



**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 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

**MCDI Hong Kong + Philippines**  
**Roland BERNAL**  
Mobile/WhatsApp:  
HK: +852 9853 8516  
Philippines: +0917 637 4581  
skype: live:bernalroland  
rb@mcdi.com

**MCDI Ibérica**  
**Sérgio Lapa**  
Mobile/WhatsApp+351 223 710 845  
Rua dos Lagos, 545,  
4405 - 875 Vila Nova de Gaia, PORTUGAL  
hola@mcdi-iberica.com

**South East Asia**  
**STRATEL (M) Sdn BHD**  
**Hazwan Hanafi**  
MCDI Product Specialist  
WhatsApp/Tel: +6012 283 1848  
hazwan@stratel.com.my





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**MCDI Security Products** is located in Montreal Canada and has been serving the Security Community since 1994 under original management. MCDI has been at the forefront of several significant advancements in the Alarm Industry, from the groundbreaking TLR alarm receiver on PC board to the innovative Extrium line of multi-format IP receivers.

Our diverse clientele is united by the common objective of safeguarding people, buildings, and premises. No other Monitoring software company can claim to have more installations and customers than MCDI. Our client base includes Pharmacy Chains, Supermarkets, Manufacturing plants, Banks, School Boards, Building Services Managers, Utility Companies, and traditional customers like Central Monitoring Stations.

Although we still manufacture Alarm Receivers, our primary focus now revolves around serving the Security Industry by developing software for Alarm Response and Tracking and Dispatching Mobile Staff.

**Prog1 inc.** MCDI's technological partner, founded by former MCDI employees. Prog1 provides custom development services for MCDI customers and offers a range of advanced modules for SECURITHOR customers, such as CAM+, MVP Map View and Plans, Verifcathor, Alarm from AI receiver, WhatsApp interface, and DT42HV.





# 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.**

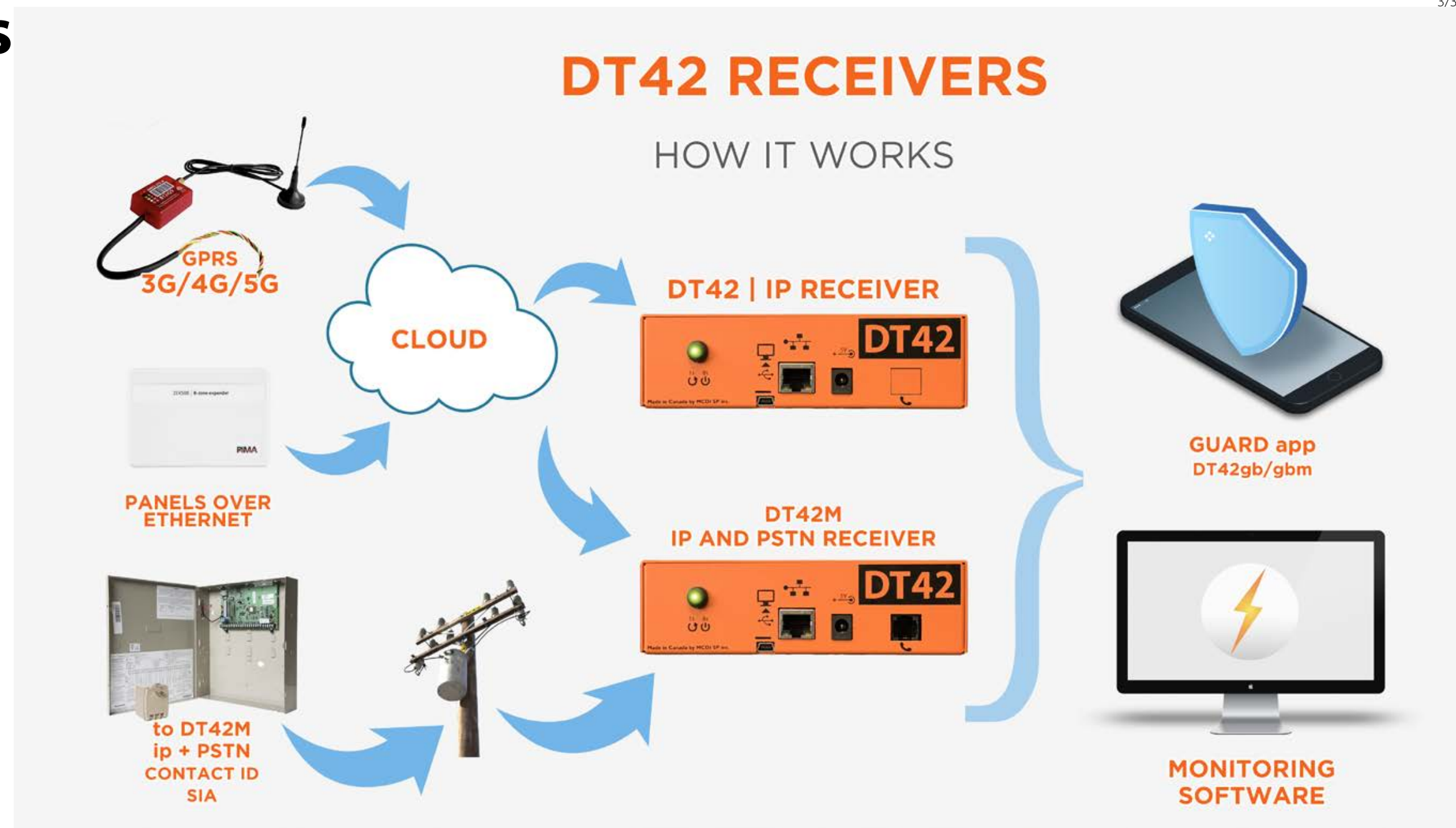
## Multiple sources and outputs

DT42 works directly from various alarm panels and can directly connect to select video analytics services and servers from multiple manufacturers. Additionally, legacy alarm receivers can be connected to the DT42 serial port.

DT42 outputs can be sent to automation software like SECURITHOR in a standard format via serial, USB, or IP connections.

## Extend DT42 capacities with notifications, schedules, reports

Enhance DT42's capabilities with the Extended Service Pack, allowing for email and push notifications to subscribers, real-time alarm viewing on the LiveMap, and even scheduling features for checking arming and disarming. Experience a compact SECURITHOR-like solution without the need for an actual SECURITHOR, hosted and maintained entirely by MCDI.



## Alarms Over IP or Phone Line

DT42m hybrid receiver not only manages alarm over IP but also features a phone line to support Contact ID and SIA. It's an excellent alternative to discontinued Keltron LCU DACR receivers and legacy Sur-Gard units at fraction of their costs.

Both IP and PSTN alarms are Monitoring software, as well as the android GB 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 IP channel means your monitoring software does not have to handle all the load from panels.

Install on desktop or in rack-mount (included wings) for more convenience.





# DT42 IP Alarm Receivers

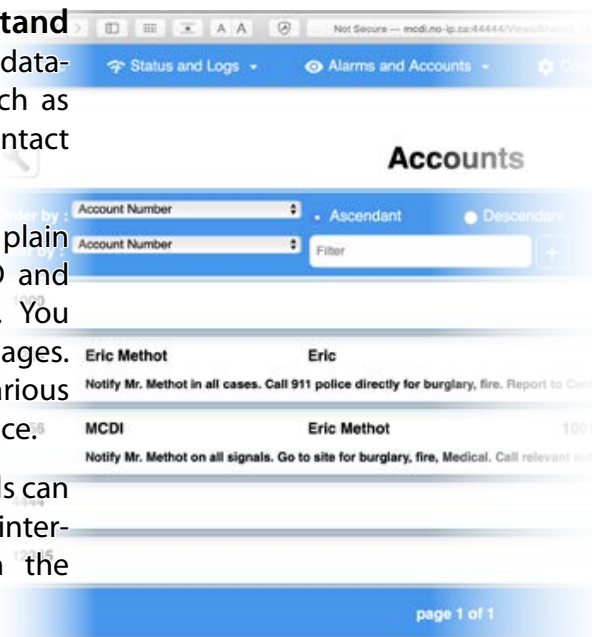


## Alarm codes you can understand

DT42gb has a 4000-account data-base showing account info such as name, address, phone of the contact person.

Alarm codes are displayed in plain language following Contact ID and SIA standards: Fire, Burglary... You can view them on DT42 web pages. Descriptions customizable in various languages for added convenience.

With DT42gb, guards and patrols can also read action lists and write intervention notes directly within the GuardBooth app.

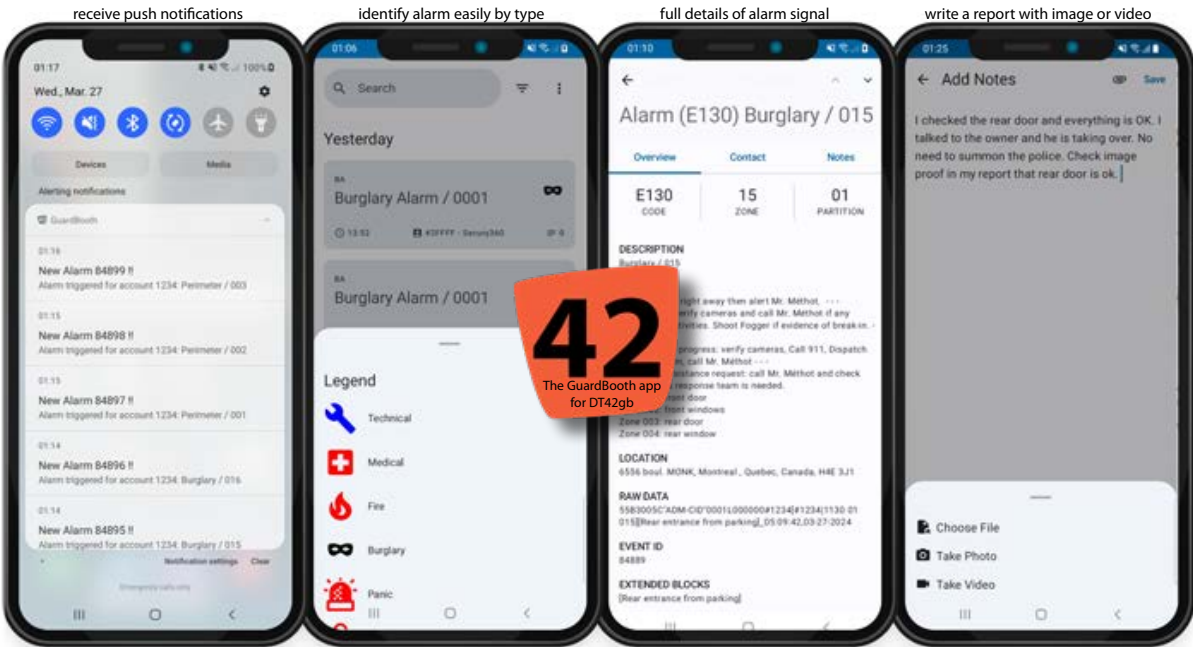


## Without Monitoring software

DT42gb eliminates the need for separate monitoring software in guard booths and gated communities.

Guards, patrols, and staff are instantly alerted of new alarms. Upon opening the notification, they can view detailed information, including account details and clear alarm codes (e.g., Fire, Burglary). With the GuardBooth app they write intervention notes and even include pictures for clear documentation.

DT42gb is user-friendly solution for managing alarms without the complexity of additional monitoring software. Now available on Android PlayStore. iOS sept 24



## 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
- AMC Elettronica
- ARTIFEEL CheckIn
- ARTEC AR88
- AVS electronics Starlink 4G
- Bosch 6512
- Cirrus 4T
- Climax TW
- Connect2go
- CROW Sheperd Cloud
- CSV IP Contact ID
- DAHUA AIIRSHIELD
- Digiflex Bosch
- Dinsafer
- DSC-M2M Connect
- ENIP
- Eldes/Eldes Kronos
- EPCOM AX
- Focus/MEIAN STIII FC-7688plus
- GSD Global Security Devices
- HEYI
- Hikvision AXIOM, AX Pro, AX Pro M2, AX Pro M2H
- Honeywell CLSS
- INIM Smart Living, Prime (Lower Ascii table)
- IVO BG
- JABLOTRON Cloud
- Kerui/Wolfgang G9B0
- King Pigeon G5
- Knookbox
- Ksenia
- Mars-Commerce Zeus
- MAXKIN
- MEGA-X Maxtechnologies
- MyAlam AsiaPacific-Europa
- M2M Services Bulgaria- America- SYSCOM-EPCOM
- MLR2
- MOBYCOM
- Nookbox
- Nanocomm (nanomir)
- NAV87XX
- NETIO Novation Security
- Nuvathings
- Optex Genio ST/Genio Advance
- ORISEC UK
- PIMA Force Series, PIMAlink 3.0 app
- Pyronix ENIP 2013/2017, SIA 2024
- Rightkey
- Risco Cloud (Alarms only)
- Risco Agility, Lightsys 1 SIA
- Roel Multicomm, CERBER, Xguard IP
- ROOMBANKER Hub
- SATEL gprs-a/gsm-x
- SECOLINK Pas816, GSV5, GSV6U
- Secury-360
- Scientech TW
- Sigma GR
- STANIOT H502, H700
- SUPA L16
- Tecnoalarm
- Telesignal
- Telenot
- TEXECOM Monitor
- Triklis 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. Some manufacturer proprietary features or one that are not standard might not be supported. Specifications are valid for units manufactured starting in April 2024.





