



**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.mcidi.com sales@mcidi.com

**MCDI De México**  
**Tensi Saravia**  
Durango México  
Montréal, en Español: +514-487-0441  
Durango México: +52 618 825 4493  
ventas@mcidi.com

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

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

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

**15**

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



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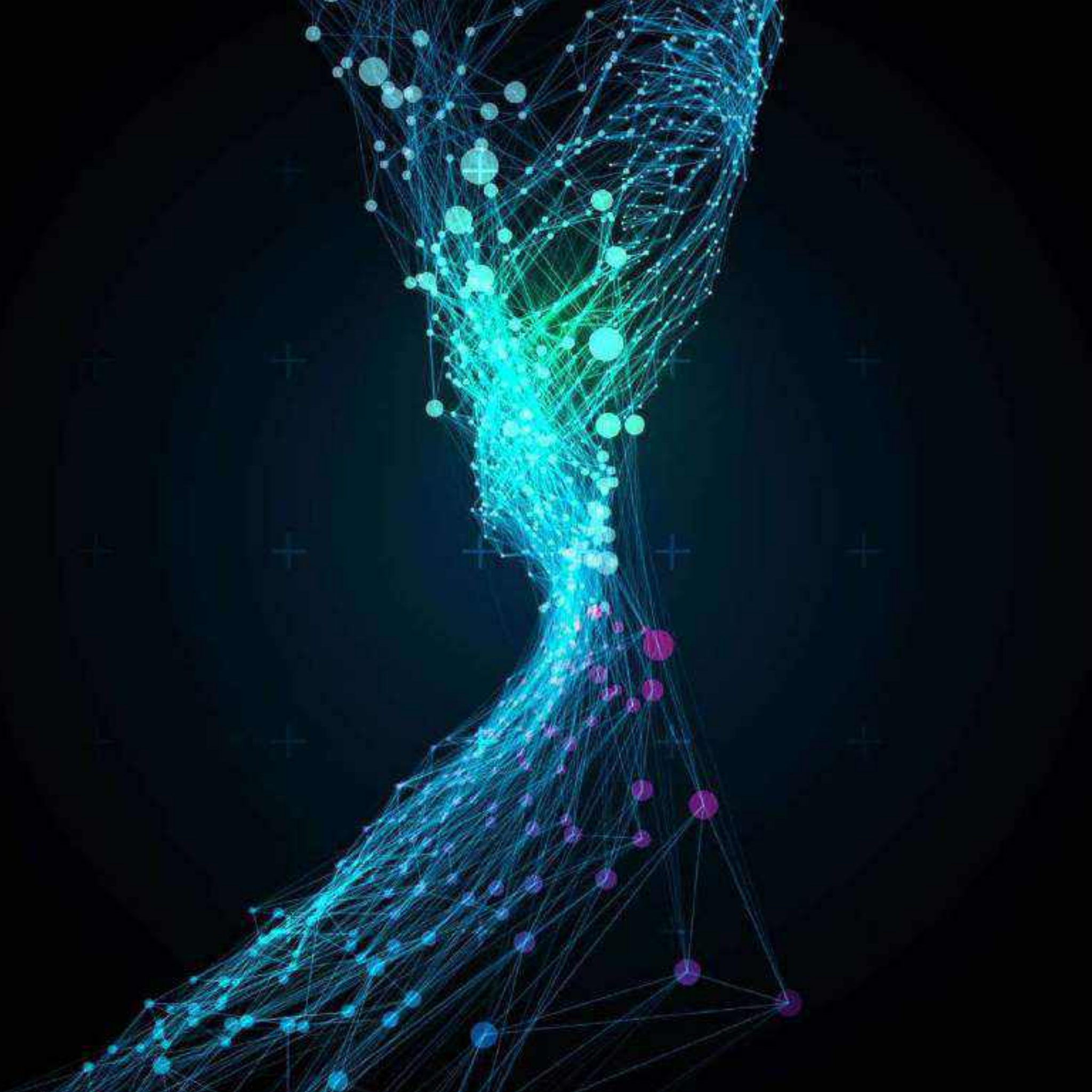
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**MCDI Security Products** is located in Montreal Canada and has been serving the Security Community since 1994 under original management. MCDI has been at the forefront of several significant advancements in the Alarm Industry, from the groundbreaking 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, Verificathor, Alarm from AI receiver, WhatsApp interface, and DT42HV.





