



**MCDI SECURITY PRODUCTS INC.**  
New Address: 6556 boul. MONK  
Montréal Québec Canada H4E 3J1  
English/French: +514.481.1067  
En Español: +514-487-0441  
[www.mcdi.com](http://www.mcdi.com) [sales@mcdi.com](mailto:sales@mcdi.com)

**MCDI De México**  
**Tensi Saravia**  
Durango México  
Montréal, en Español: +514-487-0441  
Durango México: +52 618 825 4493  
[ventas@mcdi.com](mailto:ventas@mcdi.com)



MCDI 2024 Products Catalogue

Alarm Receivers	
DT42 ip receivers	// 3
DT42HV receiver	// 5

Monitoring Software	
SECURITHOR	// 6
Main Features	// 7
Network Edition	// 9
MVP Map View and Plans	//10
Video verification	//12
Alarms from AI	//14
Notifications - Verificathor	//15
APS X Help Button	//16
Live Back-up	//17
Weboperator	//18
Click To Dial	//19
More Features!	//20

Mobile Staff Tracking and Dispatch Software	
MCB Mission Control Board	//21
Missions, Itineraries	//23
The MCB app	//24
MCB Go! Not just for guards	//25
Geofencing	//26
Reports	//27
Checkpoints with tags	//28

Software Assurance	//29
--------------------	------

Products specifications	//30
-------------------------	------

Resellers	//31
-----------	------

**MCDI Security Products** is located in Montreal Canada. We serve the Security Community since 1994, under original management. MCDI pioneered several changes in the Alarm Industry from the game changer TLR alarm receiver on PC board to the unique Extrium line of multi-format IP receivers.

Our varied clientele is unified by the goal of securing people, buildings and premises. No Monitoring software company can say it has more installations and customers than MCDI. Pharmacy Chains, Supermarkets, Manufacturing plants, Banks, School Boards, Building Services Managers, Utility Companies are clients like our traditional customers, the Central Monitoring Stations.

While still manufacturing Alarm Receivers, our main focus is now serving the Security Industry by developing software for Alarm Monitoring and for Tracking and Dispatching Mobile Staff.

**Prog1 inc.** is MCDI technological partner founded by MCDI ex-employees. **Prog 1** makes custom development for MCDI customers and proposes an array of advanced modules for SECURITHOR customers.





# DT42 IP Alarm Receivers

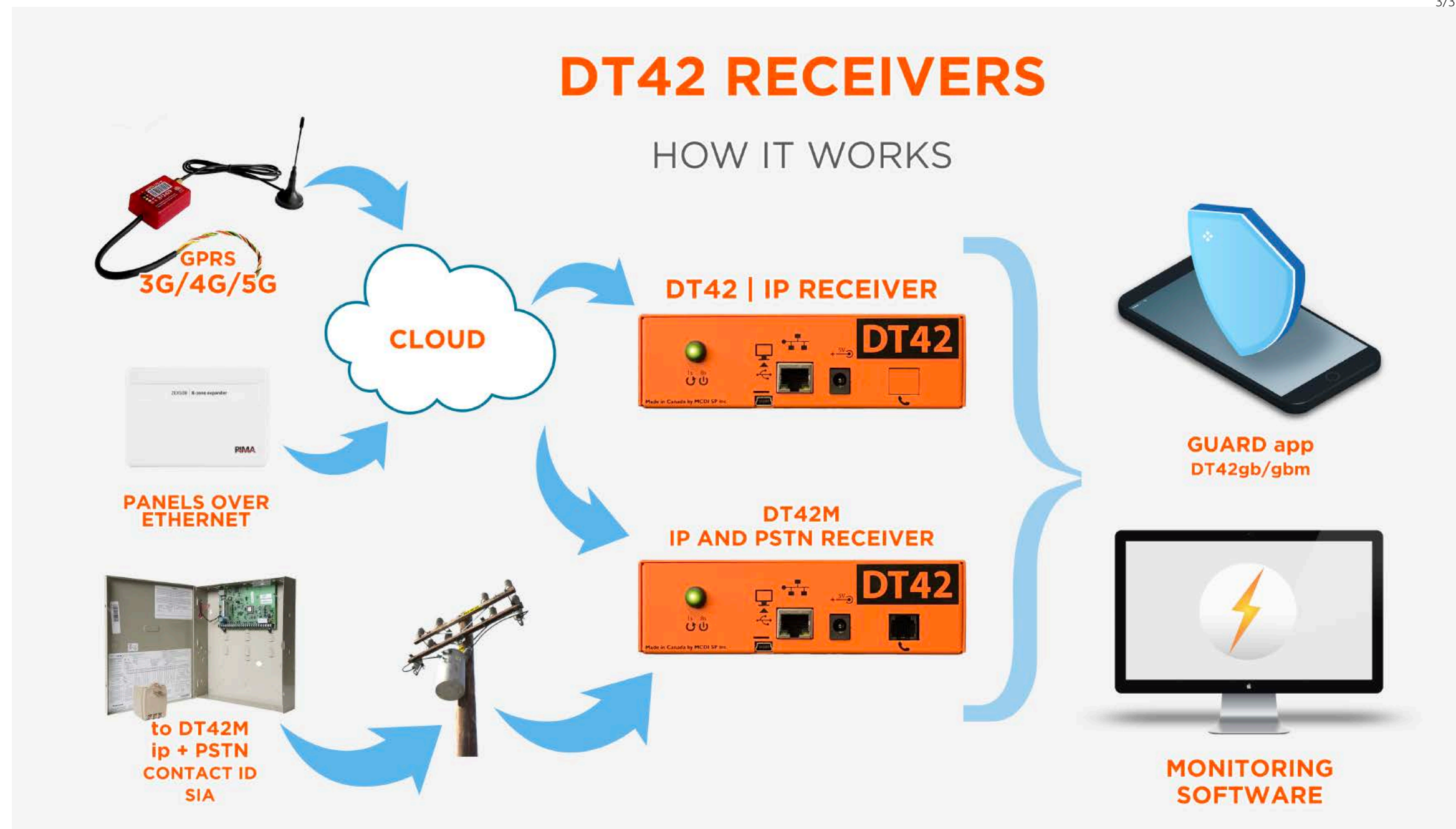
Get alarms over IP directly from panels or from connected servers. No matter if the alarm panel is connected through Ethernet, gprs, 3G, 4G or LTE, DT42 gets the signals.

## Multiple sources and outputs

DT42 works directly from various alarm panels or with several manufacturers services and servers.

Several legacy alarm receivers can also connect to DT42 serial port.

Outputs to automation software such as SECURITHOR in standard format via serial, usb or IP. Multiple destinations possible.



## Alarms Over IP or phone line

DT42m hybrid receiver not only handles alarm over IP. It's also equipped with one phone line to handle legacy alarm panels reporting in Contact ID and SIA.

IP and PSTN are both reported to Monitoring software. Also to the Android app when using DT42gbm for guard booths.



## Like a PC, without a PC

DT42 is a stand alone single board computer running Linux. A safer approach because DT42 takes care of a single task without the security risk of Windows os.

DT42 effectively shields the monitoring PC for its connected panels spamming attacks. And the receiver does not have to share resources or worry about Windows os issues. Polling of alarm panels set per channel means your monitoring software does not have to handle all the load from panels.

Install on desktop or rack-mount for more convenience





# DT42 IP Alarm Receivers



## Alarm codes you can read

DT42 has a 4000 accounts data-base showing account info such as name, address, phone of the person to contact.

Alarm codes are spelled out in plain language according to the Contact ID and SIA standards: Fire, Burglary... All can be viewed on web pages from the DT42.

With DT42gb guards and patrols can also read action lists and write intervention notes in Android app.

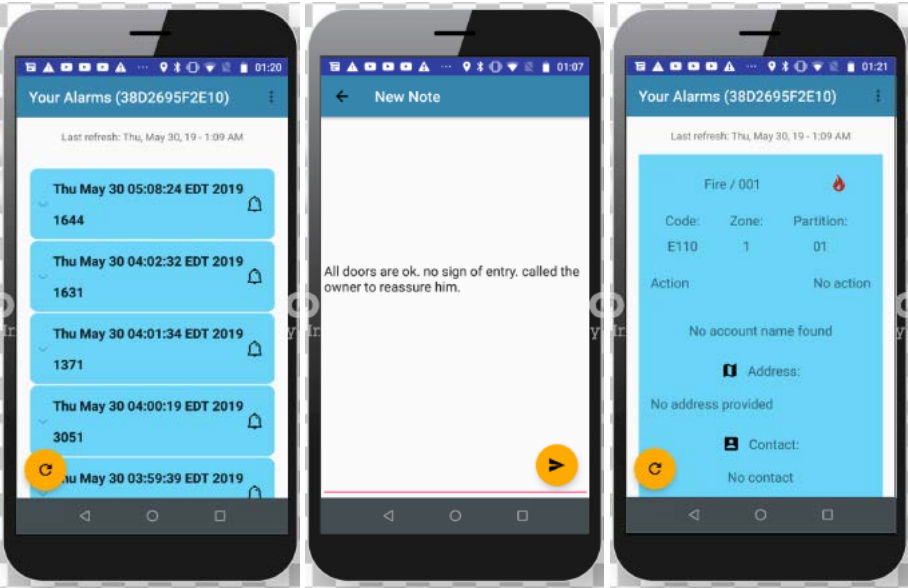
Accounts				
Order by : Account Number 3 Ascendant Descendant				
Filter by : Account Number 3 Filter +				
1000				
1234	Eric Methot	Eric	1001 Lenoir Montreal Canada	
Notify Mr. Methot in all cases. Call 911 police directly for burglary, fire. Report to Central.				
1656	MCDI	Eric Methot	1001 Lenoir A411C Montreal Canada	
Notify Mr. Methot on all signals. Go to site for burglary, fire, Medical. Call relevant authorities.				
4444				
12345				
page 1 of 1				

## View alarms without Monitoring software

DT42gb sends alarm signals notification to DT42 Android app.

Guards, Patrols and staff are notified of a new signal. They see account and alarm code details. They can write intervention notes.

DT42gb provides basic monitoring capacity to guards booths and gated communities without need of a Monitoring Software.



## Receiving more than any other receiver

NO other receiver handles more protocols nor tested as many brands insuring you can use mix of alarm panels without conflicts.

- 3PX AR-535 4G
- ALTEC ATLS Switch'GSM IP
- Alarm.com
- Ajax Hub (2019+ models or older with updated firmware))
- AMC Elettronica
- ARTIFEEL Check'In
- ARTEC AR88
- AVS electronics Starlink 4G
- Bosch 6512
- Cirrus 4T
- Climax TW
- CROW Sheperd Cloud
- CSV IP Contact ID
- DAHUA AIIRSHIELD
- Digiflex Bosch
- Dinsafer
- ENIP
- Eldes/Eldes Kronos
- Focus/MEIAN STIII FC-7688plus
- GSD Global Security Devices
- HEYI
- Hikvision AXIOM, AX Pro, AX Pro M2, AX Pro M2H
- INIM Smart Living, Prime (Lower Ascii table)
- IVO BG
- JABLOTRON Cloud
- Kerui/Wolfgard G9B0
- King Pigeon G5
- Knookbox
- Ksenia
- Mars-Commerce Zeus
- MAXKIN
- MEGA-X Maxtechnologies
- MyAlam AsiaPacific-Europa
- M2M Services Bulgaria- America
- MLR2
- MOBYCOM
- Nookbox
- Nanocomm (nanomir)
- NAV87XX
- NETIO Novation Security
- Optex Genio ST/Genio Advance
- PIMA Force Series
- PIMAlink 3.0 app
- Pyronix ENIP 2013/2017
- Rightkey
- Risco Cloud (Alarms only)
- Risco Agility, Lightsys 1 SIA
- Roel Multicomm, CERBER, Xguard IP
- ROF
- SATEL gprs-a/gsm-x
- SECOLINK Pas816, GSV5, GSV6U
- Scientech TW
- Sigma GR
- STANIOT H502, H700
- SUPA L16
- Tecnoalarm
- Telesignal
- Telenot
- TEXECOM Monitor
- Trikdis G09/G10/G16/G17/ SP231 UDP or SIA DC\_09
- TOPKODAS GTalarm2, GTCOM2, GTM1
- TELL
- UNII
- Vanderbilt Flex C (special license)
- WOLF Safety (Italia)
- SIA DC-09 2007 TCP/UDP
- SIA DC-09 2011 TCP/UDP
- SIA DC-09 2012 draft TCP/UDP
- SIA DC-09 2013 TCP/UDP
- SIA DC-09 2017 TCP/UDP
- SIA DC-09 2021 TCP/UDP
- On request, without tech support: 3i NX1/NX2, Paradox IPDOX, Verify connection details with MCDI as they can vary by model within the same brand.





# DT42HV

## PANELS AND COMMUNICATORS DIRECTLY TO ARC

High Volume Receiver. The choice for fire, life safety and building safety automation alerts without the need for proprietary servers.

By using open protocols you get alarm and fire signals without third party servers. Unlike proprietary communicators and receivers, you are not in prison and can receive signals directly or from servers.

### Technology

Based on 10 years experience of making EXTRIUM and DT42ip. This High Volume receiver is built on Linux OS for higher safety and performance.

SIA DC-09 implementation tested with more than 70 brands and devices. Supports DC-09 2007 to 2021 TCP/UDP with or without encryption.

Connects and supervises links to M2M SERVICES primary and backup servers.

Report supervision for up to 1024 accounts (90 to 3600 seconds). Up to 12000 unsupervised accounts.

### Features

Filtered output to sort reporting of critical alarm/fire signals from standard alarms. Each can be sent to separate IP destinations to insure automation software is not flooded with low priority alarms. Traffic routed to alternate destination if primary does not respond.

Reports to automation software via industry standards: mlr2, mlr2000, with or without extended blocks. SIA DC-09 output upon request.

Compatible with SECURITHOR, Central Works Pro, MAS. Bold Manitou, Bold Gemini, Microkey, SIS, SIMS.