# 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

**15**  
SECURITHOR 15<sup>TH</sup> ANNIVERSARY

## 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 other 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.

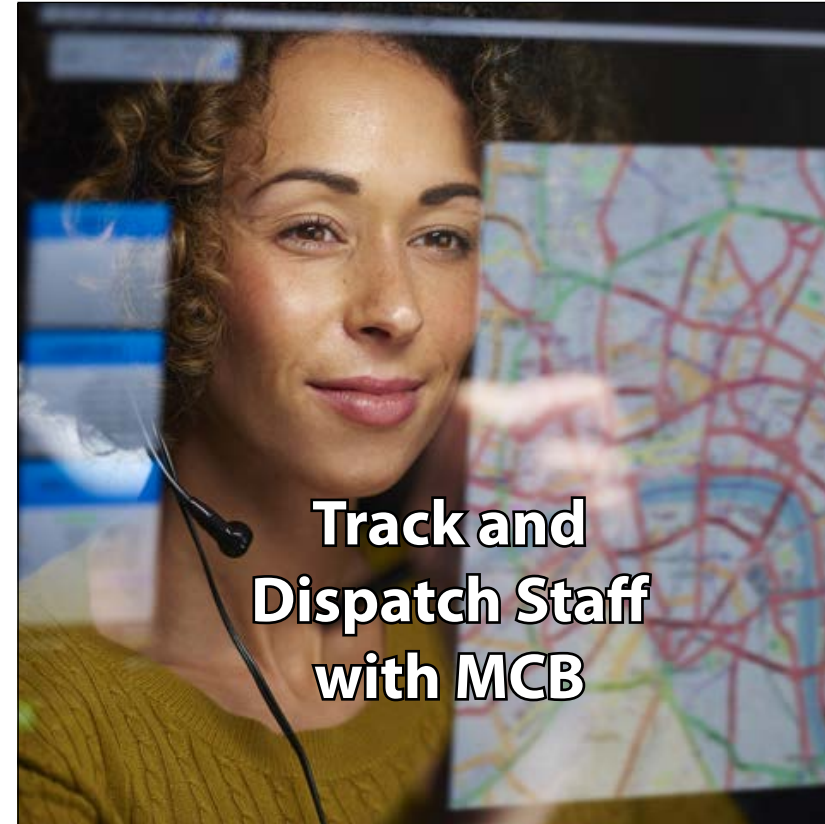
Based in Montreal Canada, we are still under original management and grow with a network of distributors and resellers around the world. Several are with us for more than 20 years.

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

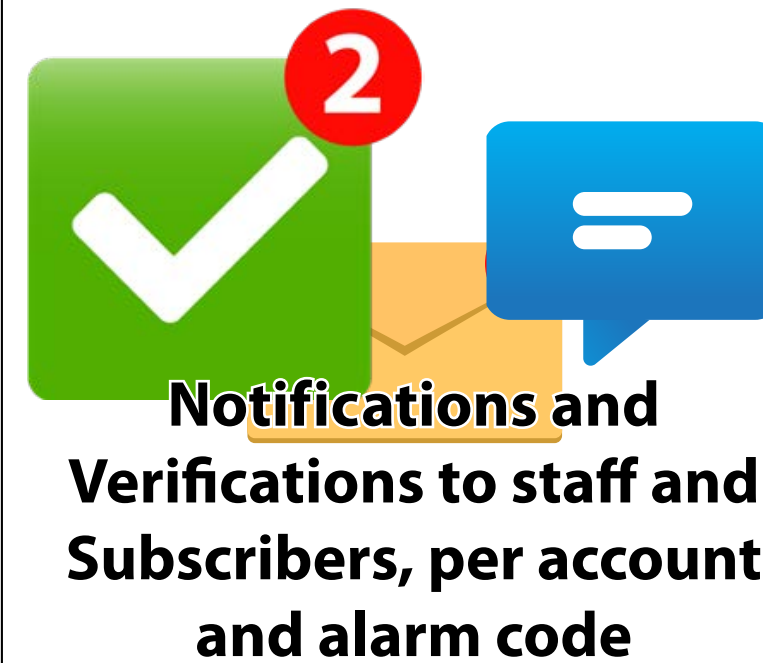


# SECURITHOR MISSION CONTROL BOARD Main Features

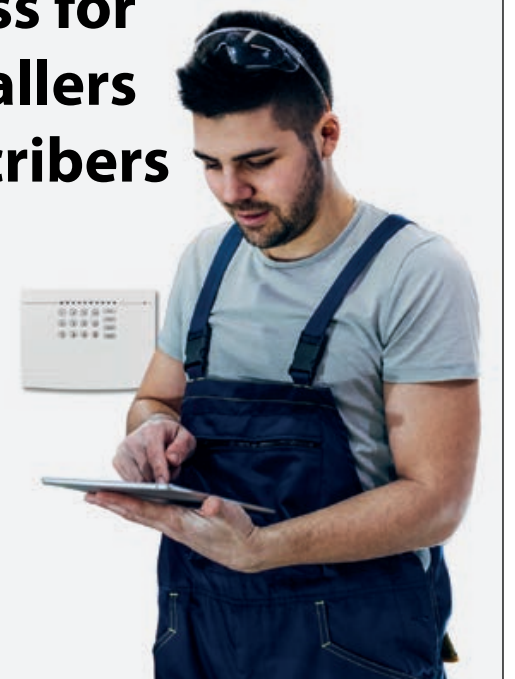
No matter how you use **SECURITHOR** and its Track and Dispatch solution **MCB**, they are sure to be useful for you.



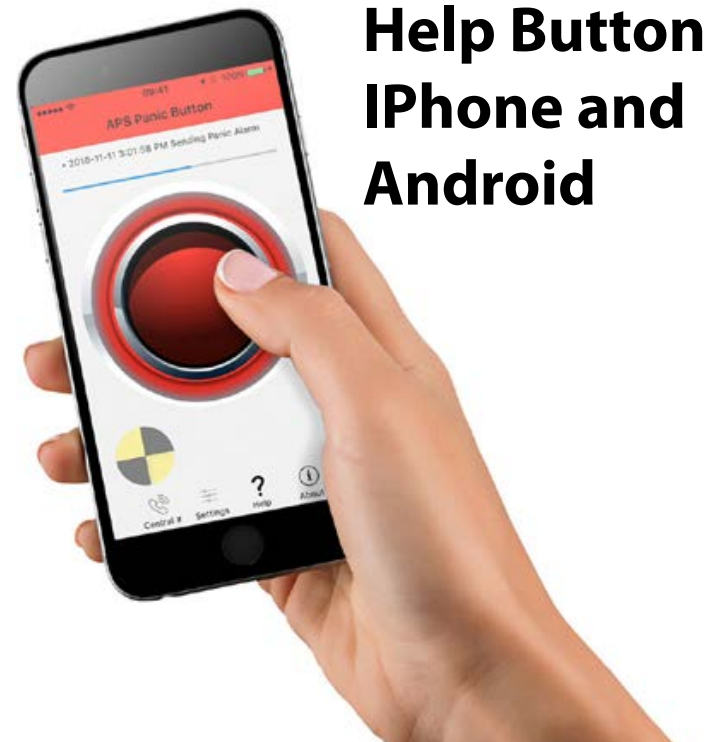
**Respond with Standard Operating Procedures**



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







## Help Button iPhone and Android



## Automatic Reports

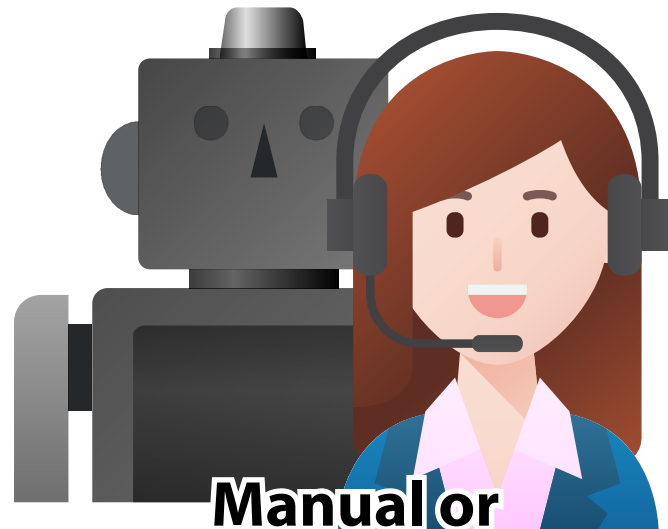


## Flexible and scalable One operator or Many working simultaneously



### ...and features that give 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.  
 Connection to KINGFISHER IoT platform



## 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

## Expanding your SECURITHOR Team

### The Network Edition

Need to manage alarms and data entry with multiple users? SECURITHOR Network Edition is the perfect solution. It offers all the functionalities of SECURITHOR ST1, but with the added benefit of simultaneous access for multiple users.

### Scalable: Easy Growth and Cost-Savings with the Network Edition

**Seamless Upgradability:** Transitioning from a single workstation to a Network Edition is hassle-free as databases are fully compatible.

**Add Workstations On-Demand:** Expand your Securithor Network Edition by adding workstations as your monitoring needs grow, all without experiencing downtime.

**Free and Powerful Database Engine:** Securithor Network Edition utilizes PostgreSQL, a robust SQL engine backed by a large developer community for over 25 years. Best of all, it's completely free to use, eliminating the need for expensive Microsoft SQL or MySQL licenses.

**Reduced Server Costs:** Eliminate the need for a dedicated server operating system. Smaller installations save hundreds of dollars by running Securithor directly on Windows 10 or 11 Pro.

**Operating System Flexibility:** While Windows 10 or 11 Pro are cost-effective option, Securithor also seamlessly integrates with Windows 2016, 2019, 2022 servers. SQL database can be installed on request on Linux Servers.

**Microsoft Development Tools:** MCDI utilizes Microsoft-developed tools to guarantee optimal compatibility with your existing infrastructure.



### 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.

### Advance features available for the Network Edition

**Live Backup:** 2 SECURITHOR servers with failover. Plus extra power for reports tasks.

**Dispatching filters:** select which operators handle specific tasks

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 simplify workflows and improve response times. Standardized operating procedures can be defined per site, zone, or alarm code, ensuring consistent responses.

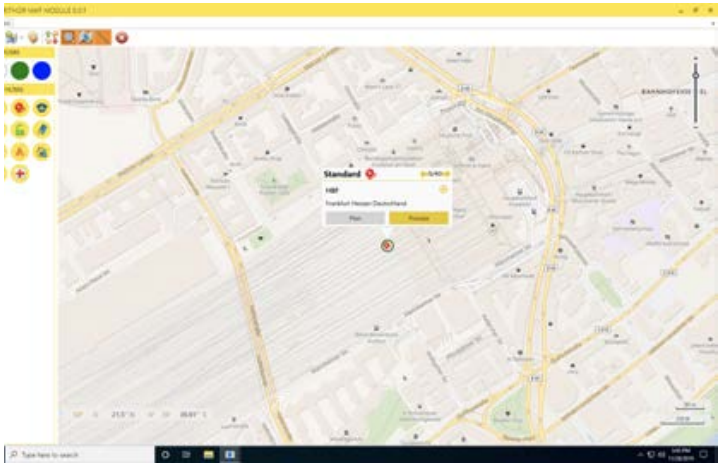
## Dispatch your own response team

Your team is more accurate as your staff is trained specifically for your business. They are also dedicated to your enterprise and this gives you higher confidentiality as they are your own employees. Dispatch them where you need them with MCB the Mission Control Board, no matter if you use it with SECURITHOR or as standalone solution.

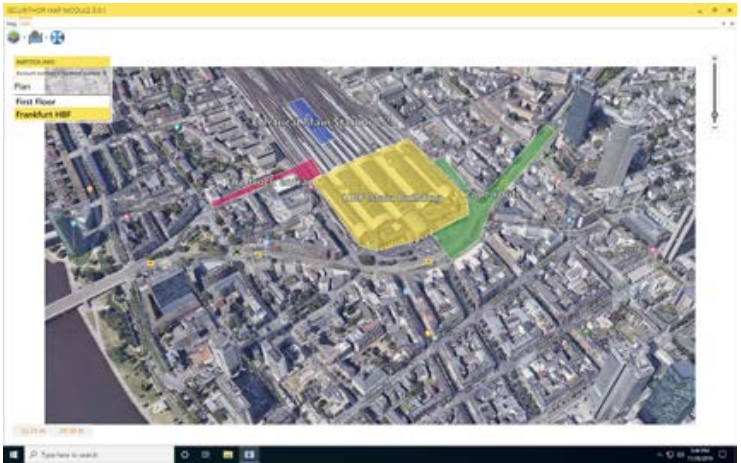
## Simplifying Industrial Alarm Response

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 making it easy to grasp alarms and respond easily without the extensive training of an ARC operator. Users can zoom in and follow on-screen instructions to get detailed information about the alarm signal.

