local market and products you already represent at: dealership@mcdi.com +514-481-1067