### Listed Hardware

Hardware **UL864** 10th Edition / **ULC-S527-11** / **UL 2572** recognized. Includes UL approved keyboard and mouse.

Rugged industrial server 2U Rack-mount with Monitored fan. Options for redundant memory, and power supply. Built on order.

Assembled in Montreal Canada by MCDI with hardware by US based computer manufacturer.

DT42HV is a Prog 1 product backed by MCDI, worldwide renowned maker of receivers and monitoring software since 1994.

What's in a name? DT42 was named in homage to The Hitchhiker's Guide to the Galaxy. A super computer named Deep Thought is asked for the answer to life the universe and everything. Indeed, you are correct if you also answered '42'! Don't believe us? Ask Google: 'What is the answer to life, the universe and everything?' We swear, 42 will be Google's answer.



# SECURITHOR



## 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.

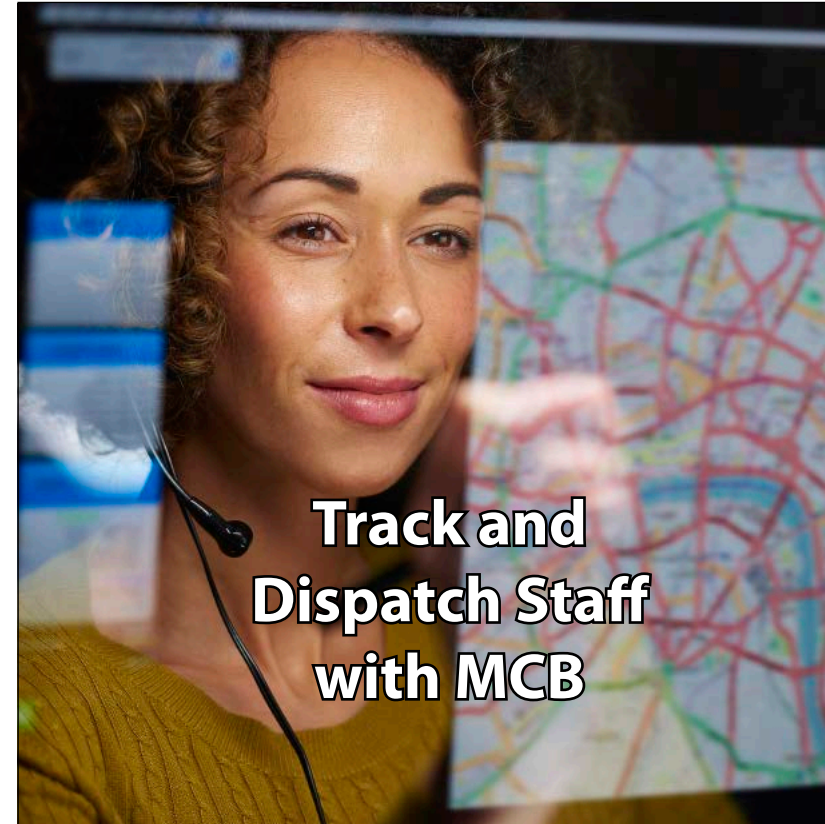
Based in Montreal Canada, we are still under original management and grow with a network of distributors and resellers around the world. Several are with us for more than 20 years.

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

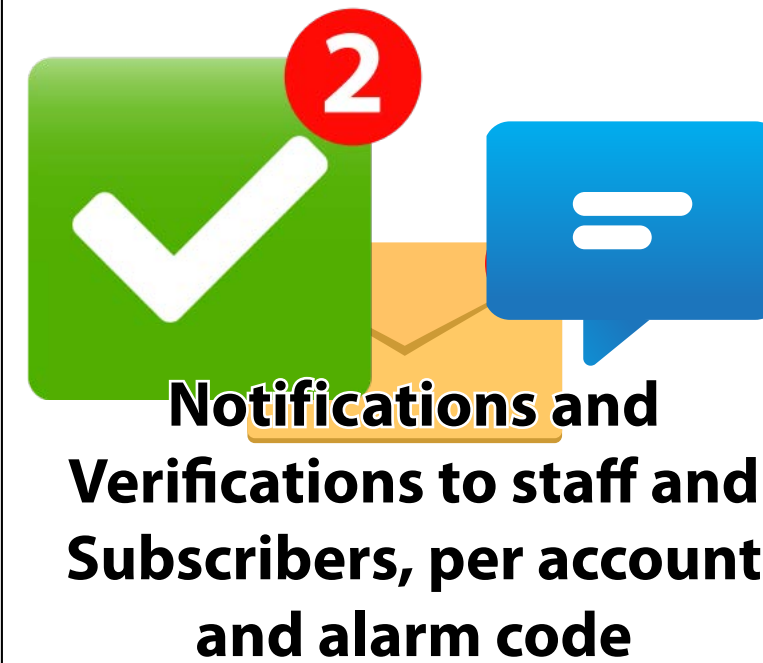


# SECURITHOR MISSION CONTROL BOARD Main Features

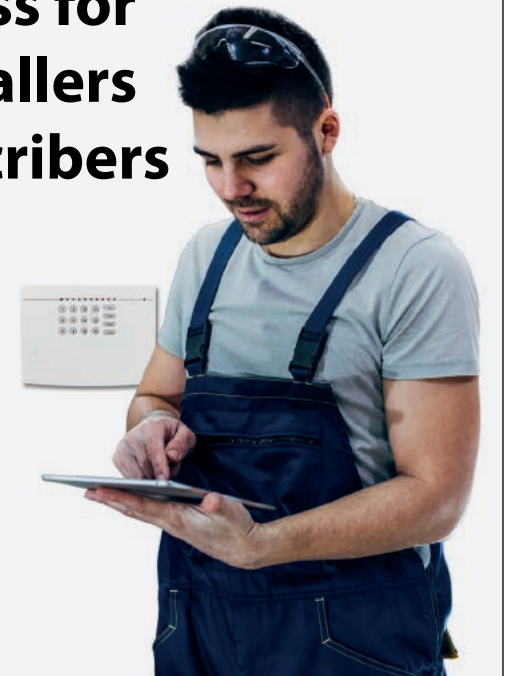
No matter how you use **SECURITHOR** and its Track and Dispatch solution **MCB**, they are sure to be useful for you.



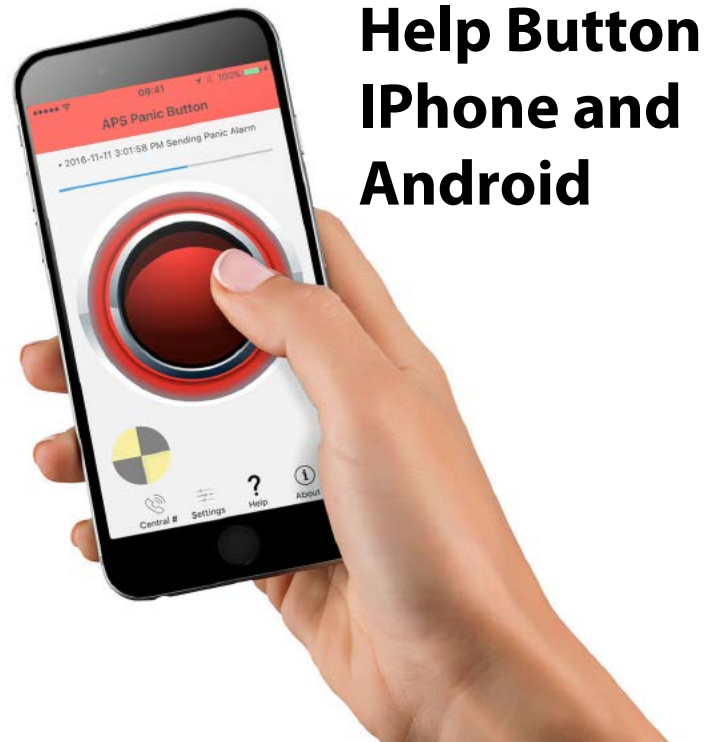
**Respond with Standard Operating Procedures**



**Web Access for Staff, Installers and Subscribers**







## Help Button iPhone and Android



## Automatic Reports

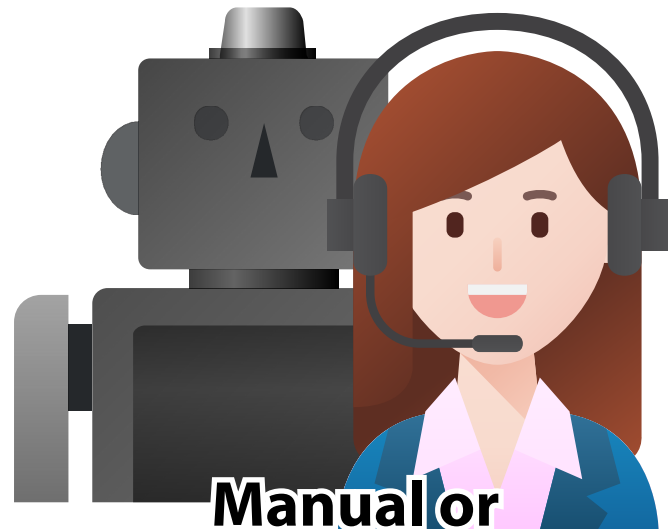


## Flexible and scalable One operator or Many working simultaneously



### and features that give you 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.



## Manual or automatic alarm processing



## 12 languages available



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](mailto:securithor@mcdi.com) +514-481-1067 to get a personalized  
 SECURITHOR guided tour.

SECURITHOR trial available from [securithor.com](http://securithor.com)



# NETWORK EDITION

## 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 SECURITHOR on Windows 10 pro. But if 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

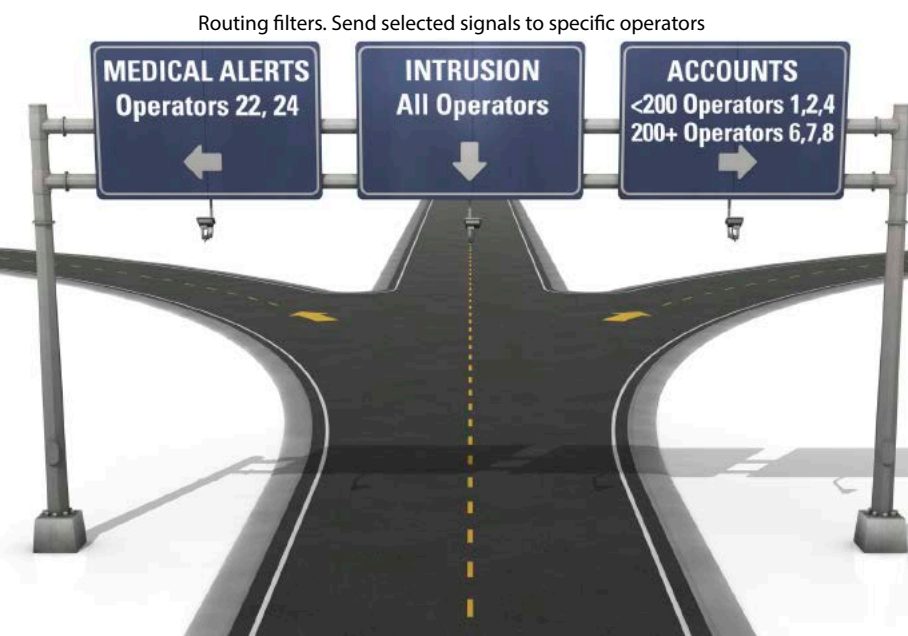
Several features are added to the Network Edition such as routing filters, ability to transfer an alarm to another operator and the STM Mobile Smartphone Viewer for Supervisors.



### 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.





# 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.

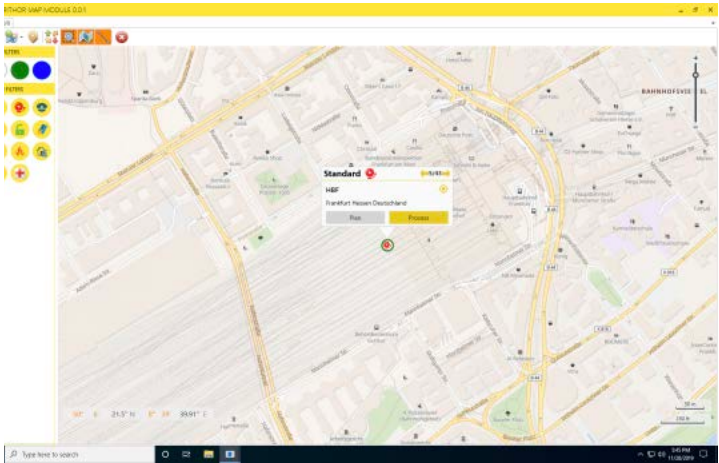
## Dispatch your own response team

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.

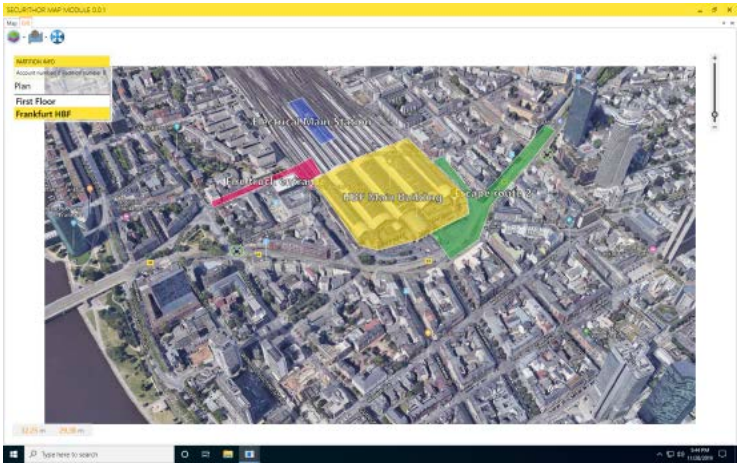
## MVP Module for Industrial use

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.