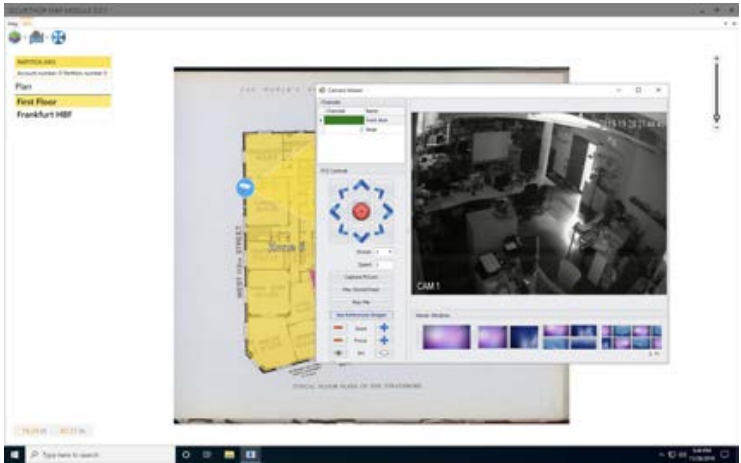
MCDI's camera viewer integrates seamlessly with floor plans within Securithor, allowing users to see additional camera views and relevant information directly on the plans. A product developed by our Technological Partner PROG 1



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



Site description brings more info, beyond the usual alarm view



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



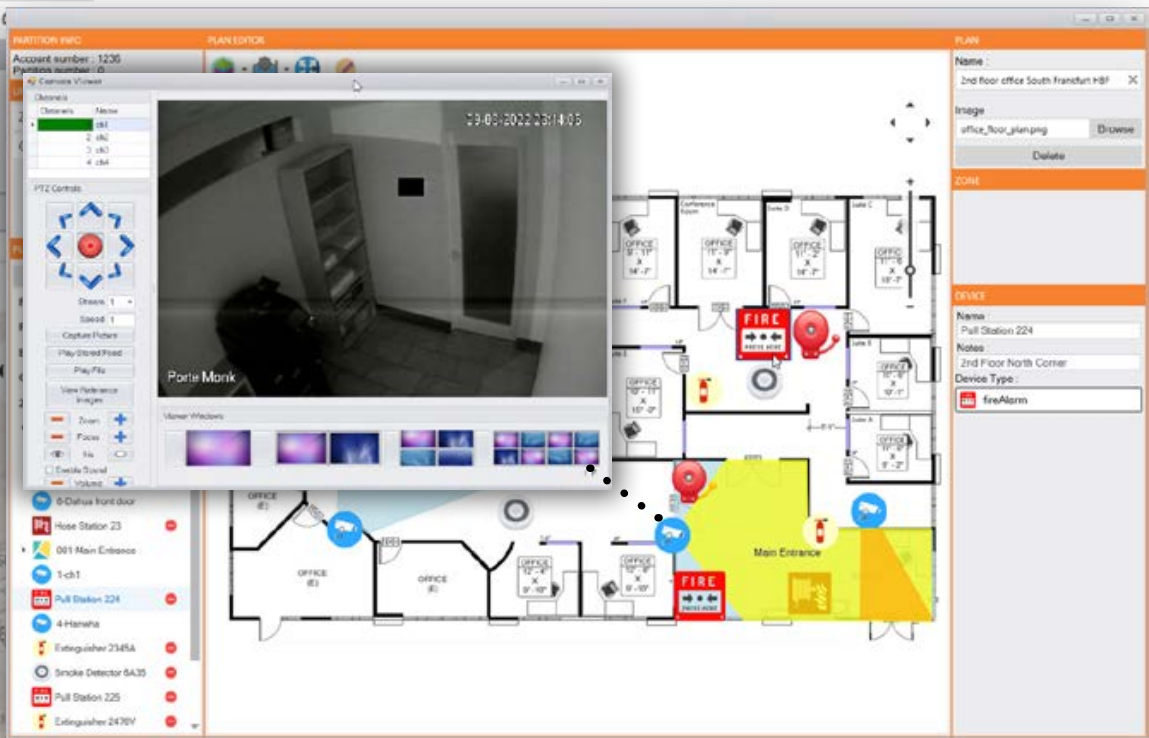
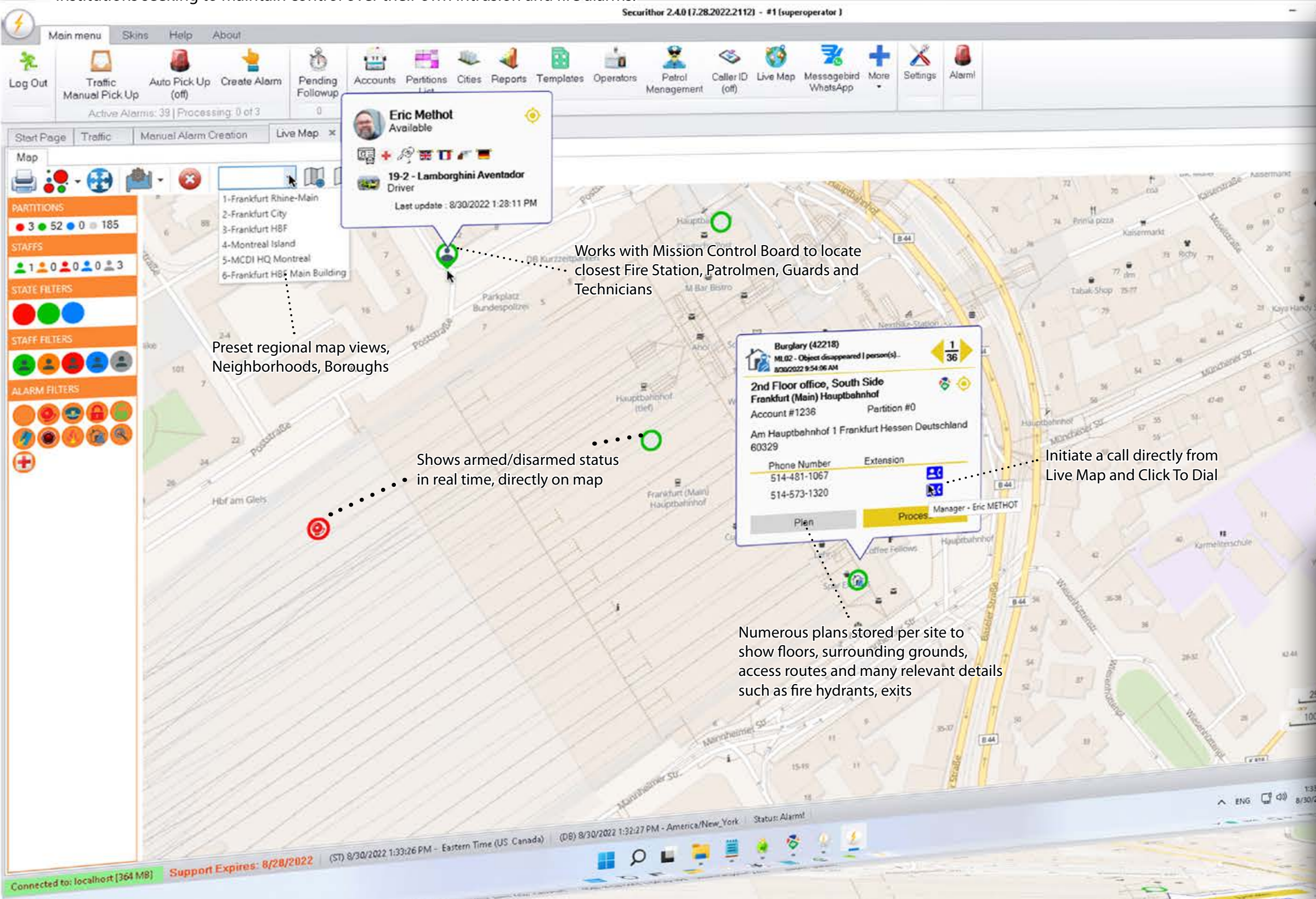
# MVP Map View and Plans

MVP proposes an easy to understand, intuitive approach to responding to alarm and fire events. Clear icons for at-a-glance awareness show which sites are armed or disarmed.

One click to find closest staff member or fire house. Ideal solution for industries and Institutions seeking to maintain control over their own intrusion and fire alarms.

All the information you need to deliver the most efficient 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.

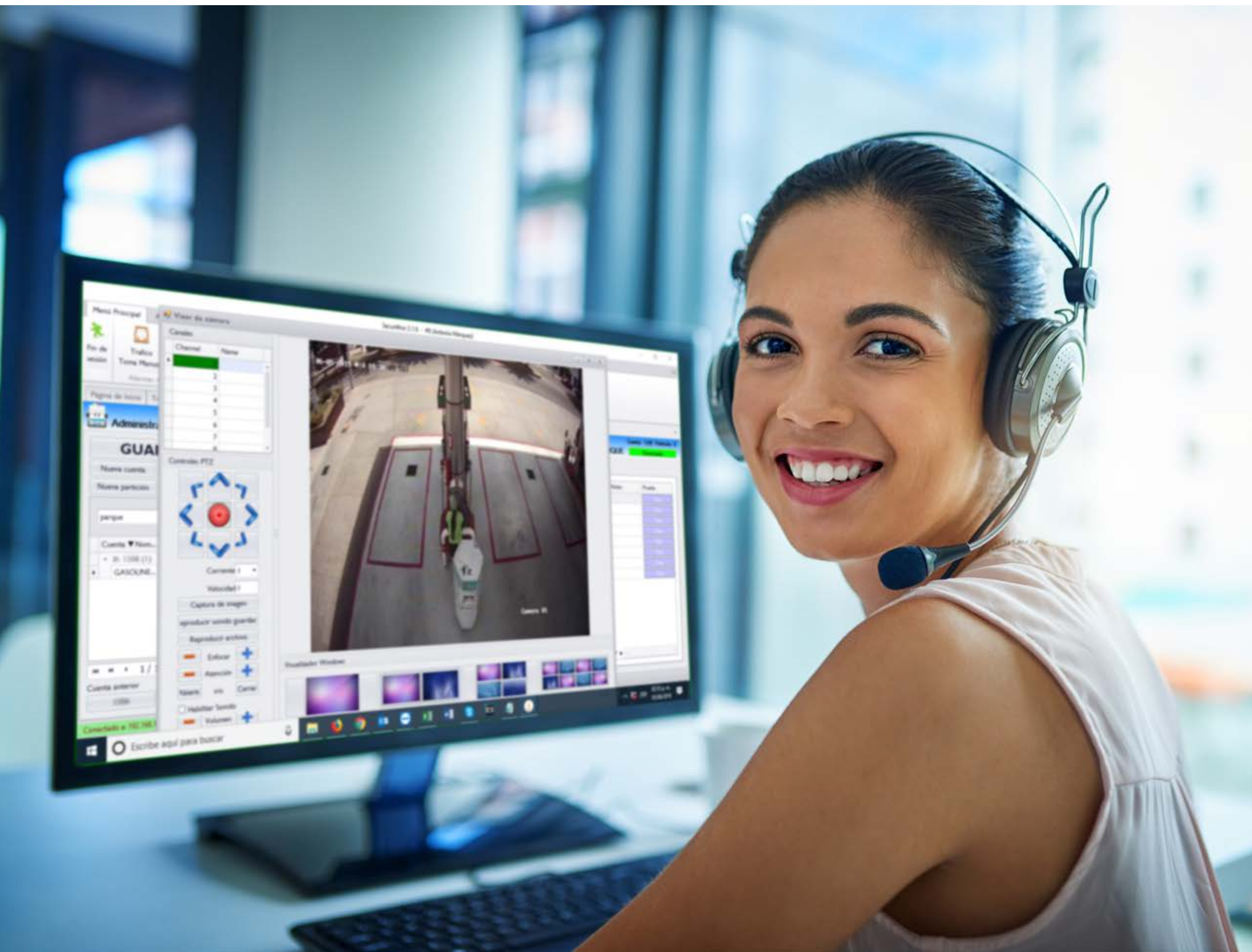


Comprehensive Fire Alarm Response with Floor Plans: locations of pull stations, smoke detectors, hydrants, extinguishers, evacuation assembly points, fire stations, dangerous materials locations. As well as verification of smoke points and propagation from cameras.





# VIDEO VERIFICATION



## Reduce false alarms by adding Video Verification to your SECURITHOR.

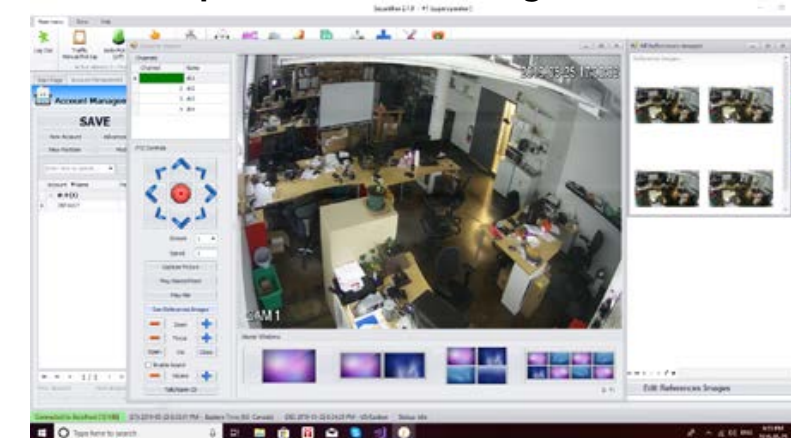
.Streamline process: Direct Camera Control from your SECURITHOR station eliminate the need to switch between applications.

.Verify alarms with live video feeds for quicker and accurate dispatch of first responders.

.Record video to back and prove your interventions

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

.Eliminate per -camera licensing fees



## Why CMS over VMS?

Contrary to a VMS, there's NO per camera/channel cost with SECURITHOR. And you focus on alarms, not endless video streams.