# 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.

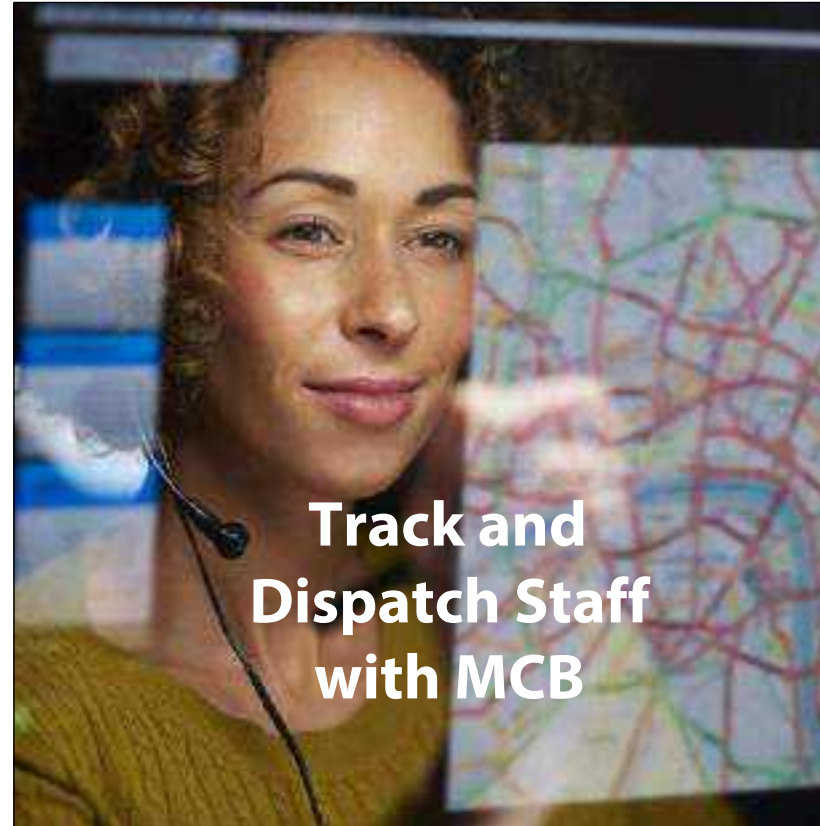
Based in Montreal Canada, we are still under original management and grow with a network of distributors and resellers around the world. Several are with us for more than 20 years.