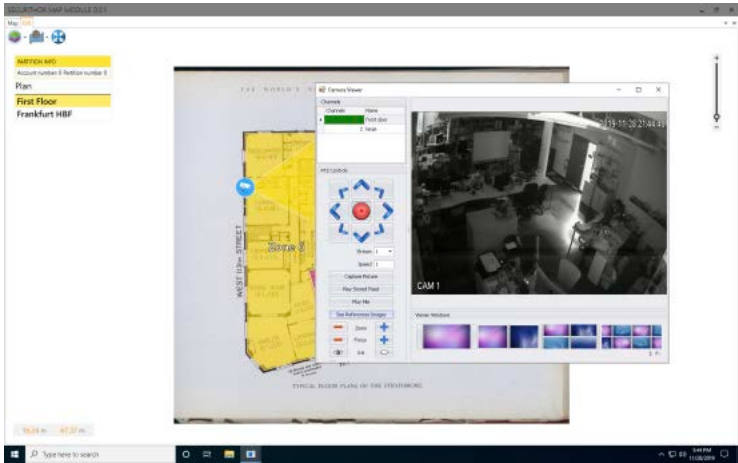
Get additional camera views and information showing on floor plans as MCDI camera viewer can be integrated with plans. A product developed by our Technological Partner PROG 1



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



Site descriptions brings more info, beyond the usual alarm view

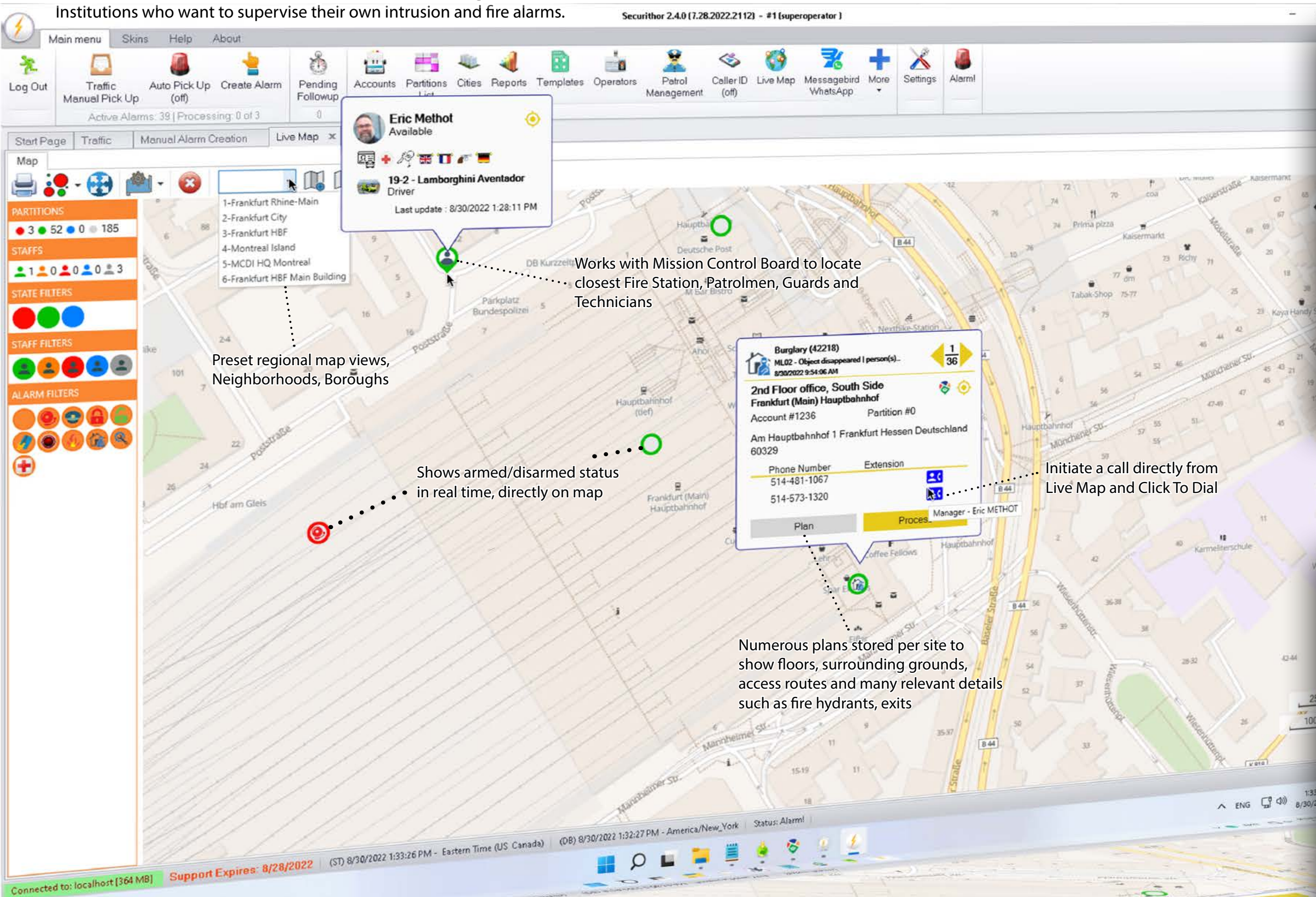


From the floor plan, you know camera locations and access views



# 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 Institutions who want to supervise their own intrusion and fire alarms.



Works with Mission Control Board to locate closest Fire Station, Patrolmen, Guards and Technicians

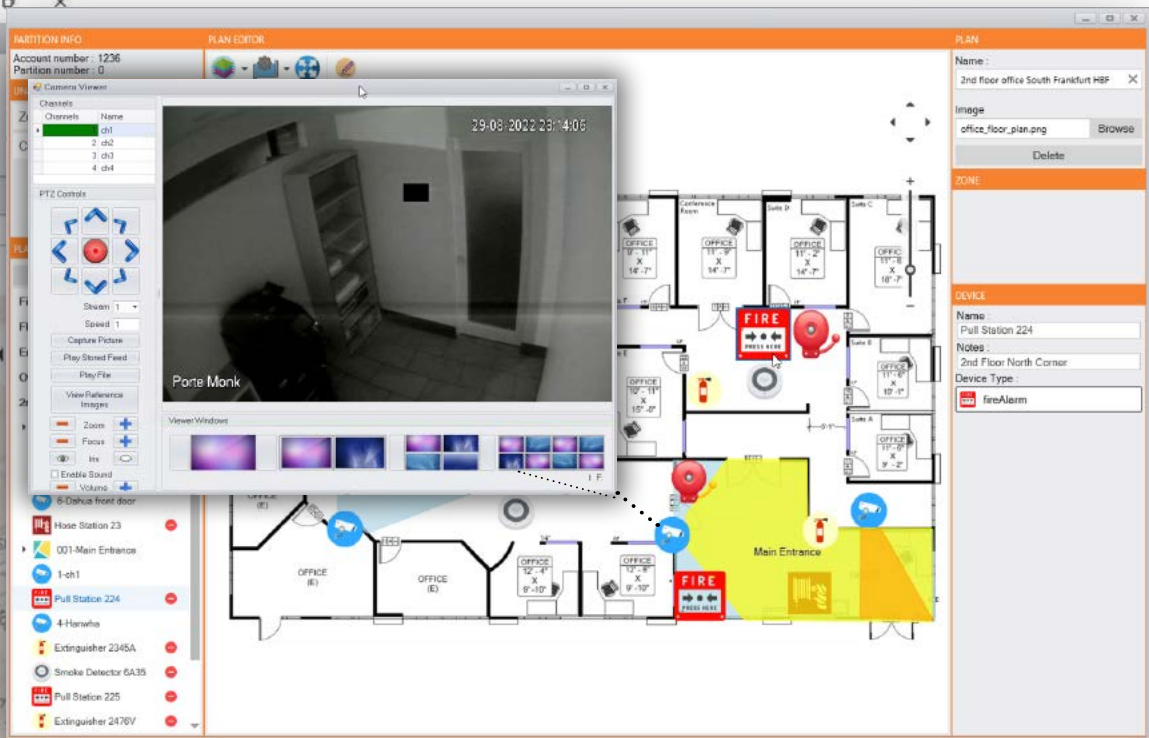
Preset regional map views, Neighborhoods, Boroughs

Shows armed/disarmed status in real time, directly on map

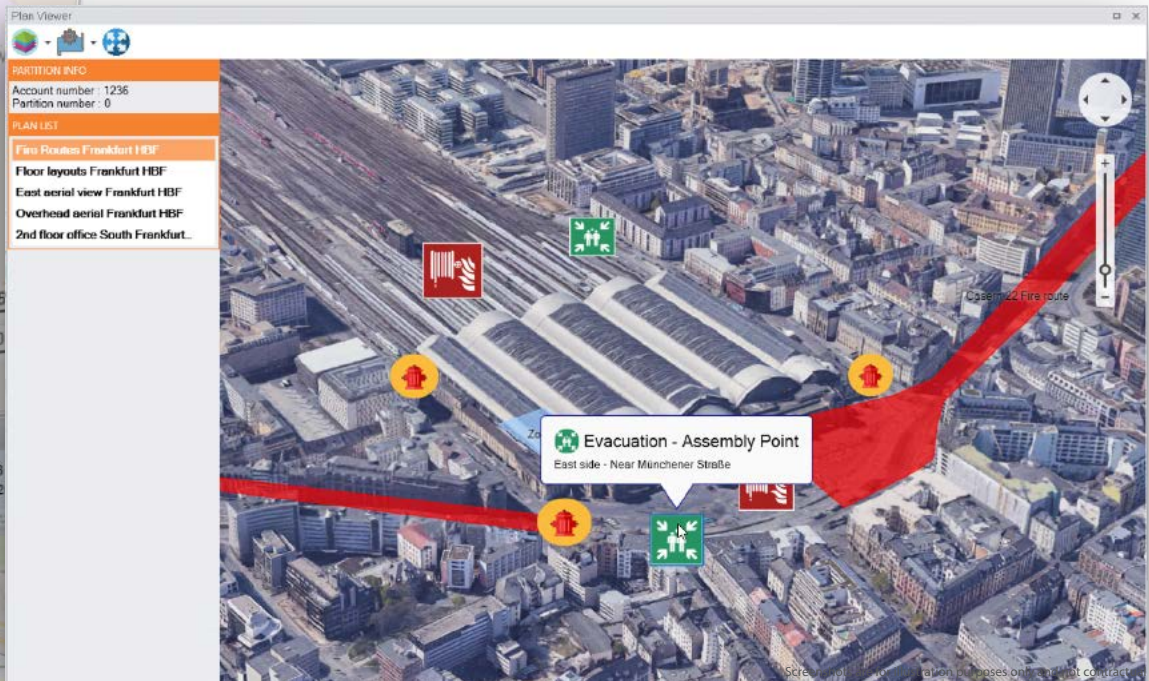
Numerous plans stored per site to show floors, surrounding grounds, access routes and many relevant details such as fire hydrants, exits

Initiate a call directly from Live Map and Click To Dial

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.

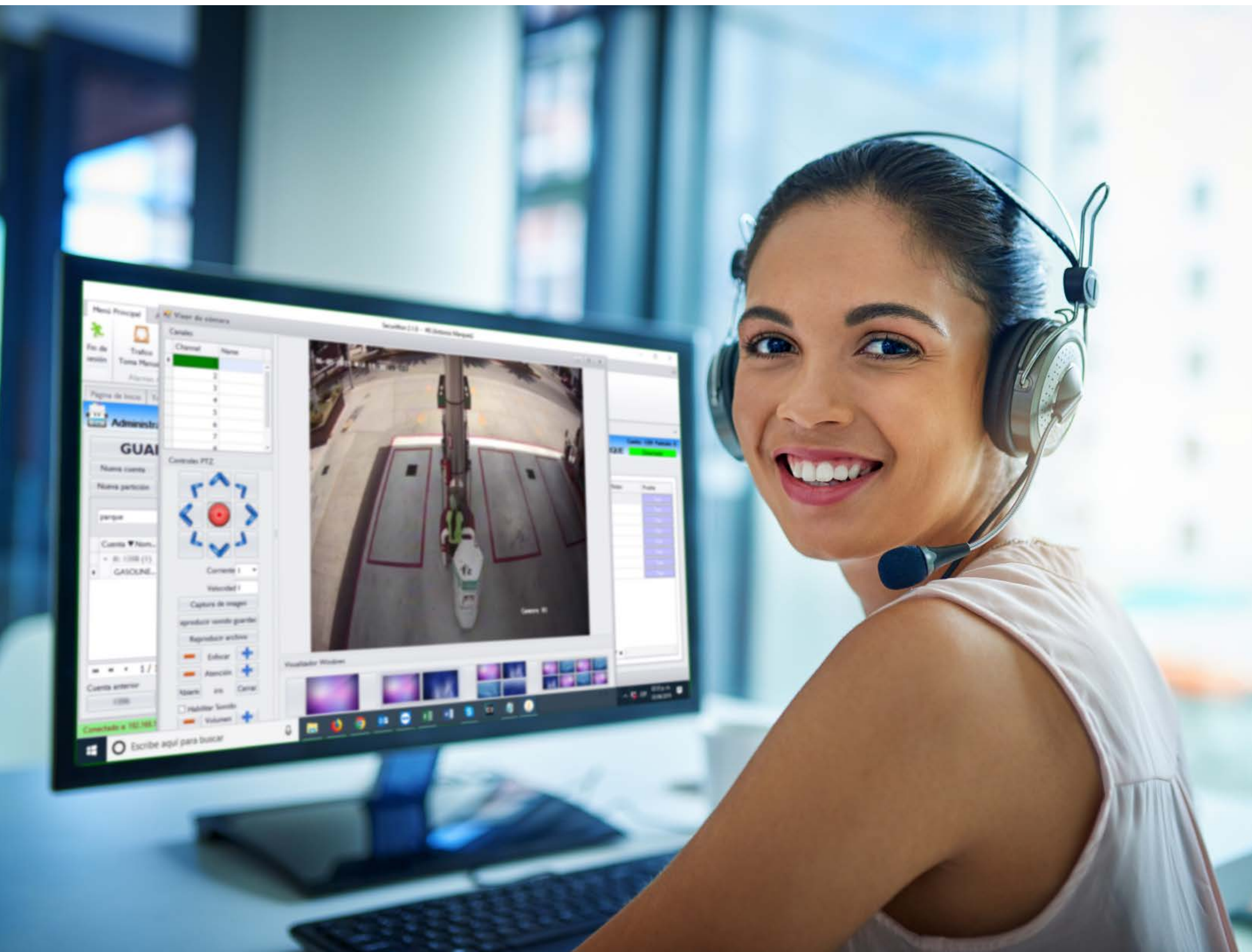


Complete info on fire alarms from plans: locations of pull stations, smoke detectors, hydrants, extinguishers, evacuation assembly points, fire stations, dangerous materials locations. As well as verification of smoke points and propagation from cameras.