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.

SECURITHOR automatically opens the right video stream paired with the incoming alarm signal thus reducing staff, equipment and bandwidth costs.

Stop checking video cameras all the time. Verify them when alarm sensors tell you to do it. It provides a much faster response time as your first response does not depend on bandwidth.



# VIDEO VERIFICATION

## Automatic Video Triggering

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

## Reference Images for Verification

The CAM Ultra module adds reference images to the MCDI viewers. Operator can match what they see to what the image should look like e.g. if it's an employee in the picture, number of cars in the parking, 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

## Remote Camera Control

MCDI viewers empower operators with remote control over camera functions like zoom, focus, iris, PTZ (Pan-Tilt-Zoom), and even 2-way audio of some camera brands. They can trigger relays through the viewer, enabling additional actions like opening gates.

## Grab a snapshot to confirm

Operators can capture snapshots at any time during video verification. These snapshots are automatically linked to the alarm signal, providing irrefutable proof for your 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 Video

Counteract transmission delays by accessing video feeds from a few seconds before the alarm trigger.

## Select Stream Quality

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



**CAM Module** included in Core ST1 and STS

The CAM module provides comprehensive video management capabilities within SECURITHOR ST1 and STS:

**.Device Compatibility through SDK integrations:** Dahua, Ecom, Hikvision. Uses MCDI Viewer with Advanced Controls for Zoom, Iris, Focus, PTZ (Pan-Tilt-Zoom) controls.

.Relay controls (for specific camera brands and models)

.Recording Video Feed and Snapshot Functions:

.Enhanced Video Monitoring: Pre-alarm video retrieval (access video feed seconds before alarm trigger).

.Automatic opening of designated video feed upon alarm activation.

.Stream size selection according to bandwidth availability.

.Link Integrations: Jump to external links, including HTTP, RTP, RTSP protocols, or launch external Windows applications for further analysis

## CAM Ultra: Enhanced Functionality and Integrations

The CAM Ultra premium module builds upon the capabilities of the standard CAM module by offering a wider range of features, integrations, and interfaces.

**.Alarm code/zone pairing with Camera or Channel: automatically opens the right camera when receiving an alarm code.**

**.Alarms from Video Analytics:** BOSCH CBS, CAMECT, Dahua DoLink and Series 5 and 7, DAVANTIS, Hikvision, Hikvision HeatPro, HIK-Proconnect, **Monitoreal**, OPTEX CHekT, SECURY360, SR7, ULTIINOUS: U-Safe/U-Alarm/U-Filter, Videologics.

**.Alarm listeners for:** Ai-RGUS, Ajax Cloud, AMC, EBS, Camect, Crow Cloud\*, DAHUA push, DAHUA DoLink, Hikvision AXpro, Hik-Proconnect, **Monitoreal**, Optex CHekT, Risco Vupoint\*, Secury360.

**Automatic Recording:** starts when opening the MCDI Viewer.

**.Bridge to P2P:** Dahua DoLink, Dahua legacy P2P, EPCOM e-series, EPCOM, Hikvision legacy P2P, Hikvision Hik-Connect, Hikvision Hik-Proconnect, TVT p2p\*, Uniview p2p\*.

**.MVP Map View and Plans** Module: MCDI Video Viewers available in MVP LiveMap when both modules are present.

**.Enhanced Monitoring Features:.**

Audit trail of activation without prior alarm signal

.Reference images for the MCDI Viewers: compare video feeds to reference images.

**.Dahua DoLink** Developer: registration within SECURITHOR.

**.Expanded Device Support:** Integrates with a broader selection of security devices through additional SDKs, including EPCOM e-series, Focus\*, GSD, Focus H&S\*, IDIS\*, Hanwha Wisenet\*, TVT\*, Uniview\*, and Vivotek\*.

**.Photo Verification from PIRCAM:** **Ajax** MotionCam, **AMC** Cloud, **Dahua** AirShield, **Crow** Shepperd, EBS Ava Pro, **Hikvision** AXPRO, Alarm.com, **Risco** Vupoint.

**.Third-party systems:** Communication with Frontel Videofied\*, Visonic\* Visnap, Crow Cloud\*, Hik-connect\*, Risco Vupoint\*, Manythings\*, ONVIF\*.

\*Several brands or services provided as courtesy without technical support. Alarms from video signals is a product developed by technological partner Prog 1 inc. Communication or access to third-party servers/services might require subscription with third-party manufacturers, not included with SECURITHOR.



# ALARMS FROM AI

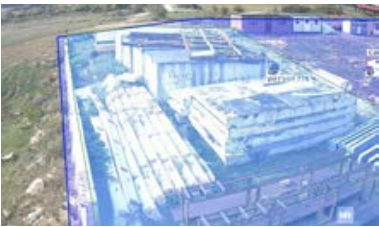
Better video analysis and AI are opening new doors for Alarm Receiving Centres no matter if you are operating a commercial central or the security department of your bank, plant or school. By providing an image confirmation alongside the alarm signal, SECURITHOR streamlines your workflow and eliminates the need for time-consuming tasks such as connecting to a camera feed or making phone calls. This results in a much faster and more efficient response to security threats while drastically reducing the number of false alarms.

## New Detection Types!

Who knew a few years ago that you could detect elephants roaming through crops at night without the need for constant human monitoring? No need to keep watching cameras all night long. AI Video Analysis detects and reports to the SECURITHOR operator.



Long-range detection systems have traditionally been expensive, particularly in large areas like yards or parking lots. However, with cameras + AI technology, detecting people hiding or moving between objects is now more efficient and cost-effective than ever before. Alarm Receiving Centres can now provide enhanced surveillance services to their customers, often utilizing existing cameras.



Counting cars in a parking lot has never been easier, as several solutions can now distinguish between different types of objects. Video Analysis detections offer accurate descriptions, significantly simplifying the operator's job.



Cars moving in a parking lot are detected. Ignore passing 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 Analytics detections from cameras and NVR are transforming detections into alarms with accompanying image proof. This empowers rapid and proactive responses, eliminating the need for time-consuming site verification.

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

2 key components in SECURITHOR facilitate communication with video analytics equipment and services: the CAM+ and the STC cam listener modules

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 service auto checks your cameras health for image quality problems (blur, block, tilt, glare, low-light), and time-stamp errors. Anomalies are reported to SECURITHOR.

### BOSCH CBS

Cloud Base Service reports analytics to SECURITHOR and gives operators access to clips and live camera feeds



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



High level integration with DAHUA Series 5 and DoLink Developer service. Detections directly to STC module or through DoLink Developer service. Device registration directly in SECURITHOR v2.61

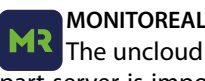


A fusion of the leading video analytics software with highly advanced AI technology. Two powerful detection engines to stop security breaches. Reliable choice for perimeter detection and seamless integration with ST.

**ETA MODULE:** Email conversion to Alarms in SECURITHOR. Several cameras report alarms the old way: they send emails. Yes, you can convert an email to an alarm with the ETA module for SECURITHOR and show them in the Operator event flow with images attached to emails.

### HIKVISION

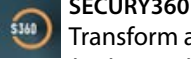
You get multiple connections from HIKVISION devices. Direct from cameras/NVRs or using Hik-Proconnect.



The uncloud solution! Our preferred when access to third part server is impossible. Monitoreal Spartan handles up to 20 local cameras and reports directly to SECURITHOR with picture proof.

### OPTEX CheKT

OPTEX Bridge gets local cameras. Detection made via Cloud. ST operators get alarm notifications with a direct link to the video.



Transform any camera into an active burglar detector. Advanced edge and cloud AI take charge and detect trespassers. SECURITHOR operators receive a 10-second quick verification video for fast on-site response. Also available in DT42GB.



Ultinuous AI Suite presents SECURITHOR with high-level detections. U-Safe for Health & Safety features such as PPE detection, U-Alarm for high-performance security detector. U-Filter filters images of local cameras with legacy AI.

### VIDEOLOGICS

Offers high level detections from a single software/hardware installed at the ARC.



# DAHUA INTEGRATION



SECURITHOR is the launch partner of the DoLynk alarm communication. Being a DAHUA ECO+ Partner means we can bring our integration to the highest level. This unique collaboration between SECURITHOR and DAHUA ensures seamless communication between devices and Alarm Response Software, enhancing your security capabilities.

This means you get seamless notifications from detections by DAHUA Cameras and NVRs. Extend your reach with alarms beyond the traditional alarm panels: **NO MORE BLIND ALARMS!**

SECURITHOR and DAHUA collaborate closely in many ways: you can register your DAHUA devices to DoLynk directly in SECURITHOR using their device number. Or effortlessly connect Cameras and NVRs directly to SECURITHOR for direct and instant transmission. Alarms come with image proofs!

Any alarm you get in SECURITHOR can be matched to a corresponding camera or NVR channels. SECURITHOR will open them seamlessly with the alarm.

SECURITHOR operators can control PTZ, zoom, focus, iris and explore the timeline of multiple DAHUA devices. Plus you get more controls: relays of the NVRs can be activated from the SECURITHOR Operator’s desk: door latch, sirens, even UR Fog foggers can help you actively deter a burglary in progress.

### AirShield Alarm Panel Integration

The AirShield goes further by not only sending SIA DC-09 alarms to MCDI’s DT42 alarm receivers. Important alarms are sent with a video clip from the AirShield PIR-Cameras.



The DMSS app’s **SOS button** can report panic signals to DT42>SECURITHOR, including geolocation data. Operators receive precise locations to assist MCB responders.

### AirShield and the GuardBooth app

Images from AirShield PIR-cameras are accessible in the DT42 companion app, **GuardBooth**. Responders can view image proofs and include them in intervention reports.

SECURITHOR can also attach the images to email and push verification of its VERIFICATHOR app.



The DT42gb GuardBooth app



### A high level integration between DAHUA and SECURITHOR

**Direct DoLynk registration**  
No need to go through a web site. Register Cameras or NVRs to DoLynk with device number, directly in SECURITHOR. You can also select the detection type, per device, from SECURITHOR.

**Alarms directly from Series 5 and Series 7 NVR**  
Detections such as line crossing, movement detections, Licence plate recognition, Face recognition are received directly in the DLR Dahua Link Receiver of SECURITHOR.

**Dedicated Alarm Code Templates**  
Alarm codes communicated by DAHUA Cameras and NVRs are in templates you can easily import in SECURITHOR.

**Alarms through DoLynk**  
Should you prefer to have your alarms transit through DoLynk, connection to your account is made by SECURITHOR.

### The Power of DAHUA x SECURITHOR Integration: Advanced Detection and Analytics

A standout feature in the **DAHUA x SECURITHOR integration** is the ability to receive alarms directly from motion detection, image analysis of DAHUA cameras and NVRs. This seamless communication bypasses the need for an alarm panel, with detections sent directly or via the DoLynk server to SECURITHOR’s CAM Ultra Module. Over 100 detection types are possible.

The integration of analytics introduces new possibilities for ARC, surpassing traditional detection methods. Explore a range of advanced features, including people counting, man-down and fall detection, loitering, and even animal detection for crop protection. The DAHUA x SECURITHOR collaboration revolutionizes monitoring capabilities and expands your service offerings to new heights.



# HIKVISION INTEGRATION

MCDI's first Hikvision integration began with SECURITHOR v1 in 2009. We continued advancing this integration in SECURITHOR V2. As a TPP (Technical Program Partner), we gain access to the latest developments and integration resources.

SECURITHOR and HIKVISION collaborate closely in many ways. Connecting to cameras and NVRs directly from SECURITHOR to confirm alarms is a seamless, automated process. Each alarm signal can open the corresponding camera or NVR channels.

SECURITHOR operators can control PTZ, zoom, focus, and explore the timeline of multiple HIKVISION devices. Additionally, SECURITHOR can connect to Hikvision equipment through P2P servers using just a device ID, eliminating the need for a static IP.

### AXPRO panel 2-way integration

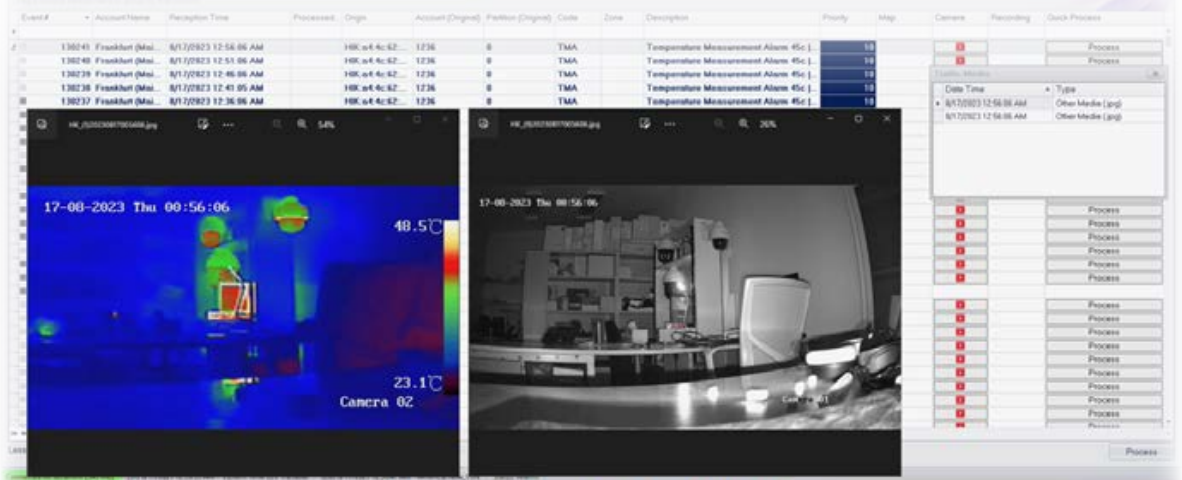
The HIKVISION AXPRO alarm panel communicates with the MCDI DT42ip alarm receiver. DT42 is an ideal solution for managing multiple brands and formats of alarm devices.