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**



**Notifications and Verifications to staff and Subscribers, per account and alarm code**

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







**Help Button  
iPhone and  
Android**



**Automatic Reports**

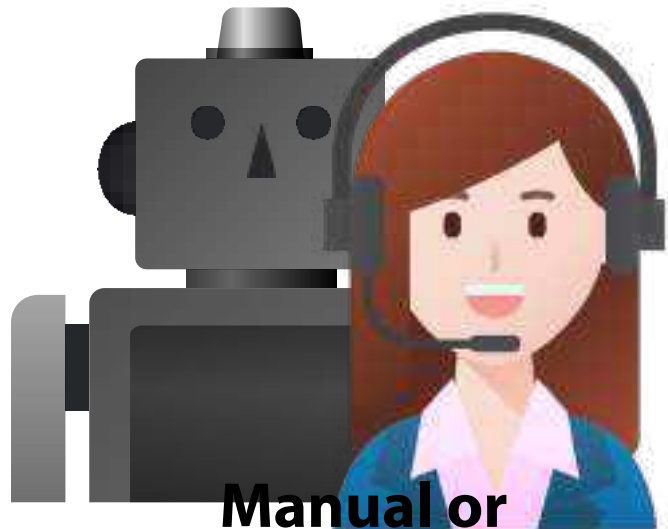


**Flexible and scalable  
One operator or  
Many working  
simultaneously**

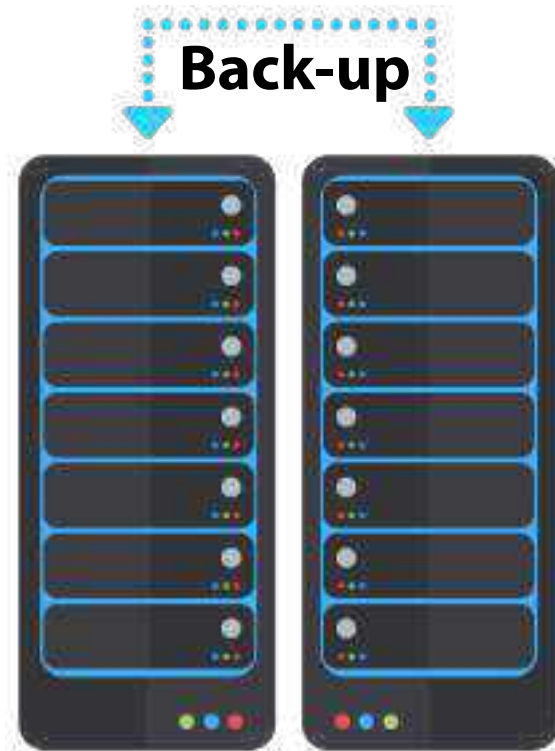


**...and features that give your more**

- 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 +514-481-1067 to get a personalized SECURITHOR guided tour.

SECURITHOR trial available from 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 Super visors.

### 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.

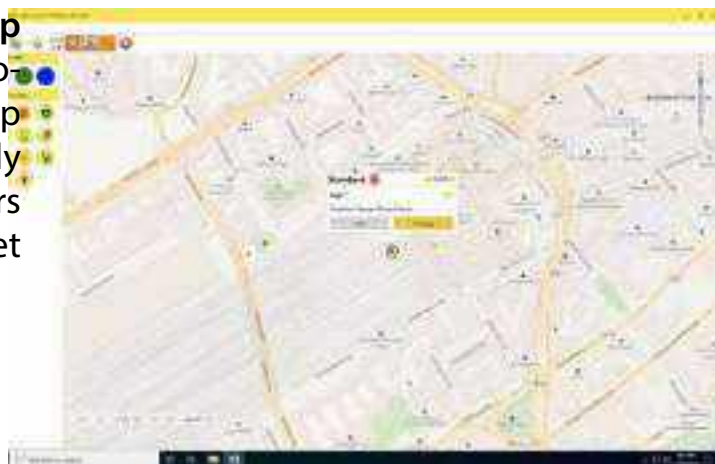
## Dispatch your own response team

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.

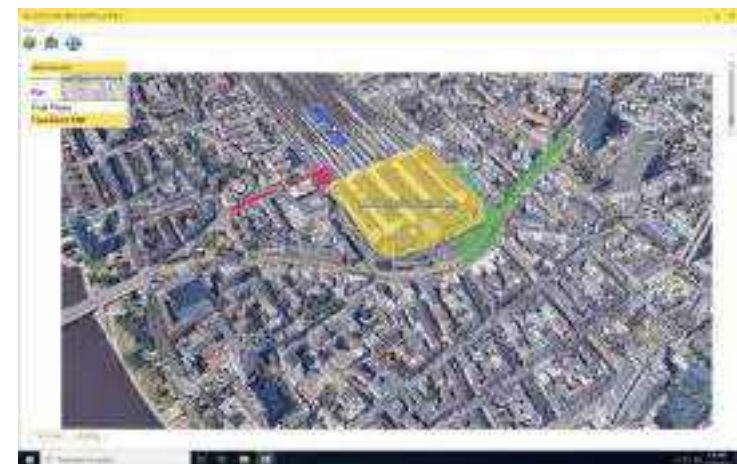
## Simplifying Industrial Alarm Response