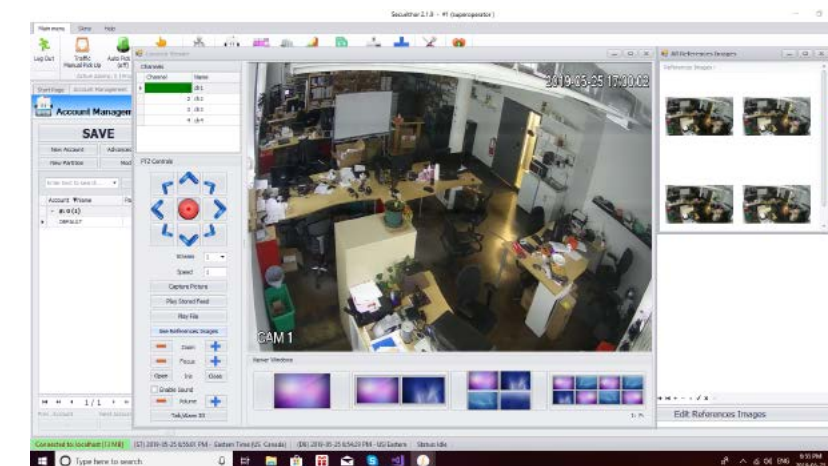


# VIDEO VERIFICATION



## 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 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

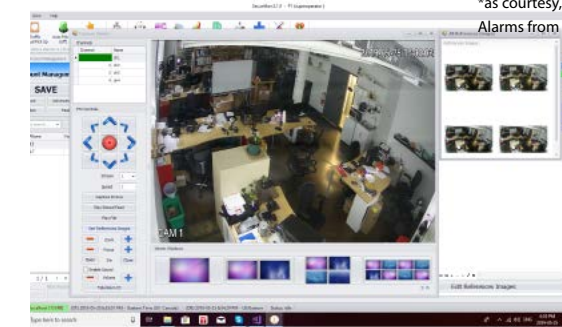
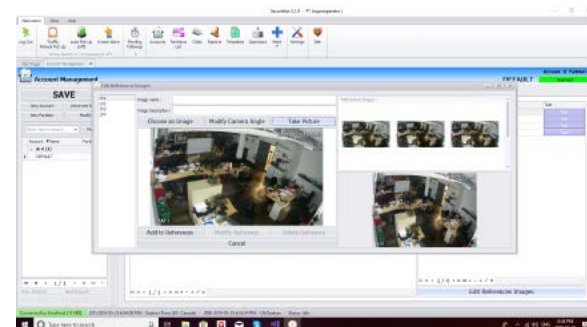
Use the MCDI viewer to verify recording directly on the NVR. Jump on timeline from SECURITHOR viewer.

## 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 ST5

.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, Hanwha 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, **EBS** AVAPro, **Hikvision** AXPRO, **MONITOREAL**, **RISCO** Vupoint

## Alarms from Video Analytics

BOSCH CBS, CAMECT, DAVANTIS, Hikvision, HIK-PROCONNECT, MONITOREAL, OPTEX CheKT. ULTIINOUS: U-Safe/U-Alarm/U-Filter.

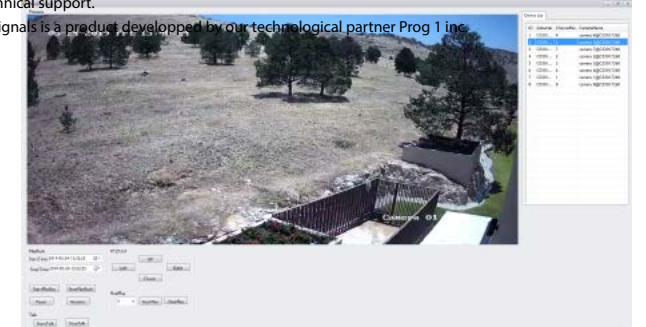
Q4 23: DAHUA Series 5

## Advanced integrations

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

\*as courtesy, no technical support.

Alarms from video signals is a product developed by our technological partner Prog 1 inc.





# ALARMS FROM AI

Better video analysis and AI are opening new doors for Alarm Receiving Centres no matter if you are operating a commercial central or the security department of your bank, plant or school.

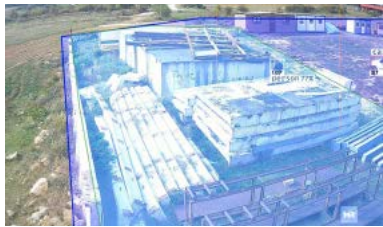
By receiving an image confirmation along with the alarm signal, SECURITHOR makes your response much faster than having to connect and look at a camera feed or call a site. And reduces false alarms tremendously.

## New detection types!

Who knew a few years ago that you could spot elephants going through crops at night? No need to keep watching an LCD display all night long. AI Video Analysis detects the animal and reports to the SECURITHOR operator.



Long-range detection are costly, especially in a yard or parking. It's now easy with cameras. AI detect a person moving or hiding in between objects in a large yard. Cameras+AI are efficient and bring down the cost of this surveillance. ARC can now offer more to their customers often using in-place cameras.



Counting cars in a parking lot is super easy when it's done for you. Several solutions can distinguish between multiple types of objects found in the lot. Video Analysis detections often have precise descriptions thus making the operator's job easy.



Cars moving in a parking lot are detected. Ignore passing by cars and focus only at vehicle blocking your entrance using the loitering filters. The alarm signals received along with an image/clip is showing just that. Get notified only if a car is crossing the parking entrance by placing zones of interest in busy environments.



**ALARMS COME FROM IMAGES. IMAGES COME WITH ALARMS**

**REAL-TIME INSIGHTS**

**BETTER DECISIONS BY OPERATORS**

**REDUCE FALSE ALARMS**

**GO BEYOND ALARM PANELS: OFFER MORE SERVICES WITH MULTIMEDIA ANALYTICS.**

No more blind detections! Video Analytic detections from cameras and NVR are reported as alarms to SECURITHOR, most often with an image proof so your response time can be ultra rapid and pro-active, without waiting for site verification.

New type of detections are possible: thermal, line crossing, people counting, man down/fall detection, loitering, cars entering or leaving parking lots, construction site safety, and even animals detection.


2 components in SECURITHOR play an essential role to communicate with video detection equipment and services: the CAM+ and the STC cam listener modules both developed by our technological partner **Prog 1 inc.**

There are many ways to augment your services with Alarms from Video Analytics. These solutions are among our preferred in the CAM+ module:

**Ai-RGUS**  
**Ai-RGUS** Video analysis is also for maintenance. It's essential for large parks of cameras. Our latest integration is with Ai-RGUS, a service that checks your cameras and NVRs health. It automatically checks for camera down, image quality pro-blems (blur, block, tilt, glare, low-light), timestamp incorrect, and missing or not enough days of recordings. Anomalies are reported to SECURITHOR which alerts the duty operator, and are referred to site management or installer. Save thousands of dollars in daily camera checks and have peace of mind you will have the evidence you expect to have when you need it.


**BOSCH CBS**  
This Cloud Base Service reports analytics from Bosch cameras to SECURITHOR and gives operators access to clips and live camera feeds for fast and efficient alarm responses.

**CAMECT**  
Camera feeds are analysed by a powerful Cloud Server. SECURITHOR operators get an alarm signal with description and access to a clip showing the moment of detection.


**DAVANTIS**  
 A fusion of the leading video analytics software with highly advanced AI technology. Two powerful detection engines to stop security breaches. DAVANTIS is the most reliable choice for perimeter security and integrates seamlessly with SECURITHOR.

**ETA MODULE: Email to Alarms**  
Several cameras report alarms in a crude way: they send emails. Yes, you can convert an email to an alarm with Prog 1 ETA module for SECURITHOR. Operators view it in their flow including the image that was attached to the email.

**HIKVISION**  
Using the SECURITHOR CAM+ module, you can get multiple connections from HIKVISION devices. Either direct from cameras/NVRs or using the Hik-Proconnect. Hikvision offers the largest range of compatible cameras including thermal detection.

**MONITOREAL**  
 The uncloud solution! Our preferred when access to third part server is impossible. Monitoreal Security Assistant handles up to 8 local cameras and reports directly to SECURITHOR with picture proof.

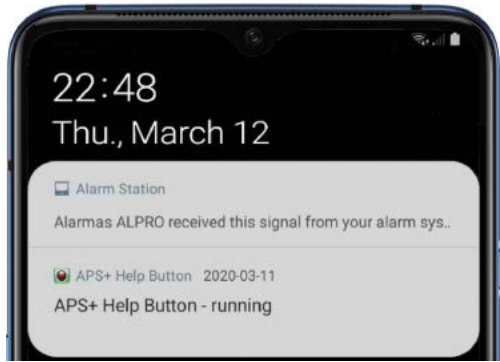
**OPTEX CheKT**  
OPTEX Bridge gets local cameras. Detection is made via Cloud Server. SECURITHOR operators get alarm notifications with a direct link to the video.

**ULTINOUS**  
 Ultinous AI Suite presents SECURITHOR with high-level detections. U-Safe offers Health & Safety features such as PPE detection, U-Alarm is a high-performance security detector. U-Filter is an alarm filtering solution, to sort out the nuisance alerts of local cameras equipped with legacy AI.

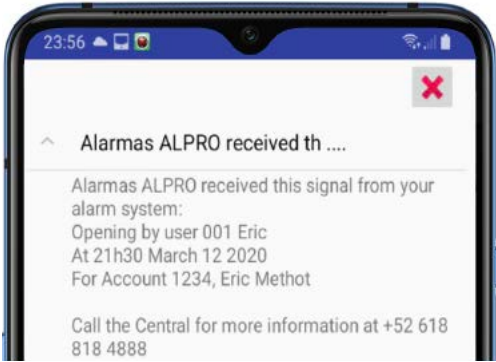


# Push Notifications

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



Notifications wake up phones



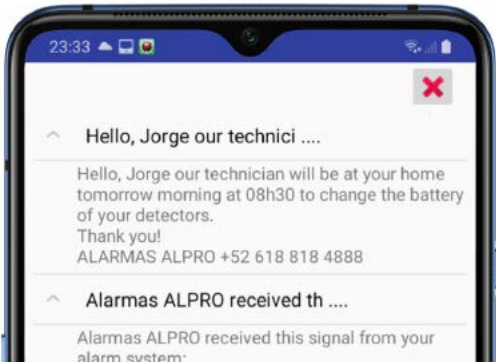
Alarm Signals delivered to Smartphones

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.

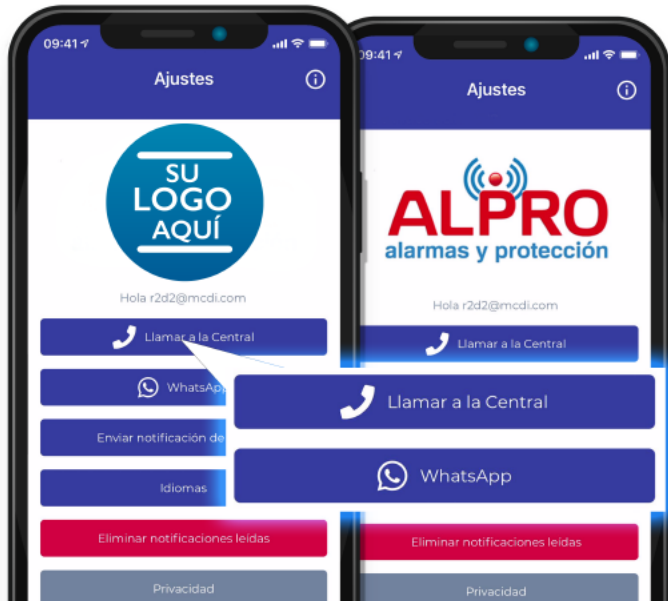
Each message is unique to your Central. Customize messages to your subscribers and select which alarm signals goes to whom. Set per account and alarm code. Notify up to 48 persons per alarm code.

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:

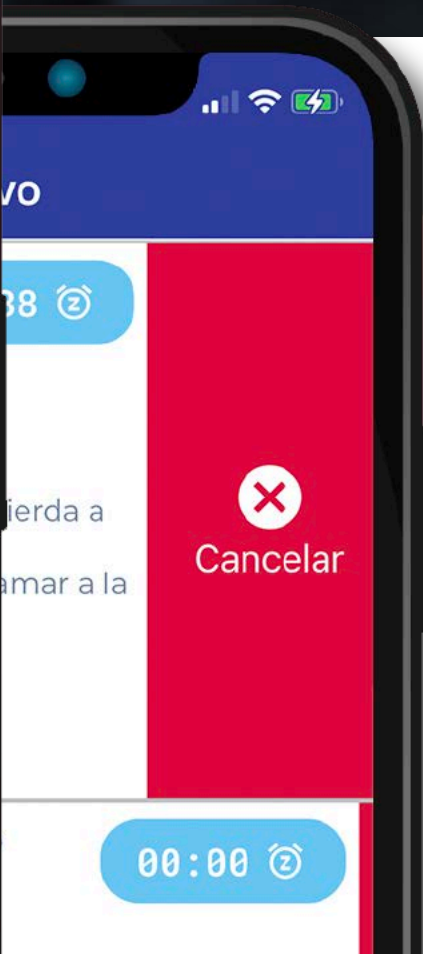
- Your Company Logo
- Your Phone number
- Your WhatsApp number

Available in 21 languages for iPhone and Android

Verificathor is developed by technological partner PROG 1



have the subscriber confirm the alarm



It's the ultimate way to reduce false alarms. The **VERIFICATHOR service** connects your SECURITHOR and your subscribers by having them confirm alarm signals before they are presented to the operators.