Through Hik-Proconnect, SECURITHOR enables 2-way control of AXPRO arming/disarming and wireless relays, providing deterrence options from connected devices such as foggers, sirens, and strobe lights.

Images from the **AXPRO PIRcam** are relayed to SECURITHOR via Hik-Proconnect, confirming alarms for accurate operator response. Images are also available through Push Notifications from SECURITHOR or as attachments to email notifications.

### HEATPRO Thermal cameras in SECURITHOR

Heat detections are reported to SECURITHOR as an alarm with two proof images – one from the thermal lens and one from the regular lens. Temperature detections are displayed in clear language within SECURITHOR. Operators can review these images from the alarm traffic or alarm tickets. Images can be attached to an email or included in Push Verification messages.



One of the most interesting feature in the **Hikvision and SECURITHOR** integration is the ability to receive alarms from cameras and NVRs that employ motion detection or image analysis. There's no need for connections to alarm panels, as detections can be sent directly to SECURITHOR's CAM+ module or through Hik-Proconnect.

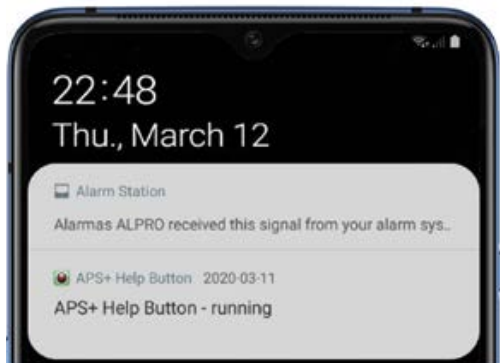
What your HIKVISION camera or NVR can detect and analyze is reported as an alarm to the SECURITHOR operators. With the ISUP protocol, over 100 types of detection are available, such as motion detection, line crossing, and even advanced features like thermal imaging.

Analytics introduces new possibilities to ARC, going beyond simple detections. It opens up a world of advanced features like people counting, man-down and fall detection, loitering, and even animal detection for crop protection. The Hikvision and SECURITHOR integration elevates your monitoring capabilities, expanding your service offerings!

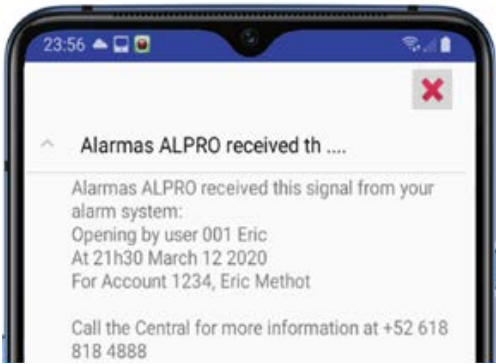


# Push Notifications

Elevate your services with SECURIHTOR innovative Push Notifications or verification system. Forget costly SMS fees and unreliable emails trapped by spam filters. Verificathor system offers high customer awareness and VERIFICATION to reduce false alarms



Notifications wake up phones



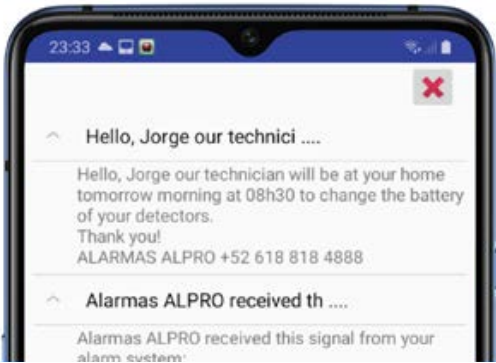
Alarm Signals delivered to Smartphones

It's independent and brand agnostic: no brand confusion as it works seamlessly with any brand of panels, old or new. Notifications are centrally managed at your Central. Only one app for all your alarm panel brands.

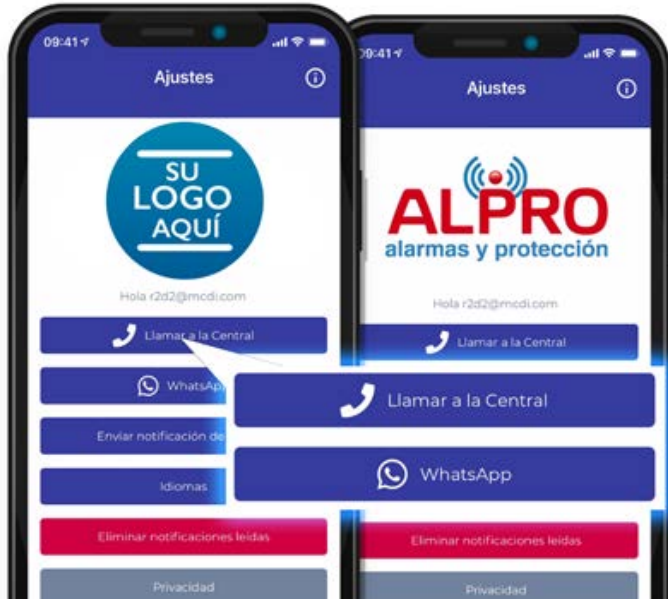
Each message is unique to your Central. Customize messages to your subscribers and select which alarm signals goes to whom. Set per account and alarm code. Notify up to 48 individuals per alarm code.

Beyond Alarm Alerts: Foster customer engagement by sending personalized messages that go beyond simple alarm alerts: greetings, news, service announcements, and even promote new services offered through your CMS. Even remind your clients to pay their bills!

Hassle free operation as MCDI handles connectivity and app maintenance.



Send personal messages to customers



## Branded YOUR way!

The VERIFICATHOR app is branded with:

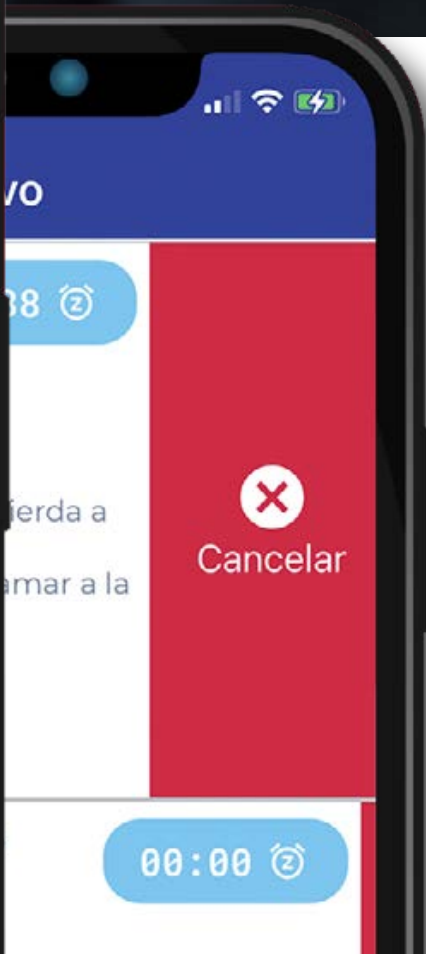
- Your Company Logo
- Your Phone number
- Your WhatsApp number

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 and enhance response times.

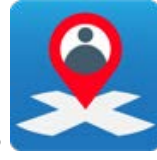
The **VERIFICATHOR service** connects your SECURIHTOR with your subscribers by having them confirm alarm signals before they are presented to the operators.

Subscribers confirm if a signal requires active response or not. They simply press confirm or delete to request response by the ARC. You can set a timer 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. Verifications now available with proof images from selected systems such as DAHUA, Monitoreal, Ultinuous

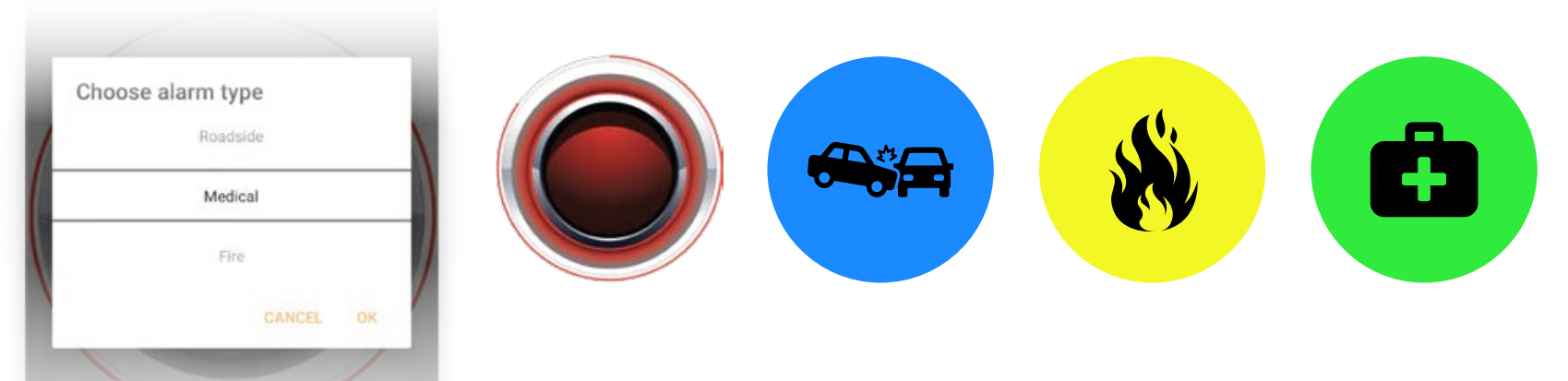
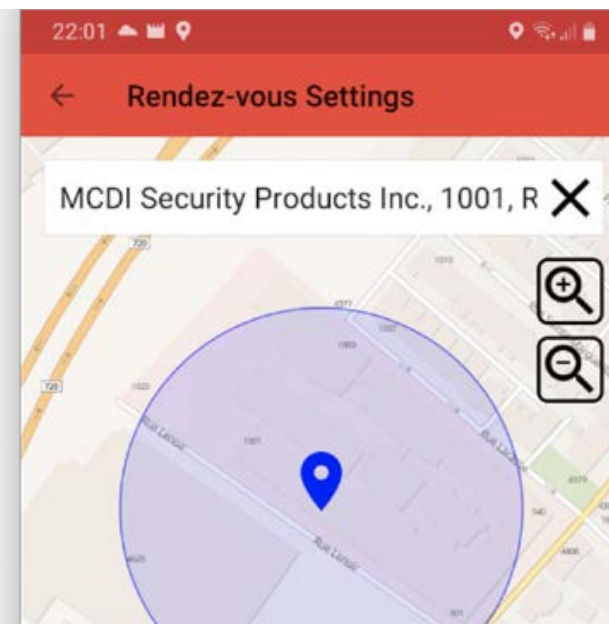
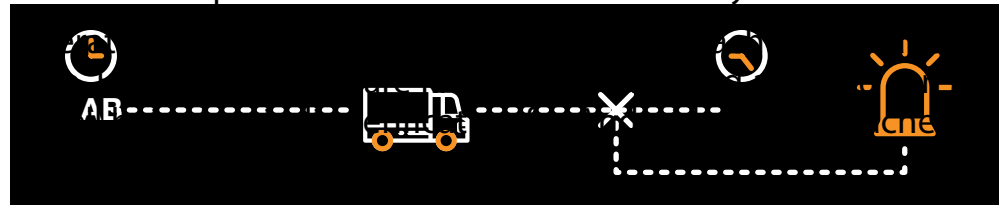


# APS X Help Button App

Provide assistance to staff and subscribers from their smartphones



**Rendez-vous system:** advanced supervision on the way. Subscribers set their own arrival time at and destination and time. This creates a schedule in SECURITHOR. In the event subscriber fails to arrive at the designated location on time, the operator receives an alert. Interval tracking provides valuable insight into the subscriber's whereabouts, and an additional "well-being" verification feature is available for Android users until they reach their intended destination. Rendez-vous is an essential tool for ensuring a safer, more connected experience. Another added value for your Central.



## NEW: APS X and MCB Mission Control Board are now integrated

Help requests from **APS X** are transferred to MCB response teams with location of the person. You can easily find which of your MCB responders is the closest. Locations of app bearer are also shown in the LiveMap of SECURITHOR.



**APS X** empowers subscribers to send various types of help requests, including Urgent (panic), Pick-up Requests, Roadside Assistance, Medical, Fire, and more. Each help request shows the subscriber's location, and the list and icons can be tailored to meet the specific requirements of your Central Station. You can customize the offer you make to each customer.

**Follow me!** Periodic location update sent when the Urgent Help Button is activated (android only). This critical information enables rapid response and ensures that help is never far away when it's needed most.

**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, and buttons specific to the services **You** want to offer.

**FLIC Button** is a bluetooth button paired with the MCDI APS X, GuardBooth and MCB android apps.

Pair the FLIC 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 2 seconds and the Help Request will be sent automatically to SECURITHOR along with geolocation.