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 I



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





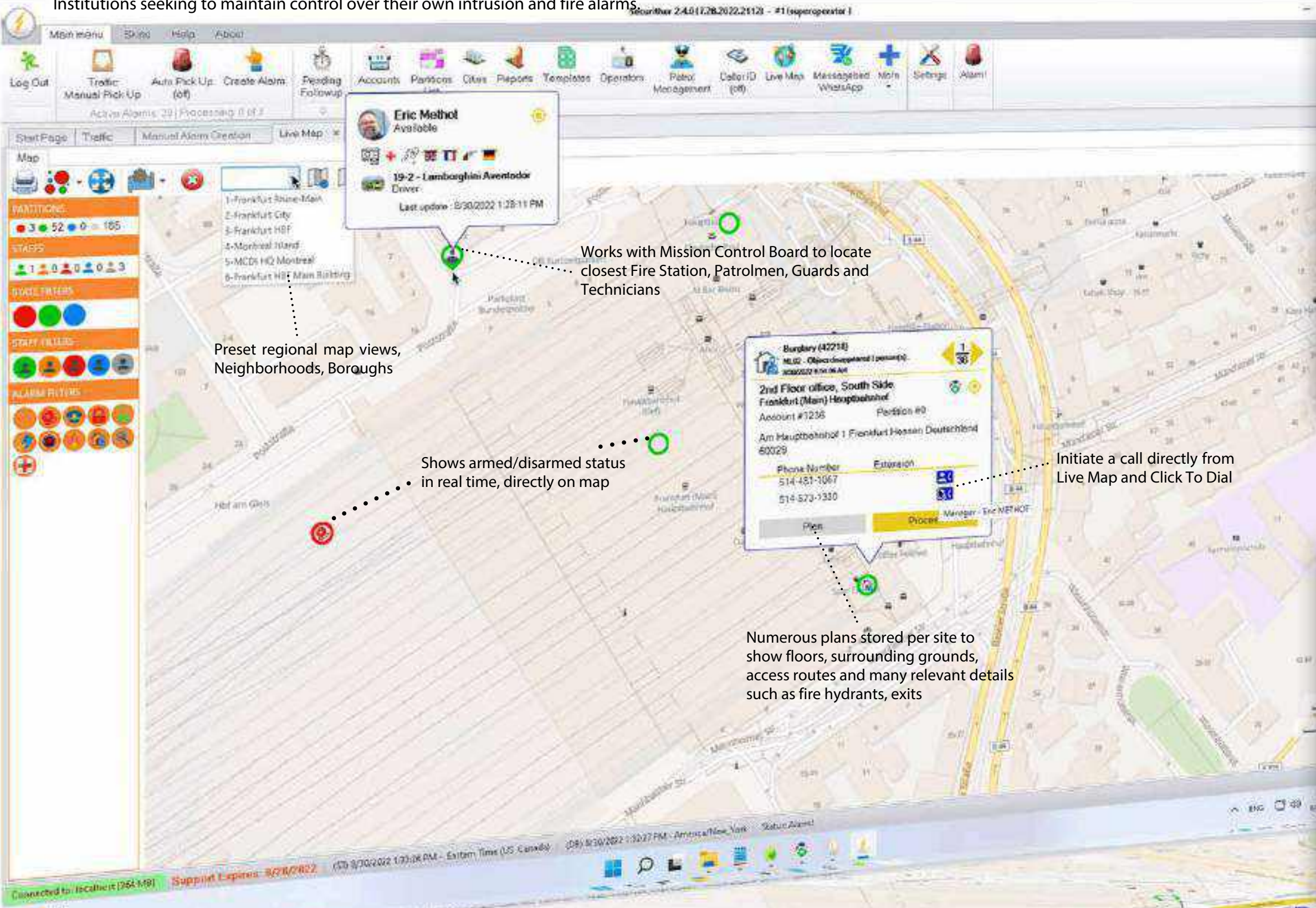
# MVP Map View and Plans

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.



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

Initiate a call directly from Live Map and Click To Dial

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



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 DoLynk 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 DoLynk, Hikvision AXpro, Hik-Proconnect, **Monitoreal**, Optex CHEKT, Risco Vupoint\*, Security360.

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

**.Bridge to P2P:** Dahua DoLynk, 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 DoLynk 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.



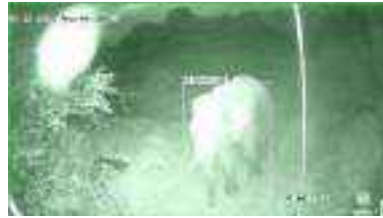
# ALARMS FROM AI

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

### CAMECT

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.

### DAHUA

**New in V2.61!**

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

### DAVANTIS

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.

### MONITOREAL

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.

### SECURY360

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.

### ULTINOUS

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.

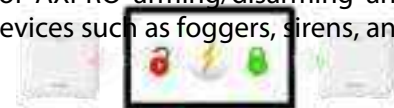
SECURITHOR and HIKVISION collaborate closely in many ways. Connecting to cameras and NVRs directly from SECURITHOR to confirm alarms is a seamless, automated process. Each alarm signal can open the corresponding camera or NVR channels.