The subscribers confirms if a signal requires active response or not. They simply slide the event to the left and press cancel or slide to the right to request response by the ARC. You can set a timeout and decide if you allow them to request more time to decide. Plus you also get classic notifications and the gateway to send them push notifications on request.



# APS X Help Button App

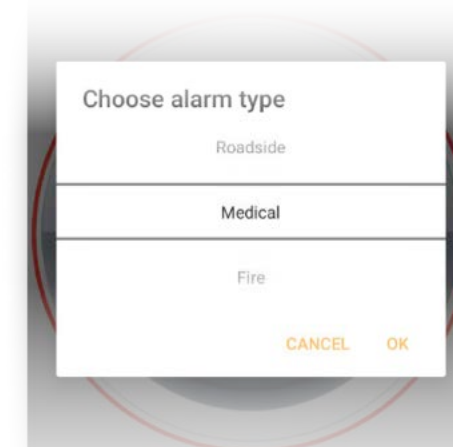
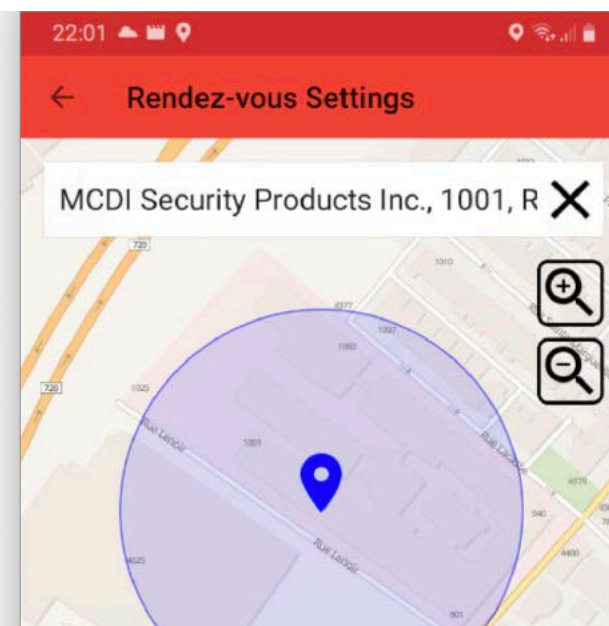
Provide assistance to staff and subscribers from their smartphones



## 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.



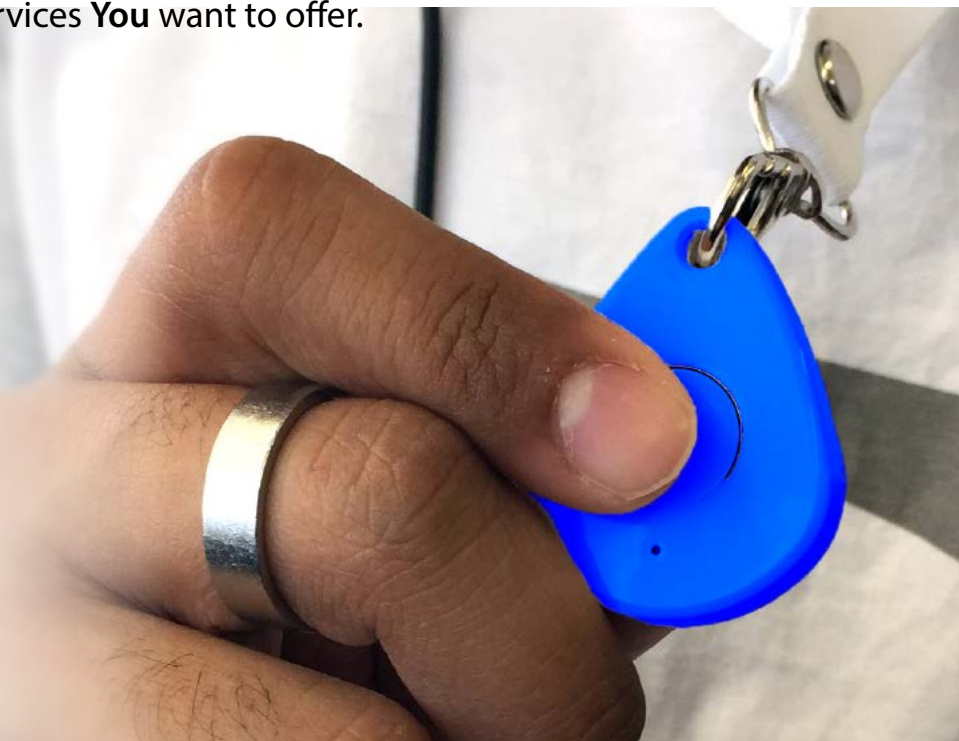
**Help Button** is a bluetooth button made specifically for the APS, APS+ and APS X apps.

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.



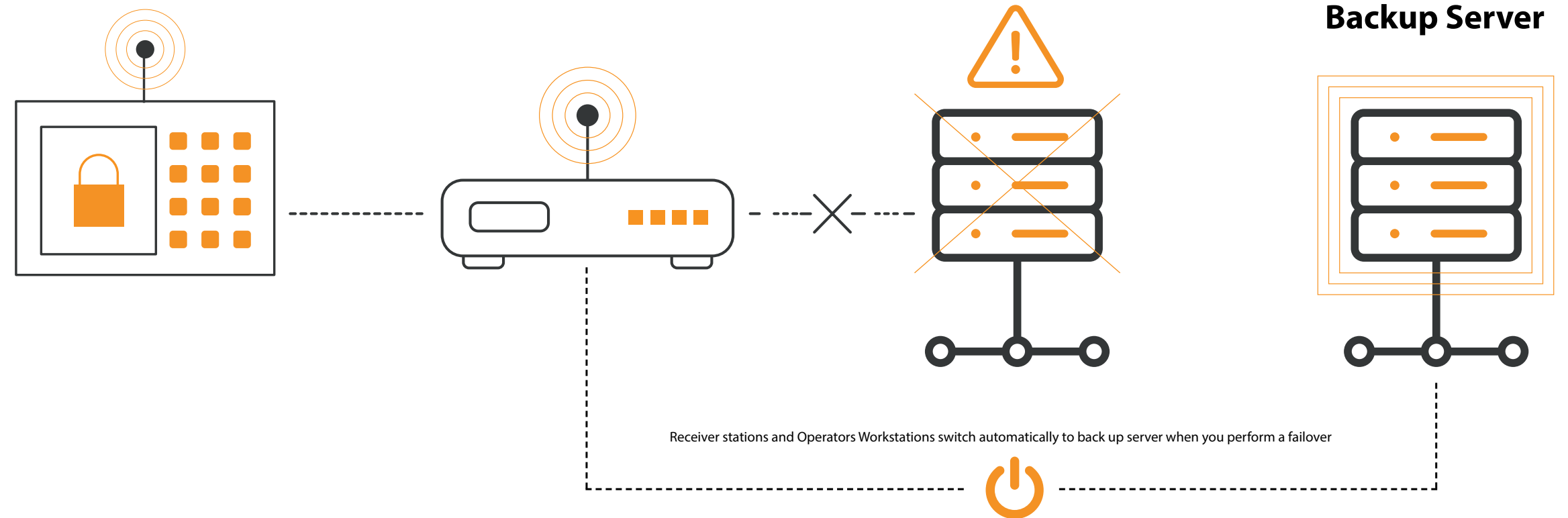


# LIVE BACK-UP

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

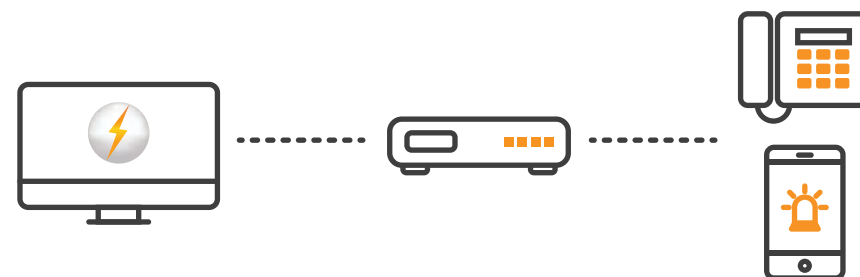


Recording module saves conversation with alarm event in mp3

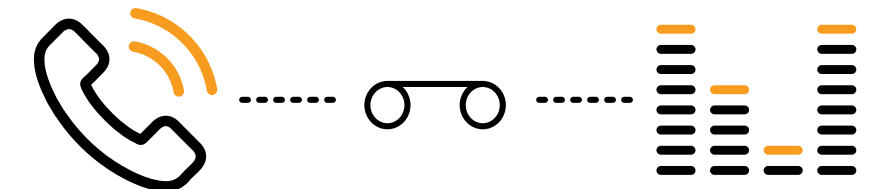


Identify caller by matching caller ID to contacts in accounts

SECURITHOR's **Click To Dial** initiates a call through your SIP PBX. This outgoing call is connected to the phone of the operator that clicked on screen.



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.





# 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.



**CRM integration: ODOO Plug in** Interface your Odoo CRM with your SECURITHOR Alarm Response Software. Your SECURITHOR accounts data are transferred to Odoo CRM. Account data entered in Odoo is transferred in SECURITHOR. Works with Community or hosted version of Odoo 11 to 15. Developed and supported by our long time SECURITHOR reseller **AARSOL**, Odoo Gold Partner and CRM/ERP Specialist.



**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 captcha 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 took

**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.



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 Viewer.

**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 up-time, 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.



**WHATSAPP:** alarm notifications to your subscribers WhatsApp numbers via Messagebird. Access to Messagebird inbox for more communication channels and interaction with Subscribers and transfers between Operators.



**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





mission control board

MCB

Mission #38450  
Guard Bashir A  
OTW to Suria KLCC  
3.158039, 101.711718







# MCB Mission Control Board

## Track and Dispatch Staff

The Mission Control Board works with the MCB Android app to locate and provide interaction between your base station and your mobile staff.

Know where your employees are, who is available, geofence them, send them missions, dispatch them on surveillance tours or visit/delivery itineraries.

Get proof of presence to your customers and enhance your services by sending them documented reports which include pictures and videos taken by your visiting staff.



# Missions, Jobs, Checkpoints, Itineraries, Visits, Deliveries, Pick ups, Tours, etc...

MCB makes sure you know which of your employees are available and dispatch them where you need the job done, no matter how you call this job.

You can prepare itineraries for scheduled work with both **MCB plug-in for SECURITHOR** or the stand alone version **MCB Go!**

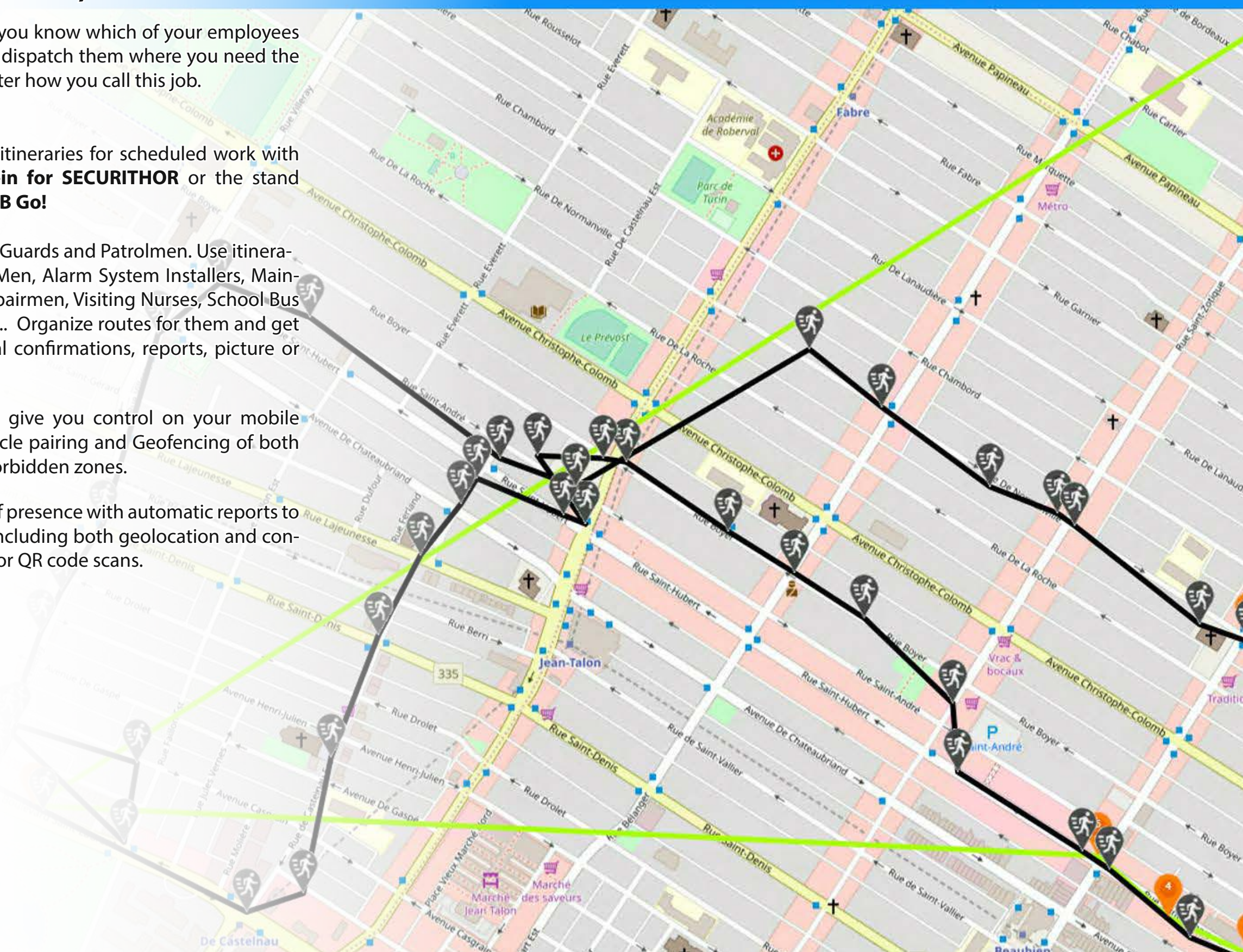
It's not limited to Guards and Patrolmen. Use itineraries for Delivery Men, Alarm System Installers, Maintenance Staff, Repairmen, Visiting Nurses, School Bus pickup routes etc.. Organize routes for them and get checkpoint arrival confirmations, reports, picture or video proof.