Buttons and Holders are available directly from Shortcut Labs, the makers of FLIC.  
Button illustrated differs





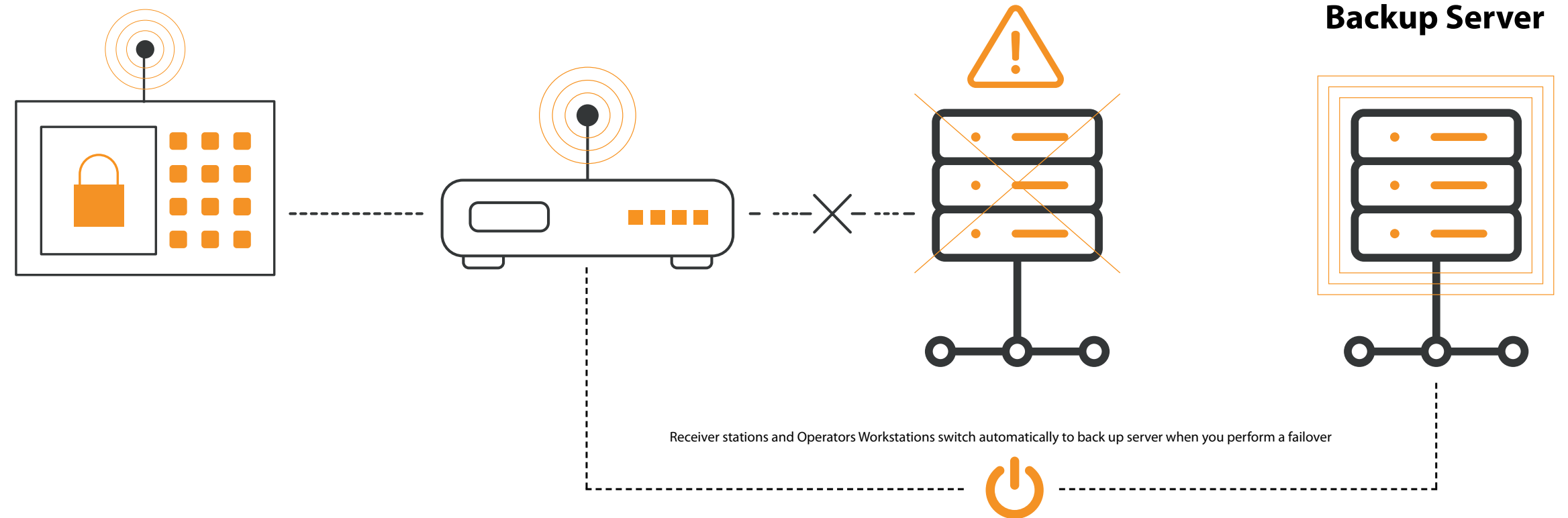
# LIVE BACKUP

When managing a critical alarm monitoring business, maintaining continuous operation is crucial. To achieve this, implementing redundant systems for both hardware and software is essential.

SECURITHOR's **Live Backup Solution** is designed to protect your business from potential hardware failures, such as HDD crashes, and maintain your database's integrity. This innovative solution not only safeguards your data but also enables easy switching of your Receiver Servers and Operator Stations to a secondary server equipped with a real-time copy of your database.

By investing in this robust failover solution, you can confidently maintain business continuity and provide the reliable service your clients depend on.

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



## *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 you try to restart your business.

With SECURITHOR's backup options, you can ensure your business remains operational even in the face of unforeseen challenges.

Live Backup offers numerous benefits, including rapid switching and reduced need for rewiring receivers to backup servers. Receiver servers and Operator stations automatically switch to the Backup server once it's enabled, ensuring a smooth transition and maintaining essential business functions during critical moments.

Invest in Live Backup to keep your business thriving during emergencies and gain peace of mind knowing that you have a reliable, efficient recovery solution in place.





# STAFF WEB ACCESS

## Web Access for staff and Installer

Weboperator is the key when you need remote access for your alarm installers, or when you need to increase your account administration capacity without adding more workstations.

Weboperator provides convenient access for all team members, to manage accounts, add more information from site, test an account. All this from web page with personalized access for each team member, whether they are administrative personnel, sales representatives, or alarm system installers.



**A more efficient Central with Webop**  
Because your Operators can concentrate on alarm response instead of confirming test signals to Installers. Because your Installers are responsible for the quality of their work as they have all the information while they are onsite. Because your alarm operators do not have to lose time on editing accounts.



Using **Weboperator** from a browser (either from a PC, laptop or iPad), gives you the flexibility to access your SECURITHOR from everywhere. Including at the subscribers' site.



**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: The **STM viewer** is included with WEBOP. This add-on module shows supervisors Key Metrics of SECURITHOR such as uptime, service status of key components, number of events received, emails/SMS sent, or logged operators.



**Made with installers in mind!**  
They can add zone descriptions or camera/NVR info directly from iPad or laptop without intervention from the ARC.

Test mode enables installers to test the entire alarm path from panel to ARC without disrupting operators, saving time and ensuring 100% accuracy in alarm programming.

Plus Alarm systems can go live as soon as installers leave the site, eliminating the need to wait for coding sheets to be submitted to the Central when they return 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.

At the site, verify the Contact numbers, who gets emails, SMS or Push Notifications.



# CLICK TO DIAL

**Every second matters when responding to alarms. You do not want to dial the wrong phone number. Eliminate the risk with Click To Dial.** For a single click on screen, SECURITHOR will dial the phone number for you.

SECURITHOR and Click To Dial support customized contact lists per account/partition/ alarm code, even if the contacts are different for fire, intrusion, technical issues, or entry alarms. Your call list can be reached easily with Click To Dial.



Click on any phone logo in SECURITHOR to initiate a call



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

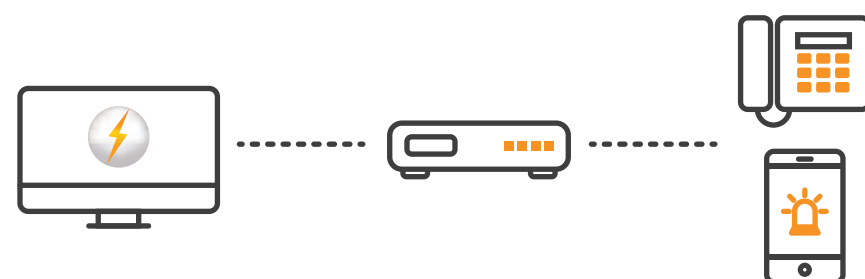


Recording module saves conversation in mp3 and tags recording with alarm event

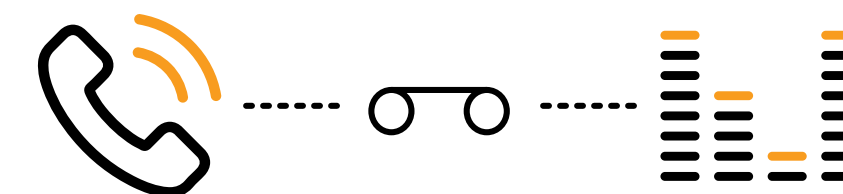


Identify incoming call by matching caller ID to accounts where it appears

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

**KINGFISHER IoT Platform: direct secure connection**

**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 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 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 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.



**WHATSAPP:** alarm notifications to your subscribers WhatsApp numbers via WhatsApp integrator bird.com. Access to BIRD 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 sub-



**Windows:** runs on less costly Windows 10/11 pro but also on Server 2016/2019/2022.

Work with **over 200 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 Ultra and STCreceiver modules by P1

All specifications in this brochure are valid for products released after October 2024.





mission control board

MCB



#### MCDI in ASIA

##### **MCDI Hong Kong & Philippines** **Roland BERNAL**

Business Development Manager  
Mobile/WhatsApp:  
HK: +852 9853 8516  
Philippines: +0917 637 4581  
skype: live:bernalroland  
rb@mcdi.com

##### **Hazwan Hanafi**

Product Specialist at Stratel (M) Sdn Bhd  
Kuala Lumpur Malaysia  
WhatsApp/Tel: +6012 283 1848  
hh@mcdi.com

##### **MCDI Do México**

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

##### **MCDI SECURITY PRODUCTS INC. HQ**

New Address: 6556 boul. MONK  
Montréal Québec CANADA  
CANADA H4C 2Z6  
English/French: +514.481.1067  
www.mcdi.com www.securithor.com  
securithor@mcdi.com

**Mission #38450**  
**Guard Tony M**  
OTW to Madison Square Garden  
40.750447, -73.993449





# 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.

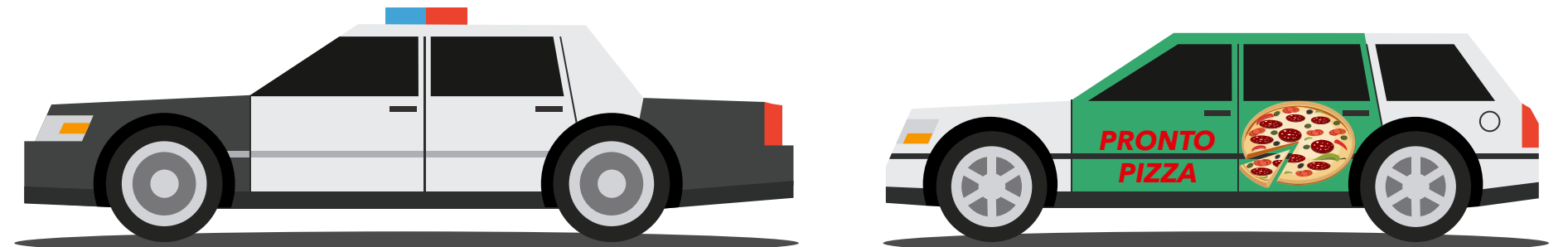
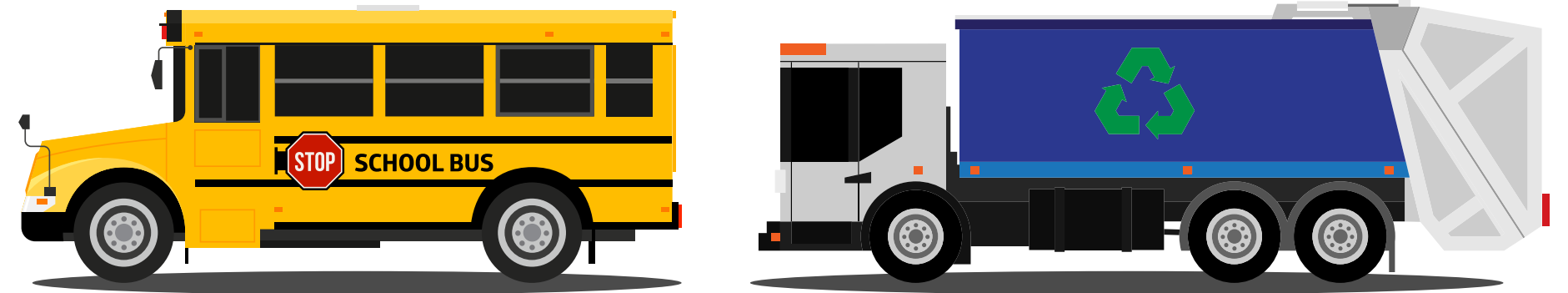


**MCB Go!** is designed to manage your mobile staff and does not need job transfer from the SECURITHOR Monitoring Software. It works completely stand alone without the SECURITHOR Monitoring Software.

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.

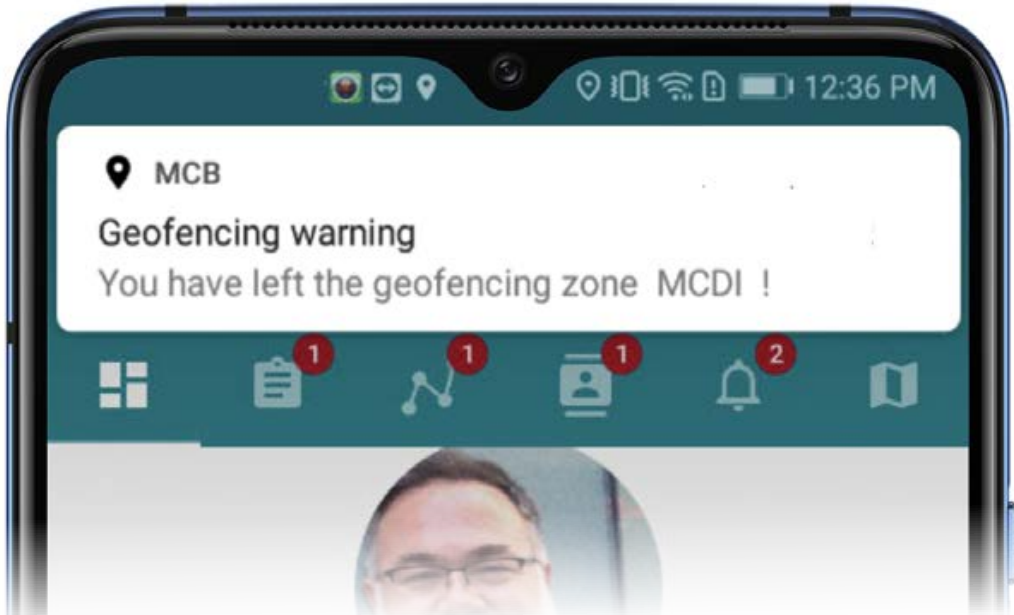
All the geofencing, QR code/NFC tags scanning, vehicle pairing, Reports with pictures/videos from staff are present in MCB Go!