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 SECURHTOR innovative Push Notifications or verification system. Forget costly SMS fees and unreliable emails trapped by spam filters. Verifathor system offers high customer awareness and VERIFICATION to reduce false alarms



Notifications wake up phones

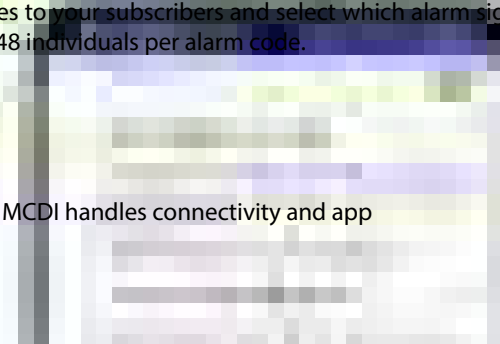


Alarm Signals delivered to Smartphones

**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:

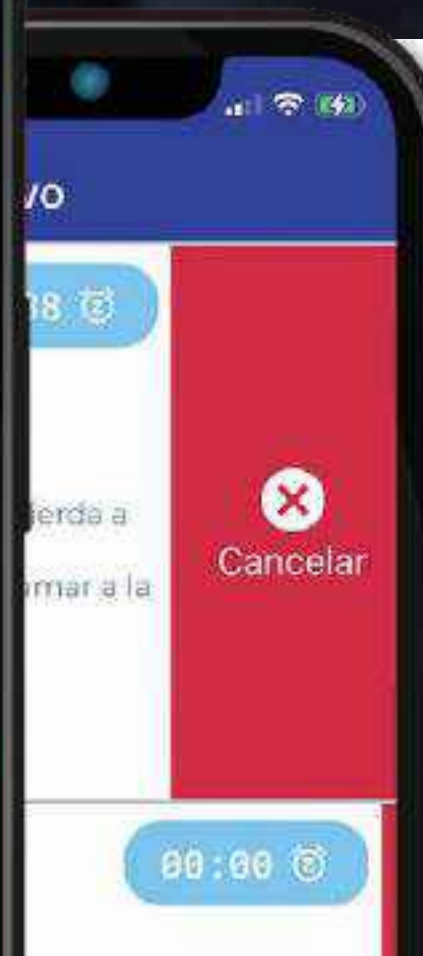
- Your Company Logo
- Your Phone number
- Your WhatsApp number

Available in 21 languages for iPhone and Android

Verifathor 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 SECURITHOR 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, Ultinous



# APS X Help Button App



Provide assistance to staff and subscribers from their smartphones



**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.



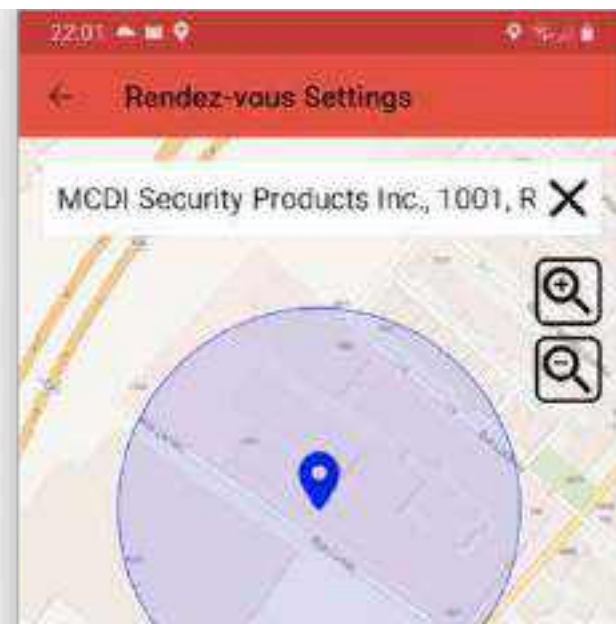
**Follow me!** Periodic location update sent when the Urgent Help Button is activated (android only). This critical information enables rapid response and ensures that help is never far away when it's needed most. **Friends:** send a location update without panic signal to 10 friends via email or SMS 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.