Multiple features give you control on your mobile staff such as vehicle pairing and Geofencing of both authorized and forbidden zones.

Confirm your staff presence with automatic reports to your customers including both geolocation and confirmation of NFC or QR code scans.

Report of Samedi by Sheldon Cooper

Started: 1:39 AM Ended: 2:48 AM Status: Completed



23:38

Tour details

Rosemont  
In progress

Current Checkpoint  
[333B , 0] - MCDI Da Rosemont  
5650 St-Andre

WRITE REPORT

Checkpoints

1 [333B , 0] - MCDI Da Rosem...  
5650 St-Andre

2 [3333 , 1] - LLLozeau  
6229 St-Hubert

3 [3333 , 2] - Renaud-Bray  
6255 St-Hubert

4 [3334 , 0] - St-Hubert Express  
6359 St-Hubert



# The MCB app

MCB is the multi tool your mobile staff needs. It does much more than a guard wand! It's the vital link between your base station and mobile staff.

MCB app is not just a tracker for your staff. It's a way to communicate missions, itineraries, and get your staff reports which include videos and pictures.

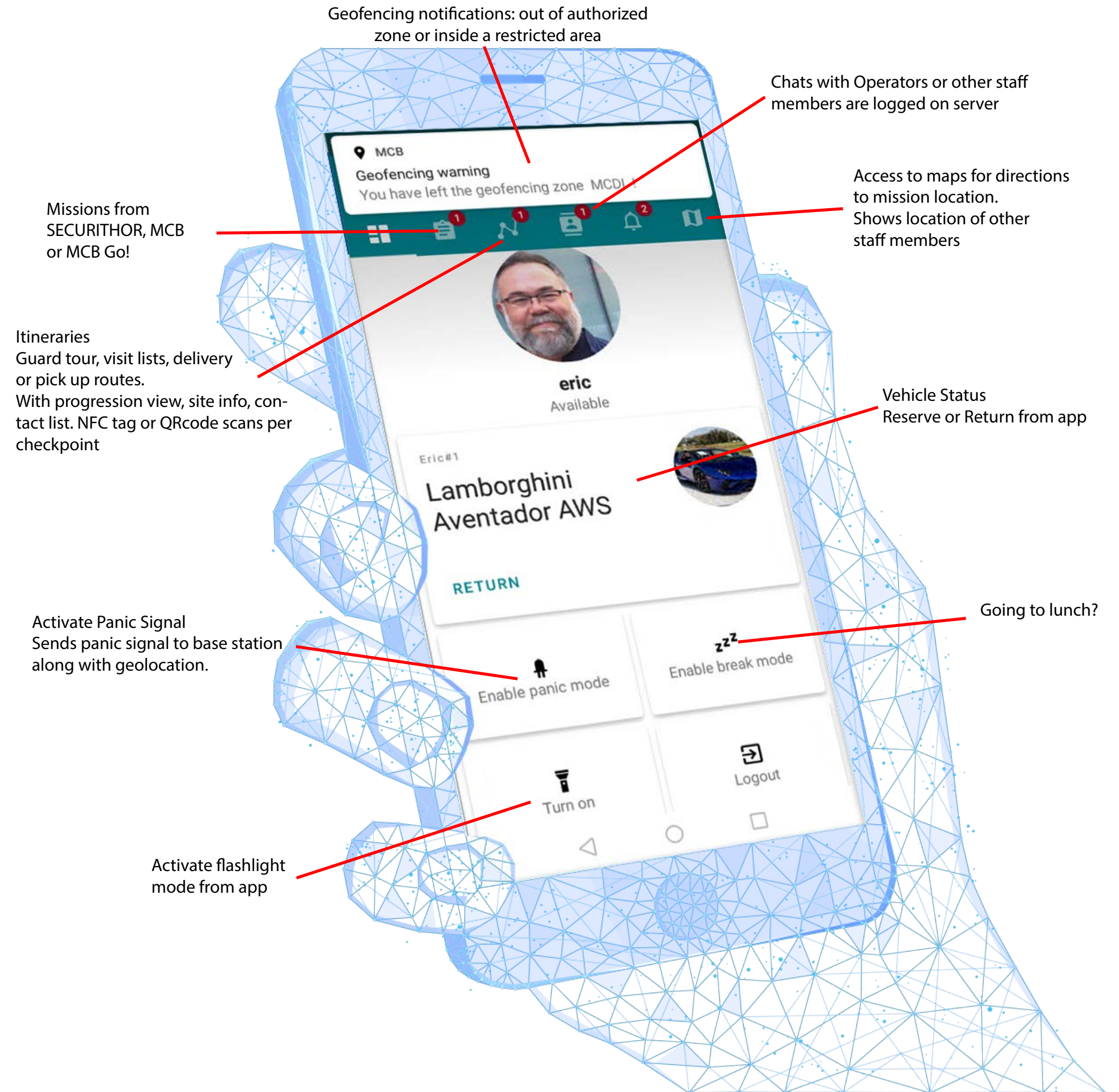
Connect up to 200 staff members to MCB by using the free MCB Android app.



Your Crew uses the MCB app to scan NFC tags, barcodes or QR codes for double confirmation of presence at visited site.

## Languages

MCB app is available in English, Arabic, Español, Filipino, Français, German, Greek, Hindi, Indonesian, Malaysia (Bahasa), Norwegian, Português, Romanian, Swedish, Ukrainian and Vietnamese. Contact us to add languages.





# Not only for Guards and Patrols!

Every company with mobile staff can use MCB.

MCB for SECURITHOR and MCB Go! will work for all your Mobile Staff no matter if they are doing pickup routes, school bus runs, delivering medication, equipment servicing, customer visits, building management, cleaning offices or security interventions.

Simply track your employees with the MCB app in their Android phone. View where they are on the map and send them jobs, either on demand or on schedule.

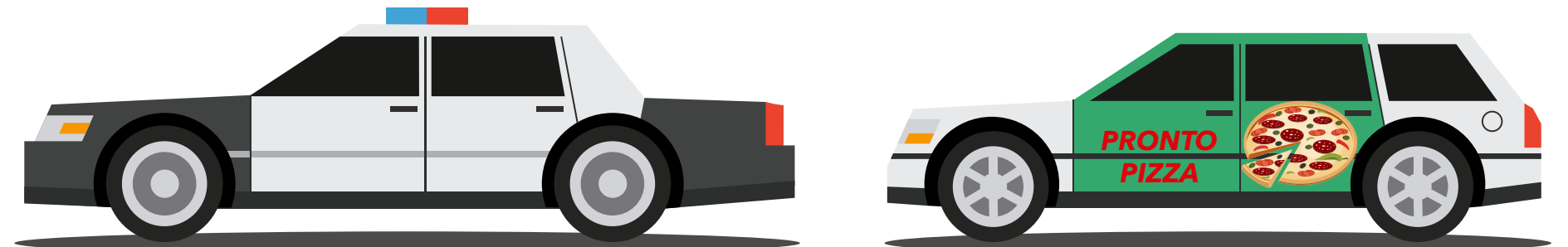
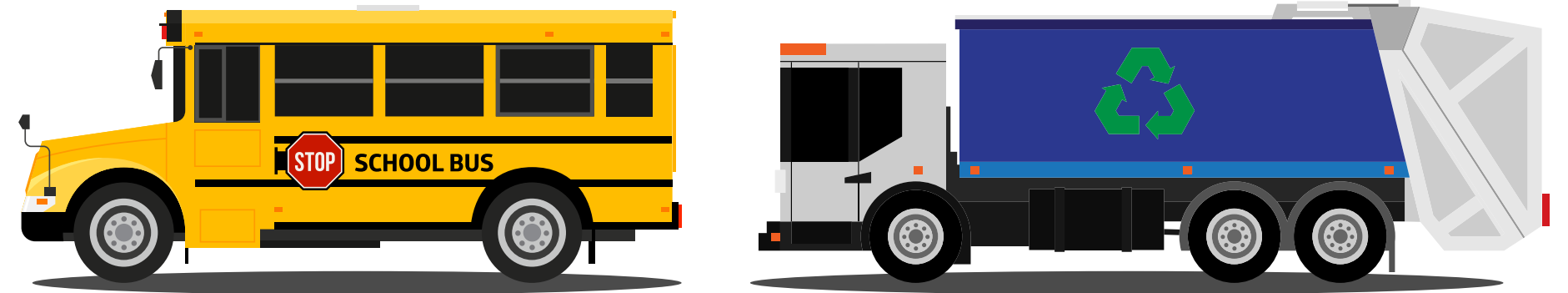


**MCB Go!** is designed to manage your mobile staff and does not need job transfer from the SECURITHOR Monitoring Software. It works completely stand alone without the SECURITHOR Monitoring Software.

Minus the alarm event transfer, MCB Go! has the same functionalities as the SECURITHOR Plug-in: track employees, send them missions or itineraries and get their confirmation of presence. Plus it also uses the same free MCB and TCB apps.

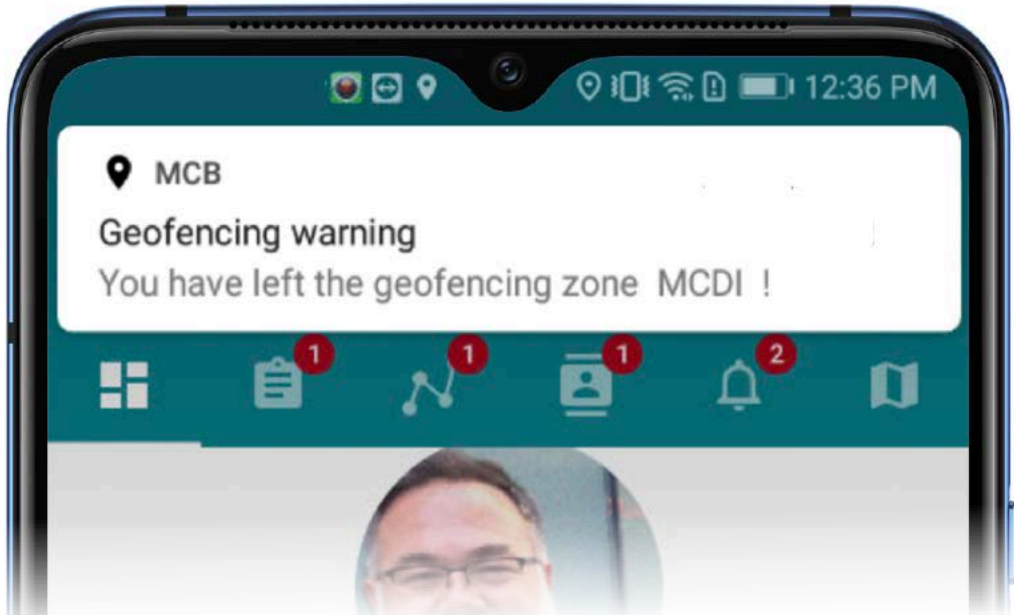
All the geofencing, QR code/NFC tags scanning, vehicle pairing, Reports with pictures/videos from staff are present in MCB Go!

MCB and MCB Go! are products developed by our technological partner Prog 1 inc.





# Where's W . . . . ?



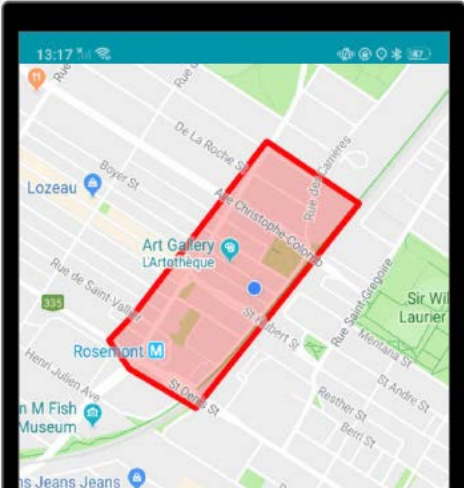
geofencing notifications appears when entering a forbidden zone or when leaving an authorized one.