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





# Where's W . . . . ?



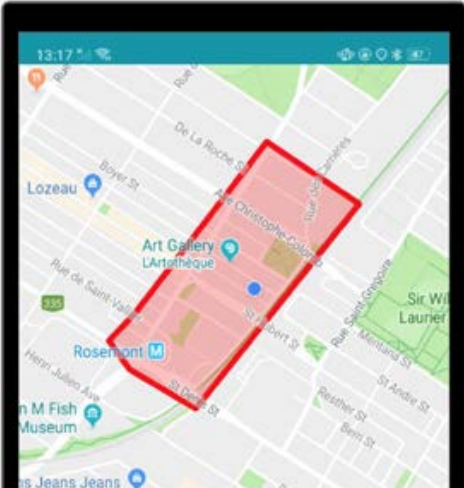
geofencing notifications appears when entering a forbidden zone or when leaving an authorized one.

## GEOFENCING: IN OR OUT

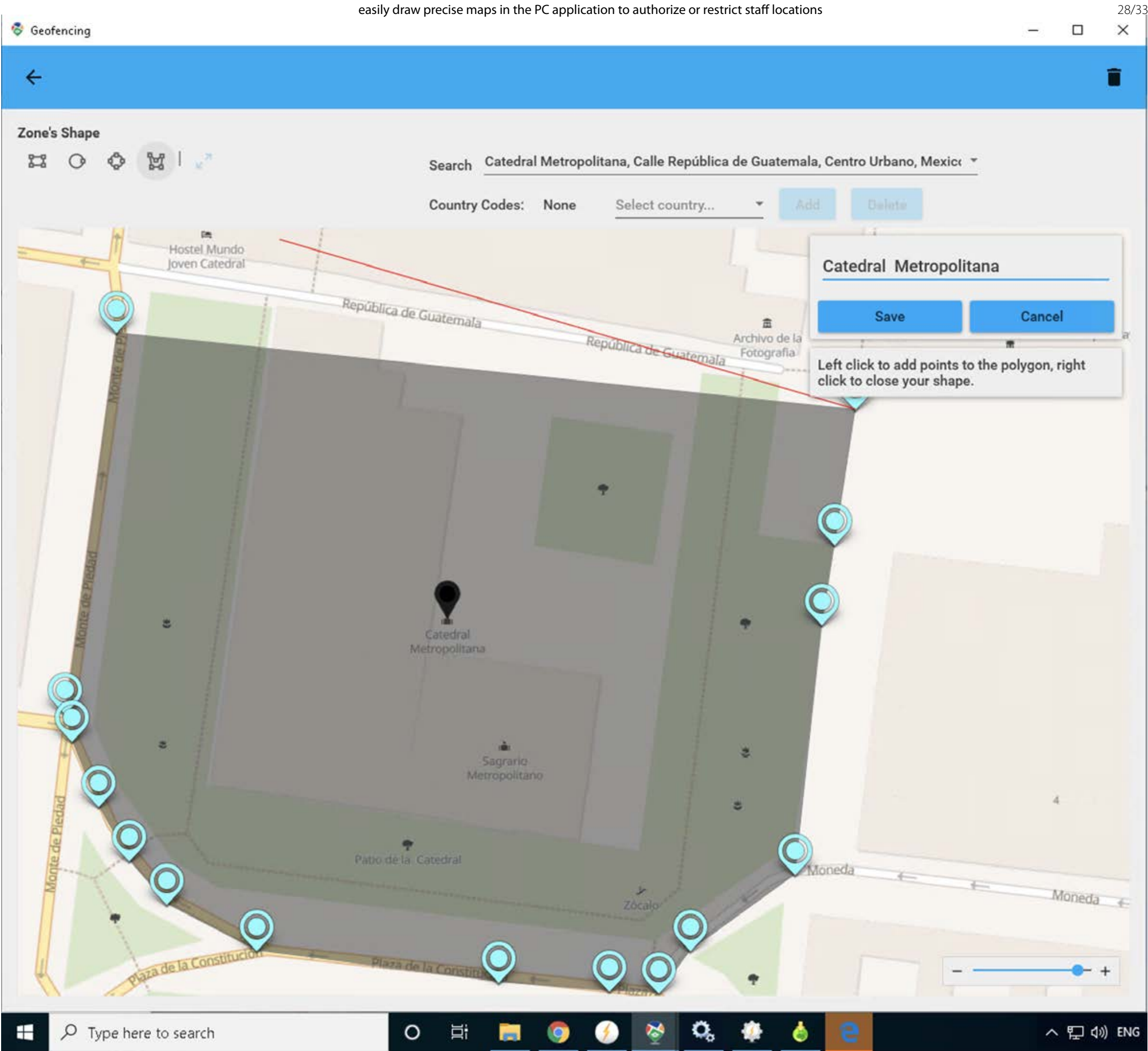
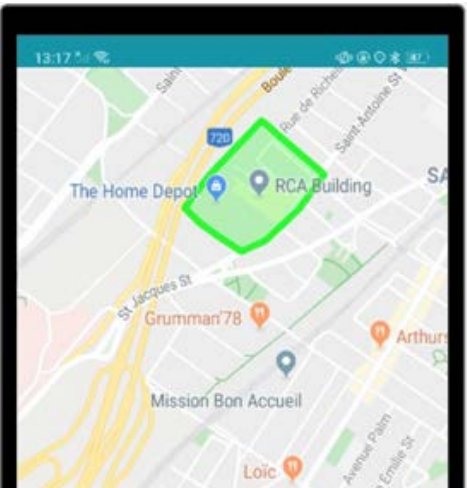
Draw zones on a map to assign staff members to a location. You will know if employees arrive on time and if they stay at their posting. Both base station and staff know because they get notifications when one steps out of an authorized zone.

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

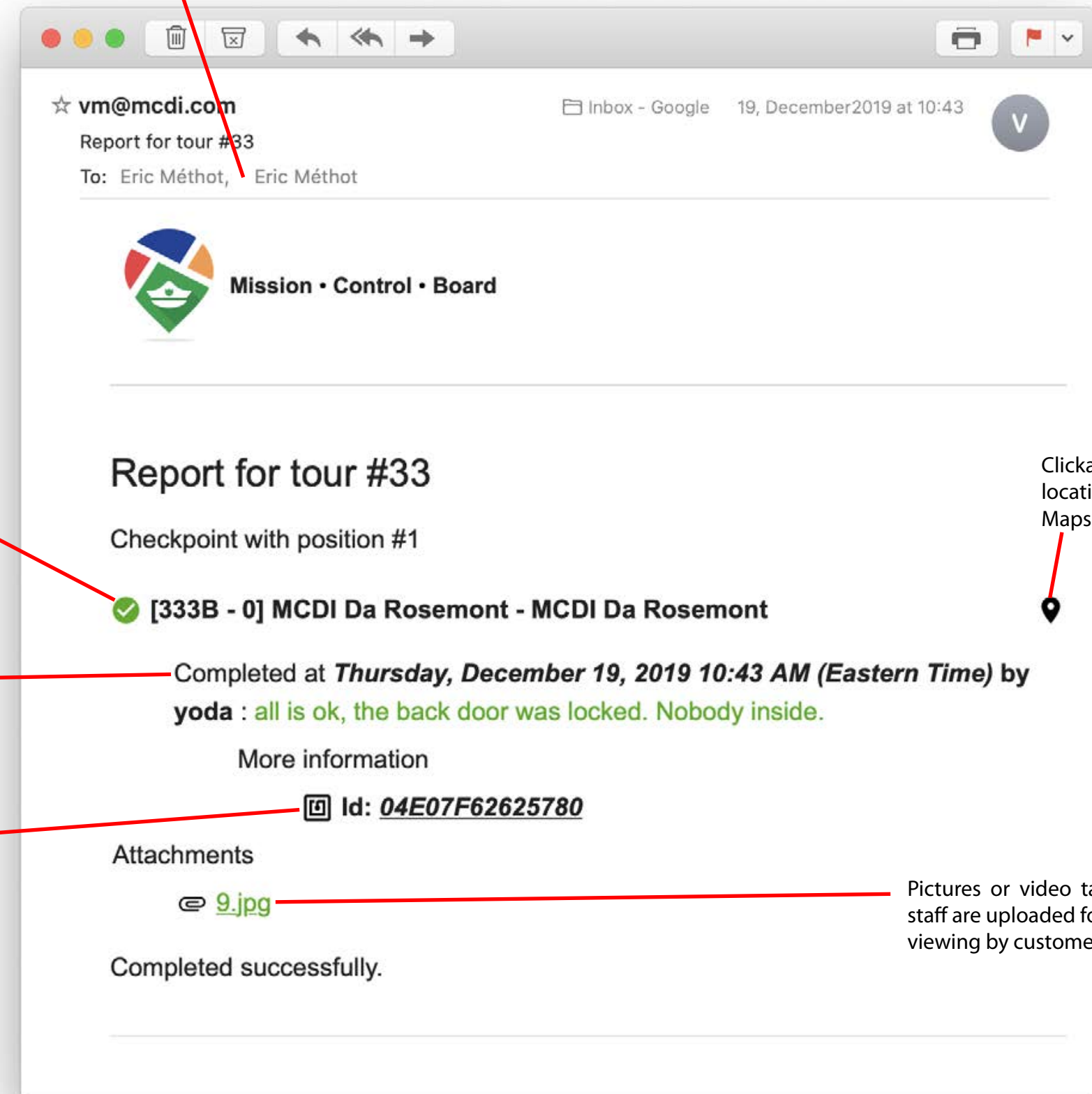
Identification of the Checkpoint.  
Green checkmark confirms the visit is successful

Time of completion with report entered by your employee

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

Clickable link. Opens location in Google Maps

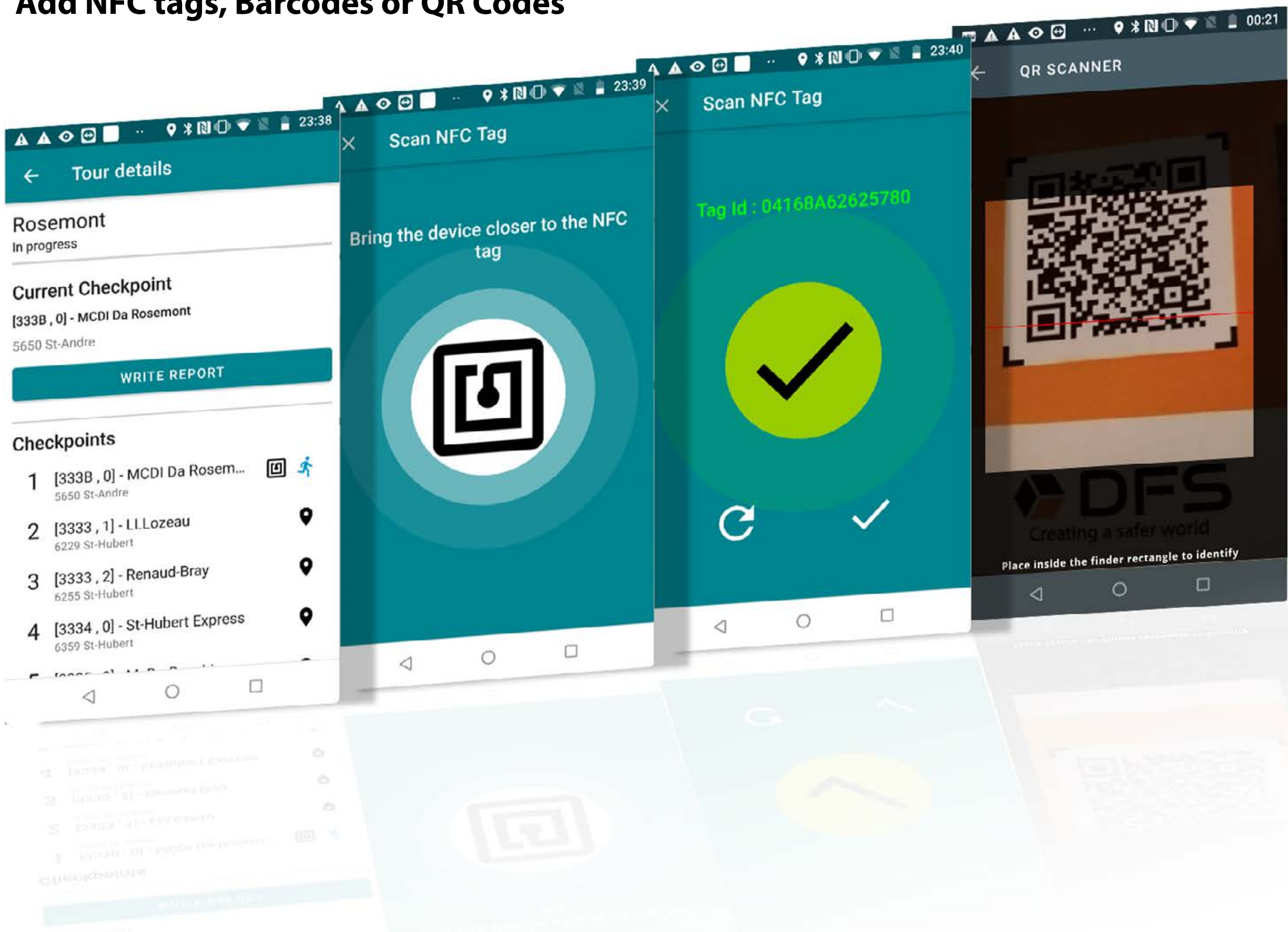
Pictures or video taken by visiting staff are uploaded for online viewing by customer.





# DOUBLE VERIFICATION

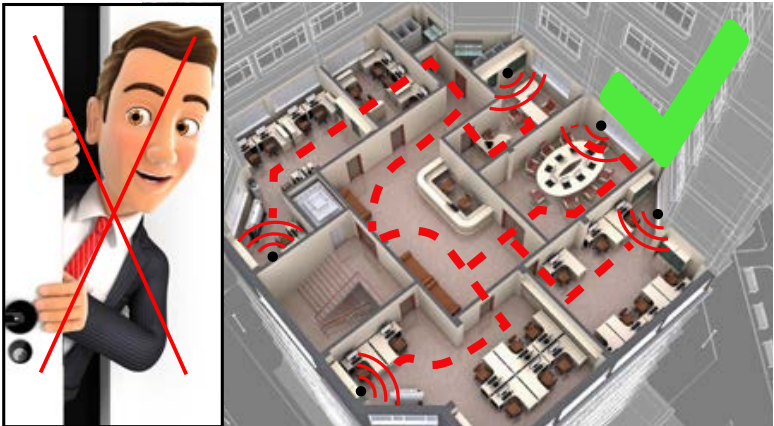
## Add NFC tags, Barcodes or QR Codes



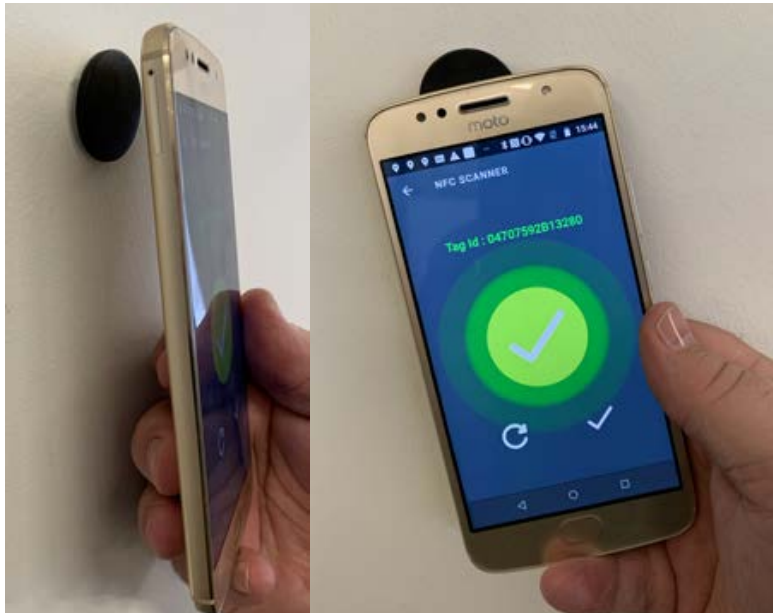
Place NFC tags, barcodes or QR codes to confirm your staff presence at checkpoints or at equipments to service. You can also request in-app signature from customers.

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 from the only experts of SECURITHOR



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 30 years experience developing, maintaining and supporting software worldwide, we can be as effective as having an engineer on site.

Plus our comprehensive support coverage plans are the exclusive way to access regular updates that ensure conformity to changing industry standards and provide you with the latest features. By choosing MCDI's support services, your Alarm Receiving Centre remains up-to-date, competitive, and fully equipped to handle the evolving security landscape.

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

### What's included?

#### Essential Database Maintenance for Optimal Performance

You would not drive your car without periodically changing the oil? Maintenance of your database is as crucial. Your database is constantly evolving and growing with each new account and alarm signal. Maintenance tasks like vacuuming, resizing, archiving, splitting, and SQL updates are essential for peak performance. As part of our support coverage, we handle these important operations to keep your system running smoothly.

#### Stay Up-to-Date with 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 30 years of experience working with receivers, servers and security devices.

## Emergency Assistance and disaster recovery for Your Critical Systems

SECURITHOR and MCB are often vital to your business operations. No one can get you back on your feet faster and better than MCDI. Having a support plan in place



is the only way to secure priority assistance when you need it the most. It enables you to receive immediate help without facing administrative delays, ensuring your business can recover quickly and efficiently.





# SPECIFICATIONS

## DT42/DT42m

Alarm receivers

DT42ip	receiver, alarms over IP
DT42ipm	receiver, alarms over IP and phone lines
DT42gb	receiver, alarms over IP + GuardBooth app and features
DT42HV	High Volume IP receiver (special projects only)

Power supply: 100-240V AC input 50-60Hz, output 5Vdc 2.4A

USB Power 500mA can be added as 2nd source for maintaining, not for starting the unit.

Consumption:

DT42/DT42gb: typical less than 1.1A 5VDC

DT42m/DT42gbm: typical less than 1.2A 5VDC

Communication:

DT42ip Ethernet, USB, serial

DT42gb: Ethernet, USB, serial

DT42m/gbm: Ethernet, USB, serial, pstn

DT42HV: Ethernet

Dimensions of DT42 (all models except HV)

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.

GuardBooth app: Min Android 11 with notifications enabled. Must have access to Google Notifications. Location permission for Assistance mode. Subscription to MCDI ftp/web service required for image transfer. For DT42gb manufactured after March 2024. Available for iOS Oct 2024.

### Formats and brands supported

3PX AR-535 4G

ALTEC ATLS SwitchGSM IP

Alarm.com

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

AMC Elettronica

ARTEC AR88

ARTIFEEL Check'In

AVS electronics Starlink 4G

Bosch 6512

Cirrus 4T

Climax TW

Connect2go

CROW Shepherd Cloud

CSV IP (limited application)

DAHUA Airshield

Digiflex Bosch

Dinsafer

DSC connect cloud

ENIP

Eldes/Eldes Kronos

Focus/MEIAN STIII FC-7688plus

GSD Global Security Devices

Hikvision AXIOM, AX Pro (alarms only)

lHoneywell CLSS

NIM 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

MvAlam Asia-Pacific Eurona

M2M Services Bulgaria- America-México

MLR2

MOBYLINK

Nookbox

Nanocomm (nanomir)

NAV87XX

NETIO

Novation Security

Optex Genio ST/Genio Advance

Orisec

PIMA Force Series

PIMAlink 3.0

Pyronix ENIP

Rightkey

Risco Cloud (Alarms only)

Risco Agility, Lightsys 1 SIA

Roel Multicomm, CERBER, Xguard IP

ROOMBANKER Hub

SATEL gprs-a/gsm-x

SECOLINK Pas816, GSV5, GSV6U

Secury360

Sciencetech TW

Sigma GR

SUPA L16

STANIOT H502 H700,

Tecnoalarm

Telesignal

Telenot

Trikdis G09/G10/G16/G17/ SP231/Firecom

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,

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, Swedish

DT42 GuardBooth app: over 20 languages available

### Warranty period

DT42 is backed by MCDI SP 1 year limited warranty. Programming up-dates are free for 2 years from purchased.

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, CAMS, MAS, Microkey, Patriot, Sentinel, SIS, SIMS. Direct IP connection to third party software available with supplied component.

DT42m and gbm phone line troubleshooting only performed at MCDI lab in Montréal HQ CAnada. PSTN signal integrity must be sufficient for signal analysis

DT42 reports to Securithor 2.31+ in MLR2/2000 with SIA extended blocks in lower ascii(text, url)

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: 5,10,25,50,100, 200 users

MCB Go! Stand alone application: 25,50,100, 200 users

### Technical requirements

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

Internet 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, 8GB ram, 20GB HDD for installation.

Hostname or static IP. One port dedicated and forwarded to MCB's 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 noti-  
fications.

NFC tag use requires compatible phone with NFC reader and compatible NFC tags. Barcode and 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 2.53 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.

STS Max (selected markets)

STSde DACH Hosted Platform from Warning GmHB (2025)

## 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

ST to Select Video devices: DAHUA, Hikvision, EPCOM, rtsp.

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 Ultra

All in CAM module plus the following:

.CAM Listener for direct compatible Dahua and Hikvision alarm devices.

.Reference images tool in selected MCDI Viewers.

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

**Interface Communication and alarm receiving** Bosch CBS, CAMECT, Crow Cloud, Dahua, Davantis DAVIEW, EBS OSM Vision, EPCOM Cloud, Frontel Videofied, Hanwha Wisenet, Hik AXPRO, Manythings, MONITO-REAL, 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):

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 of fitness. Contact MCDI to get the camera matrix list

Video (optional modules, third part software not included), 'as it is':

.Bridge to ACC Avigilon 4/5/6. Alarm receiving from ACC, Bridge to ACC.

.Bridge to Frontel from Videofied

### Incoming alarms from Video Analytics

**Check with MCDI for comprehensive compatibility.**

**Latest version of Securithor should always be used for alarms from video devices of analytics devices or software.**

### Weboperator

Web Access for staff, alarm system installer.

Server + number of channels (# of concurrent access)

Server installed by MCDI in Windows environment.

## KINGFISHER IoT Platform

Direct connection to Kingfisher IoT platform starting with v2.62.



### As services:

Push Notification Service for SECURITHOR 2.6X

WAM Web Access Module for Subscribers

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

Requires port opening and forwarding to SECURITHOR.

Push notification app

Android app: 10+ iPhone: iOS 14+

### Prog 1 products for SECURITHOR

.Customized installation (db on Linux Server)

.Outbound reporting as receiver

.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/DEMO: Intel processor i3, 8GB Memory, 50GB space on disk. Recommended for video operation and Live MAP: dedicated video card.

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, vpro .net framework 4.6.2. required. PC/server shall bededicat-  
ed to SECURITHR. No other application or service running onPC/Serv-  
er.

Server license: compatible with Genuine Windows 10/11 pro, 2012, 2016, 2019. Pro version recommended with latest update. .net frame-  
work 4.6.2 required.

### Email and SMS

SMS notification works with third part compatible modem not supplied with SECURITHOR. As of July 2022, model supported is: Lantronix M110 family. Number of modems and gateway capacity must be sufficient to handle traffic generated by SECURITHOR. SMS engine can connect to some http gateway. Check with SMS for compatibility. Dedicated SMS modems are required for inbound SMS that are using the TLC compo-  
nent of ETA. Number of SMS modems needs to be adjusted for expected number of signals.

Email notifications 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 with LIVE MAP TV

Optional plug-in Module for SECURITHOR. Minimum requirements:

Windows 10 pro , 11 Pro 64 bit

For display of maps: recent quad i7 with fast video card.

16GB RAM+ Video card or Minimum 8GB Memory dedicated to video.

SSD disk with write speed over 1000MB/s.

Access to camera in MVP tributary of SECURITHOR cam license and viewer.

MVP is not intended to process large volume of alarm signals. Secu-  
rithor's traffic view should be preferred for this task. Map display re-  
quires maintaining a Securithor support plan.

Referred to MCDI fo rminimum requirements and overview of planned operation of LiveMap and MVP module.

### Push Notification/Verification Service: VERIFICATHOR

Connects SECURITHOR 2.6 to Push Notification system by Apple, Google.

Yearly service plan for thsi option. Requires stable and continuous inter-  
net connection to Firebase Google server.Bandwidth according to traffic.

VERIFICATHOR app available for Android and iOS (iPhone and iPad).

Provisioning via STnet for ARC identification.

4 service levels: Notification (one way) ST1 or STS and Verification (One

way +2 way) and Verification with images from selected manufacturers

(one way +2 way)

Product designed and maintained by tech partner Prog 1

## EXPRECIUM D - DECRYPTA4 pstn receivers

EOL announced in April 2022. 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.	

**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.

### 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, D4 and DT42.. repaired or exchanged at MCDI 's discretion when returned post paid to MCDI Montreal HQ or MCDI Ibérica Porto Portugal. 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 registry, configuration and security level. Several products are developped or maintained by our technological partner Prog 1 inc. All spec-  
ifications valid for equipments and software made after November 2024.



## 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  
Cell 00923444440196 ghulam.rasul@aarsol.com  
Islamabad 44000 PAKISTAN aarsol.com/secrithor

### EUROPE

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



#### MCDI Ibérica

##### 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  
hola@mcdi-iberica.com

### 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

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

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edgar@intradeabc.com

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##### 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,

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Tel: +593 2-224-4068

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4405 - 875 Vila Nova de Gaia, PORTUGAL

ola@mcdi-iberica.com hola@mcdi-iberica.com

#### GHANA, WEST AFRICA

##### IM Technologies

info@imtechnologiesgh.com

Skype:isaac863

Ph: +233576547760, +233543514453

2nd darko lane north kaneshie point 4 Accra.

Accra, Ghana

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##### AARSOL Private Limited

National Science & Technology Park

Islamabad 44000 PAKISTAN

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Cell 00923444440196

ghulam.rasul@aarsol.com

#### PERU

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Sérgio Lapa sanco@sanco.pt

Rua dos Lagos, 545,

4405 - 875 Vila Nova de Gaia

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Vlad Velicu

Piatra Neamt

office@velsigur.ro

0040.744.123.047

### SWEDEN

#### OBECOM

Öberg Communication AB

Romma Bengtsgattu 5

SE-793 91 Leksand Sweden

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