## GEOFENCING: IN OR OUT

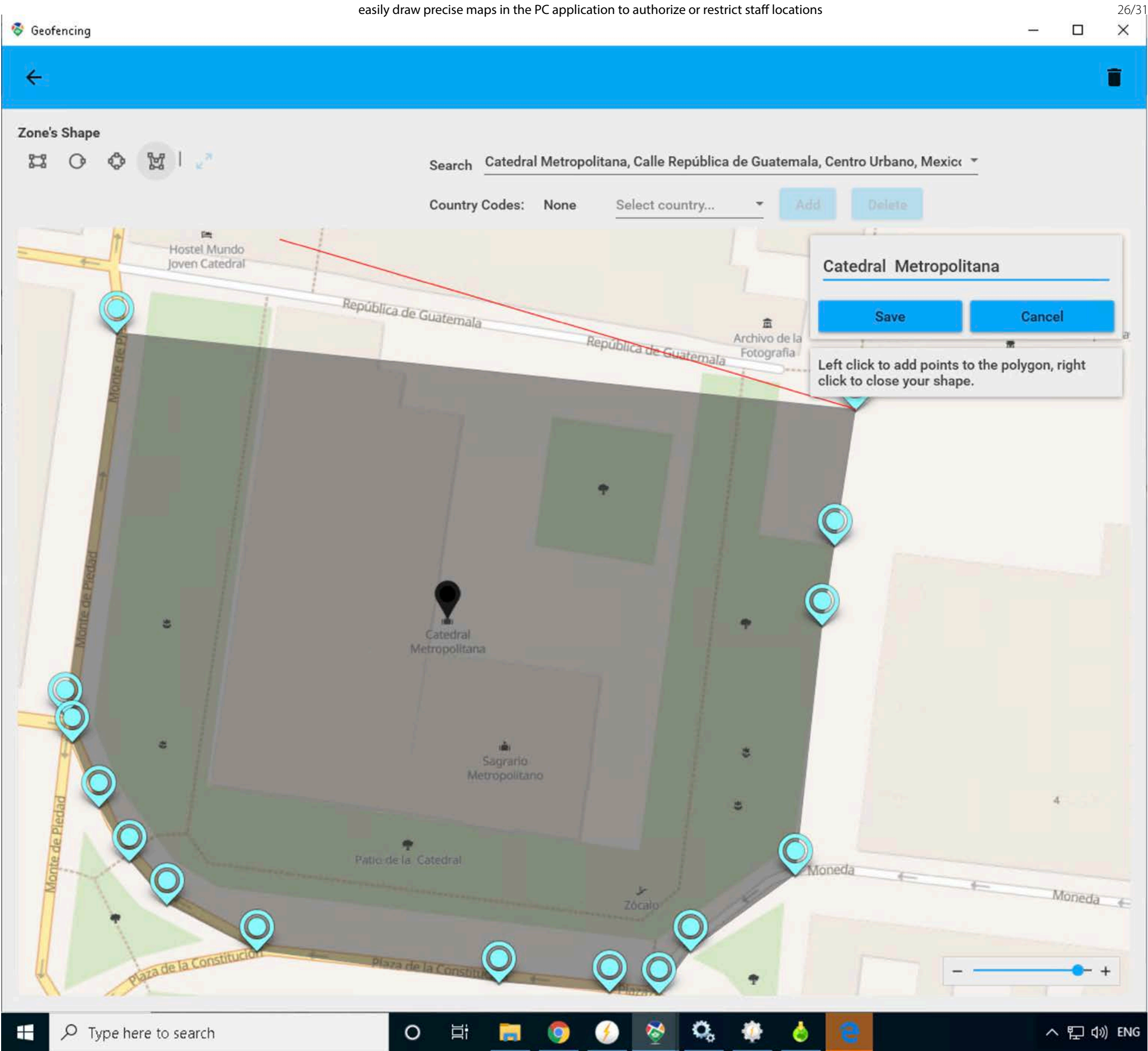
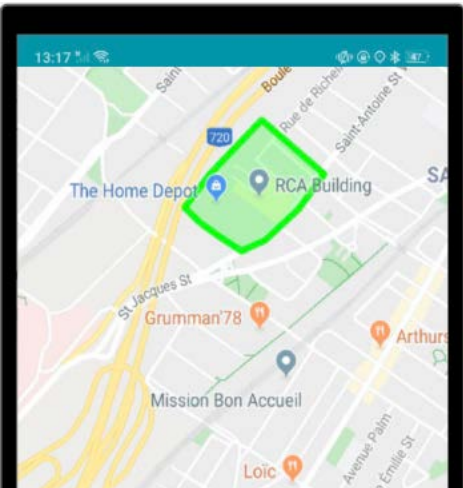
Draw zones on a map to assign staff members to a location. You will know if employees arrive on time and if they stay at their posting. Both base station and staff know because they get notifications when one steps out of an authorized zone.

Select forbidden zones to prevent unauthorized visits or to enforce allocated territories. Both type of geofencing are easily set on a map with drawing tools.

Forbidden zones show clearly in red



Authorized zone in MCB app shows in green





# I'm here!

Prove your service provision to your customers by automatically sending visit reports (email or sms). Reports include geolocation data, staff report with on site pictures and videos.

Double your proof with QR codes or NFC tags scanned at checkpoints or delivery/pickup sites. They are included in the email/sms report that is sent to the customer or supervisor.

## Need to know

who was where at midnight?  
where did your staff go today?  
who was the nearest to your customer at 13h00?

You can find this information in MCB and offer a proof of presence to your customers.

## Confirm presence with MCB

Each staff member is tracked along his journey. No matter if it's on the way to a Checkpoint or when scanning a tag. You can query their route to a location or get their location at a specific time. Place NFC tags to confirm your staff presence at checkpoints or on equipment to service.

## Email or SMS visit reports

MCB will send an email each time a checkpoint visit is completed. Use this feature to send a quick report to supervisors or customers. Email confirms location, report written by your staff, which NFC or QR code was scanned along with a link to view picture or videos taken by staff at the checkpoint location. Best way to prove your services!

Select as many addressees as you like. Reports are sent by email or SMS

Reports are sent seconds after completion of the checkpoint visits or cumulative at end of itinerary

Identification of the Checkpoint.  
Green checkmark confirms the visit is successful

Time of completion with report entered by your employee

Icon shows tag type (NFC or QR) with it's own designation.

## Report for tour #33

Checkpoint with position #1

✓ [333B - 0] MCDI Da Rosemont - MCDI Da Rosemont

Completed at **Thursday, December 19, 2019 10:43 AM (Eastern Time)** by **yoda : all is ok, the back door was locked. Nobody inside.**

More information

Id: **04E07F62625780**

Attachments

9.jpg

Completed successfully.

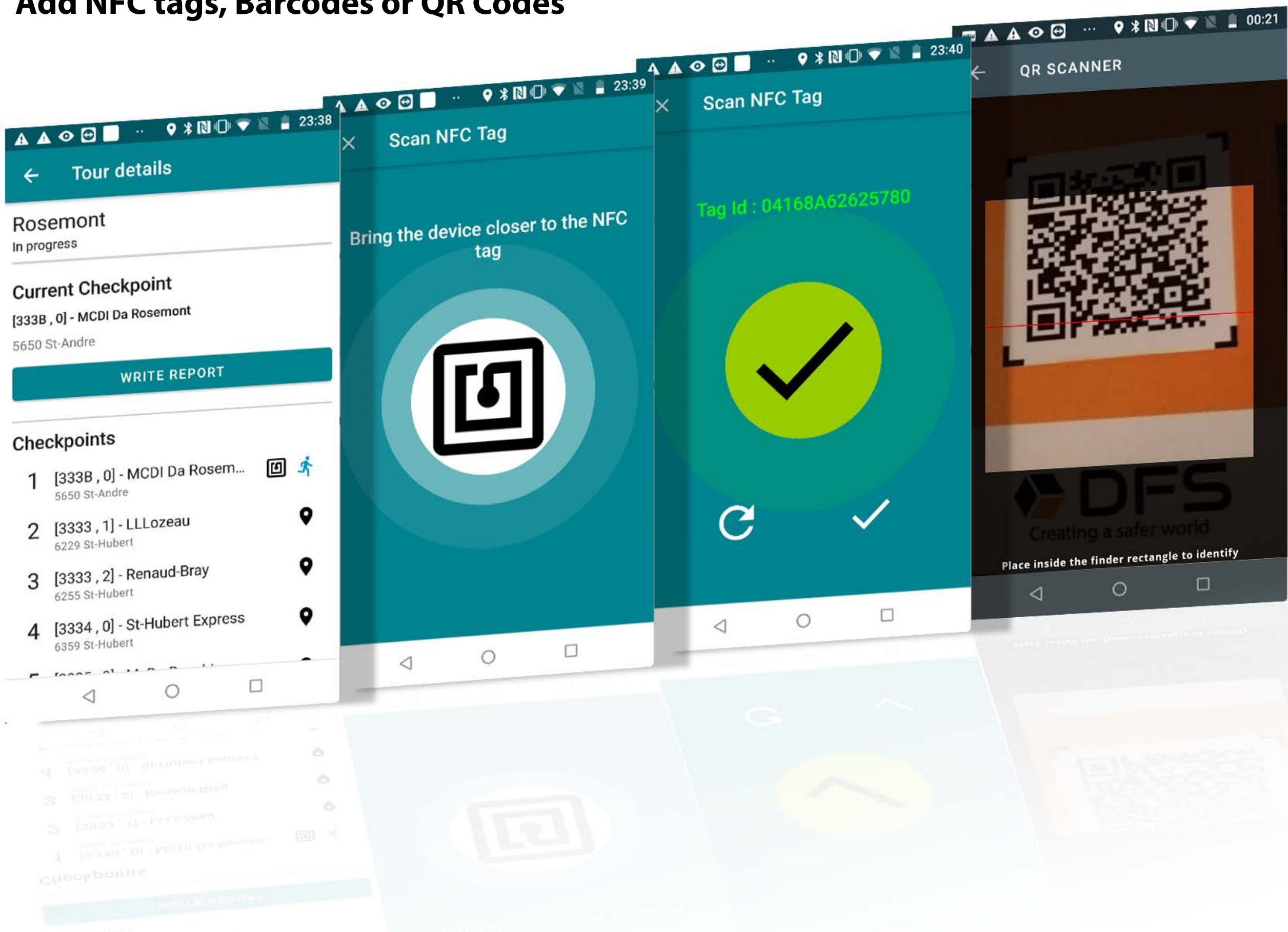
Clickable link. Opens location in Google Maps

Pictures or video taken by visiting staff are uploaded for online viewing by customer.



# DOUBLE VERIFICATION

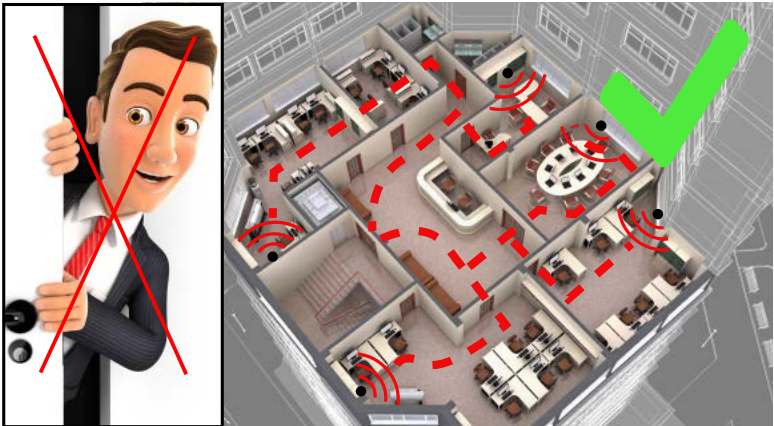
## Add NFC tags, Barcodes or QR Codes



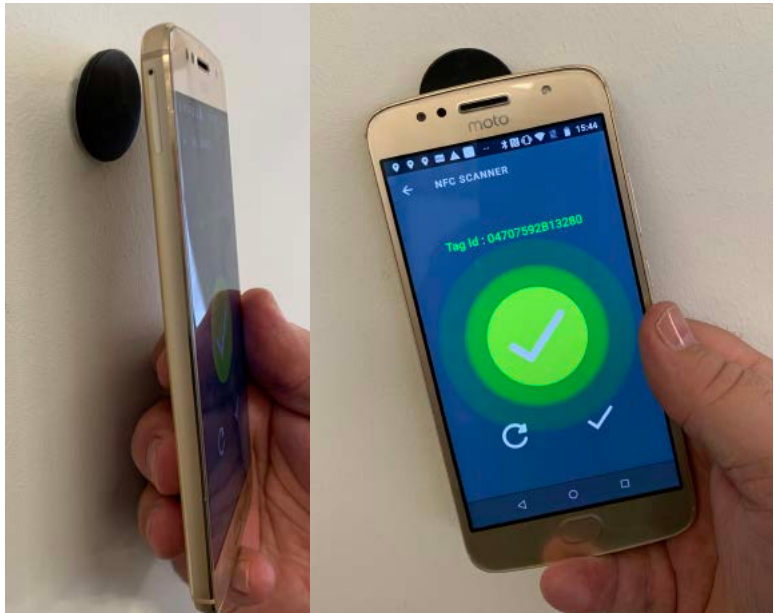
Place NFC tags, barcodes or QR codes to confirm your staff presence at checkpoints or at equipments to service. You can also request in-app signature from customers.

Using their phone and MCB app, staff members are required to scan NFC or QR. This makes a double verification added to the geolocation recorded.

Scanning a tag insures the employee goes to all floors or visits every room required in a tour. It also forces staff to go to the end of a room or verify a back room. Stay duration at site are also enforced by MCB app.



Scanning a tag affixed to equipment confirms the machine been worked on, a delivery site, a pick up site.





# Software Assurance

Get expert assistance for your SECURITHOR, from the makers



**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 worldwide, 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 and 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 wasting 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 re-start 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 receiver, alarms over IP

DT42ipm receiver, alarms over IP and phone lines

DT42gb 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

Consumption:

DT42/DT42gb: typical less than 1.1A 5VDC

DT42m/DT42gbm: typical less than 1.2A 5VDC

Communication:

DT42gb: Ethernet, USB, serial

DT42m/gbm: Ethernet, USB, serial, pstn

Dimensions:

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

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

Finish: bright orange enamel, black serigraphy.

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

### Formats and brands supported

3PX AR-535 4G

ALTEC ATLS Switch/GSM IP

Alarm.com

Ajax Hub (2019+ models or older with updated firmware))

AMC Electronica

ARTEC AR88

ARTIFEEL Check'In

AVS electronics Starlink 4G

Bosch 6512

Cirrus 4T

Climax TW

CROW Sheperd Cloud

CSV IP (limited application)

DAHUA Airshield

Digiflex Bosch

Dinsafer

ENIP

Eldes/Eldes Kronos

Focus/MEIAN STIII FC-7688plus

GSD Global Security Devices

Hikvision AXIOM, AX Pro (alarms only)

INIM Smart Living, Prime (Lower ascii table)

IBO BG

Jablotron Cloud

Kerui/Wolfgard G9B0

King Pigeon G5

Knookbox

Ksenia

Mars-Commerce Zeus

MAXKIN

MEGA-X Maxtechnologies

MyAlam Asia-Pacific Europa

M2M Services Bulgaria- America-México

MLR2

MOBYLINK

Nookbox

Nanocomm (nanomir)

NAV87XX

NETIO Novation Security

Optex Genio ST/Genio Advance

PIMA Force Series

PIMAlink 3.0

Pyronix ENIP

Rightkey

Risco Cloud (Alarms only)

Risco Agility, Lightsys 1 SIA

Roel Multicomm, CERBER, Xguard IP

ROF

SATEL gprs-a/gsm-x

SECOLINK Pas816, GSV5, GSV6U

Scienteck TW

Sigma GR

Sigma L16

SUPA L16

STANIOT H502 H700,

Tecnoalarm

Telesignal

Telenot

Trikdis G09/G10/G16/G17/ SP231

TOPKODAS GTalarm2, GTCOM2, GTM1

TELL

TEXECOM Monitor

UNII

Vanderbilt Flex C (special license)

Wolf Safety (Italia)

SIA DC-09 2007 TCP/UDP

SIA DC-09 2011 TCP/UDP

SIA DC-09 2012 draft TCP/UDP

SIA DC-09 2013 TCP/UDP

SIA DC-09 2017 TCP/UDP

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

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

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 information.

**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- ish, Sweduish

### Warranty period

DT42 is backed by MCDI SP 1 year limited warranty. Programming up- dates are free during the warranty period.

DT42 is reporting in standardized formats to most Automation Software on the market including SECURITHOR V2, SECURITHOR V1, WinSAMM, SAMM, A-traq, Bold Gemini, Bold Manitou, Central Works, MAS, Mi- crokey, Patriot, SIS, SIMS. Direct IP connection to third party software available with supplied component.

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

DT42 specifications are application to version 2 units. Refer to MCDI to know if your v2 unit can be updated.

## MCB Mission Control Board 2.50

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

### MCB Mission Control Board

Workforce Track and Dispatch.

Configurations:

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

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

### Technical requirements

MCB Android app 10+. 100MB space. GPS capacity and Internet con- nection for communication to station.

Bandwidth according to size of information transferred.

Station requirements (PCB application, staff of 10, no other application sharing PC with PCB to the exception of SECURITHOR FOR MCB plug-in):

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

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

Bandwidth according to size of information transferred.

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

Compatible outgoing mail server and ftp space for checkpoint notifi- cations.

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 con- nectivity.

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

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

## SECURITHOR MONITORING SOFTWARE

version 2.51 and over

### Configurations

Single PC:

STL Starter kit

ST1 SECURITHOR V2 one station, unlimited accounts

NETWORK EDITION:

STS Server license

STWx Workstation license according to number selected.

### SECURITHOR Add-on Modules (options)

#### APS X Assistance app for iPhone and Android.

Compatible with Android 9+ and iOS 15+



Individual phones not supported.

Functions of the iOS and Android apps differ due to Apple privacy poli- cies. Some functions are not available on iOS

Bluetooth button offered as recreational or convenience purposes. 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

Product by technological partner Prog 1

STL: CAM and CAM Premium are options

ST1/STS: CAM included, CAM Premium as option

### CAM module

Devices to ST: Hikvision, Dahua, EPCOM

Automatic opening of provisioned video feed with pre-alarm

Video feed recording.

Audit trail for activation without prior alarm signal.

Screenshot on demand for MCDI Viewer.

Control of zoom, iris, focus, ptz, 2 way audio, relays (when applicable)

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 Listener for direct Hikvision and Dahua device alarms.

.Reference images tool in selected MCDI Viewers.

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

**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, Risco Cloud, ULTIINOUS, Visonic Visnap (with MCDI VOD) Visonic Pow- er Manage. Subscription with third part services may be required, not included.

For SDK integrations (Devices to SECURITHOR):

Video feed recording

Pre-alarm opening (setting per device)

Screenshot capture on demand.

.External jump http link, rtp, rtsp, jump to external windows app

.Push Notification and Verification Services

.Web Access Module

.App personalization

.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 traffic.

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.

### Email and SMS

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

Product developped by tehcnological partner PROG 1 inc.

Optional plug-in Module for SECURITHOR. 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.

Access to camera tributary of SECURITHOR cam license and viewer.

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

### 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):

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
3x1	BFSK,CFSK, VFSK)
4x1	3x1 extended
4x1 extended	3x1 extended compressed 4x2

4x2	4x1 extended compressed 4x2
MC42	Zero removed 3x1, 4x1, extended.
Optex's Varitech	C&K: Bell 103A2

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 com- munication. Designed for Epson T88V USB and Epson LX 300 families. Converters not supported.

### Power Requirements:

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

### Station Requirements:

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

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 and 10.

### 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.

Energy saving automatically switches LCD backlight when switching to battery.

### Relay

D4 is fitted with an internal relay to trigger externally powered devices such as a visual indicator, strobe light or siren. Terminal posts, dry con- tacts, 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.

### Station Requirements

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 compati- ble ETSI types) for Calling phone number to display.

**Warranty** Exprecium d and D4 are covered by a one year limited war- ranty. 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

USB drivers supplied 7, 8, Server 2012. Serial communication with DOS, Linux, and Windows. D4 can be configured and operated without PC or with PC using OS with .net 3.5 enabled.

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

Programming updates are free during the warranty period. Power surges 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 per- formed nor provided by MCDI. Rohs compliant, FCC, IC, CE, TBR21, EN50136

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 stan- dard 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 updated.

All software products require admin user and a standard Windows without modification of reg- istry, configuration and security level.

Several products are developped or maintained by our technological partner Prog 1 inc.

All specifications valid for equipments and software made after July 2023



## PRO CENTRES:

### Worldwide

#### MCDI Security Products Inc.

6556 boul. MONK Montréal QC Canada  
English speaking line: 1-514-481-1067  
Spanish speaking line: 1-514-487-0441  
securithor@mcdi.com www.mcdi.com



#### SECURITHOR <> Odoo Solution

##### AARSOL Private Limited

Technological partner for Odoo integration  
3401, 3rd Floor, National Science & Technology Park  
Islamabad 44000 PAKISTAN  
Cell 00923444440196 ghulam.rasul@aarsol.com  
aarsol.com/secrithor

### EUROPE

+Angola, Brasil, Cabo Verde, Equatorial Guinea, Bissau Macau,  
Moçambique, São Tomé and Príncipe

#### SANCO Produtos Electrónicos

Sérgio Lapa +351 223 710 845  
Rua dos Lagos, 545,  
4405 - 875 Vila Nova de Gaia, PORTUGAL  
sanco@sanco.pt www.sanco.pt



### MEXICO



En la República Mexicana:  
Teléfono: 01 614 415-2525  
En Estados Unidos  
Teléfono: +1 915 533-5119  
Ave. 20 de Noviembre #805  
Chihuahua, Chih. C.P.31000 Méx.  
Internacionales: (52)+(614)+15-25-25  
www.syscom.com.mx ventas@syscom.com.mx



### SOUTH EAST ASIA

Australia, Brunei, Cambodia, Indonesia, Malaysia,  
New Zealand, Philippines, Singapore,  
Thailand, Vietnam

#### STRATEL (M) Sdn Bhd



##### S.E.A. MASTER DISTRIBUTOR Hazwan Hanafi

Product Specialist at Stratel (M) Sdn Bhd  
WhatsApp/Tel: +6012 283 1848  
hh@mcdi.com  
12 Jalan Teknologi 3/3A,  
Surian Industrial Park, Kota Damansara PJU5  
47810 Petaling Jaya, Malaysia  
Tel: + 60 3 6157 1848  
www.stratel.com.my



### Sudamérica Todos los países

MCDI Do México  
En Español: +514-487-0441  
México: +52 618 825 4493  
ventas@mcdi.com



Technological partner for add-on modules:  
PROG1.CA Software Maker, Trois-Rivières Québec

### ARGENTINA, URUGUAY



#### 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

### AZERBAIJAN

#### A+A Security LLC

24-B, Akhmed Bey Aga oqlu st.,  
Baku, AZ-1008, Republic of Azerbaijan  
Tel.: +99412 480 54 84 (ext. 417)  
ali.g@aplusa-security.com  
http://www.aasecurity.az

### BOLIVIA

#### DSS Digital Security Systems

Calle Joaquín de Velasco #444 Esq.  
Tel: +591 3 335 3800  
dss.com

### CANADA, FRANCE

and Caribbean, West Indies, Caraibes et Antilles françaises,  
Guyane Française, Haïti, Martinique, Guadeloupe



MCDI Security Products inc.  
Montréal HQ

### PROG 1 inc.

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



### CENTRAL AMERICA

Belize, Cuba, Dominicana, Guatemala, Guyana, Honduras,  
Nicaragua, Panama, Surinam, Venezuela

#### EPCOM International Sales Dept.

En Español  
Oficinas en El Paso, Miami, Chihuahua  
p. +(305)889 1127, +(915)533 5119  
w. www.epcom.net , www.syscom.mx

### MCDI De México

#### Durango México

En Español: +514-487-0441  
México: +52 618 825 4493  
ventas@mcdi.com

### CHILE

#### Videovision

Fonos (02) 2848 48 69  
Direccion: Joaquin Walker Martinez 3520 –  
Ñuñoa – Santiago – Chile  
mauricio.rodriguez@videovision.cl  
www.videovision.cl

### COLOMBIA

#### SYSKOM Colombia

Cra 90A N° 64C38 Alamos Norte  
SYSKOM Oficina: +57 (1)7443650  
www.syscomcolombia.com  
ventas@syscomcolombia.com

### COSTA RICA

#### INTRADE ABC

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

### DACH Deutschland, Österreich, Schweiz

#### SIREUS GROUP GmbH

Am Wickenstück 15  
61462 Königstein i.Ts. Germany  
Fon +49 6174 / 99393-0  
info@sireusgroup.com  
www.sireusgroup.com

### ECUADOR

#### MACROQUIL S.A.

Isla San Cristóbal 780,  
Quito 170137, Ecuador  
Tel: +593 2-224-4068  
info@macroquil.com

### EL SALVADOR

#### SIT SISTEMAS DE INTEGRACION TECNOLOGICOS,

Tel 503-284-9108  
SAN SALVADOR, EL SALVADOR  
sitecnicos@yahoo.com

### GHANA, WEST AFRICA

#### IM Technologies

Ph: +233576547760, +233543514453  
2nd darko lane north kaneshie point 4 Accra.  
Accra, Ghana  
info@imtechnologiesgh.com  
Skype:isaac863

### GUATEMALA

#### COSESA

Guatemala, Guatemala  
(502) 2360-0880,  
ventas@setelco.com.gt  
www.cosesa.com.gt

### INDIA, BHUTAN, NEPAL, SRI LANKA

#### TRADESEC NDIA PVT LIMITED

Office– 07/08,4th Floor, Shivam Trade Center  
Near Kalali Fatak,Suburb: Opp. Sai baba School  
Vadodara, Gujarat 390012  
Mobile: +91 99250-04472  
www.tradsecmcdi.com  
india@tradsec.in

### ITALIA

#### VOYAGER s.r.l.

via Rivani, 37/b 40138 Bologna  
www.voyager-srl.it  
f.bassi@voyager-srl.it

### LITHUANIA

#### TOPKODAS, JSC

LT-54311, Kauno r. Lithuania  
Ph: +370 655 58449  
sales@topkodas.lt | info@topkodas.lt  
www.topkodas.lt

### MAURITANIE, Afrique francophone

#### KREBICHA SECURITE

250B zone université, Tévragh Zeina, Nouak-  
chott, Mauritanie  
Tel : 00 (222) 45245037  
krebichasecurite@gmail.com  
www.krebichasecurite.com

### MAURITANIE, Afrique francophone

#### MAURICONSEIL GLOBAL

Tevragh Zeina MDA  
Nouakchott, Mauritanie  
Tel : 00 (222) 22664464  
Canada: 514-400-6464  
WhatsApp: 00 1438 879 8940  
mauriconseilglobal@gmail.com -

### Middle East

#### ACTS

distribution@acts-creative.com  
www.acts-creative.com  
Tel # U.A.E: +971 4 2887501  
Mobile #: India: +91 8125 898 170

### PAKISTAN

#### Developer of SECURITHOR-Odoo Solution

##### AARSOL Private Limited

3401, 3rd Floor,  
National Science & Technology Park  
Islamabad 44000 PAKISTAN  
Ghulam Rasul skype: gr.dunya  
Cell 00923444440196  
ghulam.rasul@aarsol.com

### PERU

DSS Digital Security Systems  
Tel: +591 3 335 3800  
dss.com.bo

PORTUGAL, Angola, Brasil, Cabo Verde,  
Equatorial Guinea, Bissau Macau, Moçambique,  
São Tomé and Príncipe

### SANCO

Sérgio Lapa sanco@sanco.pt  
Rua dos Lagos, 545,  
4405 - 875 Vila Nova de Gaia  
+351 223 710 845

### ROMANIA, MOLDOVA

#### VELSIGUR SRL

Vlad Velicu  
Piatra Neamt  
office@velsigur.ro  
0040.744.123.047

### SWEDEN

#### OBECOM

Öberg Communication AB  
Romma Bengtsgattu 5  
SE-793 91 Leksand Sweden  
+46-70 212 26 63  
bert.oberg@obecom.se

### UNITED STATES

#### ALARMSOFT

576 N Birdneck Rd #106  
Virginia Beach, VA 23451  
sales@alarmssoft.com  
Phone: (757) 226-7226

### MONTGOMERY AMES Associates

Representative in New England and NY  
Blair Ames  
blair@montgomeryames.com  
Wareham, MA 02571  
PH: 1 (617) 464-3600  
Mobile: 1 (781) 910-7015

MCDI SP products are also sold directly  
in many countries where MCDI SP is not  
represented. Contact us at:  
sales@mcdi.com  
+514-481-1067

### BECOMING A MCDI DEALER:

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



MADE IN CANADA