**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.



**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



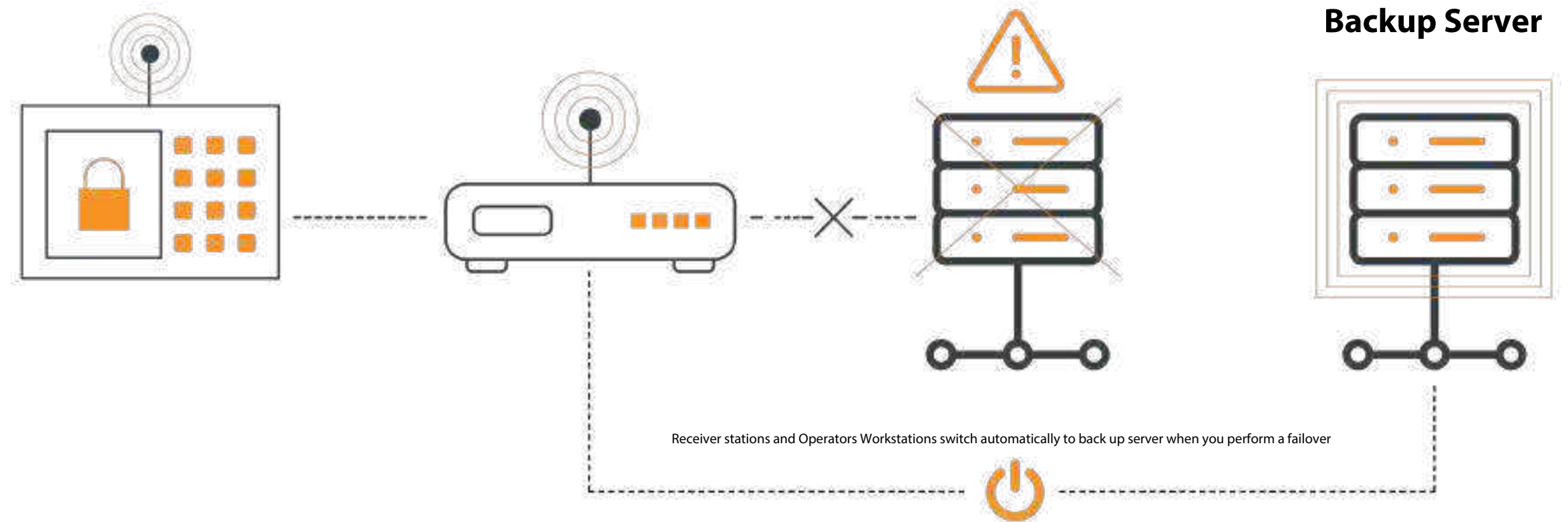


# LIVE BACKUP

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.

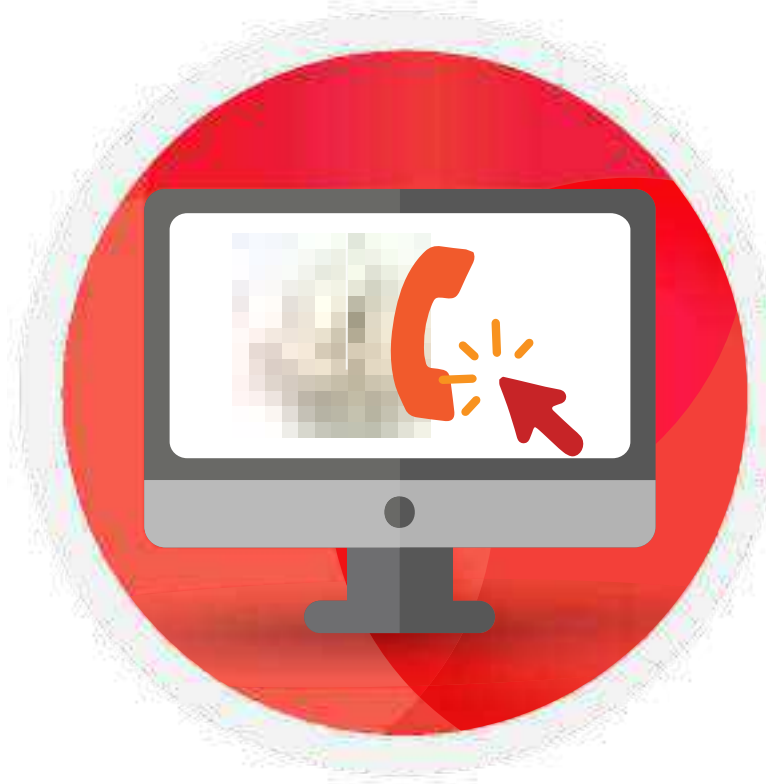
At the site, verify the Contact numbers, who gets emails, SMS or Push Notifications.



# 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.

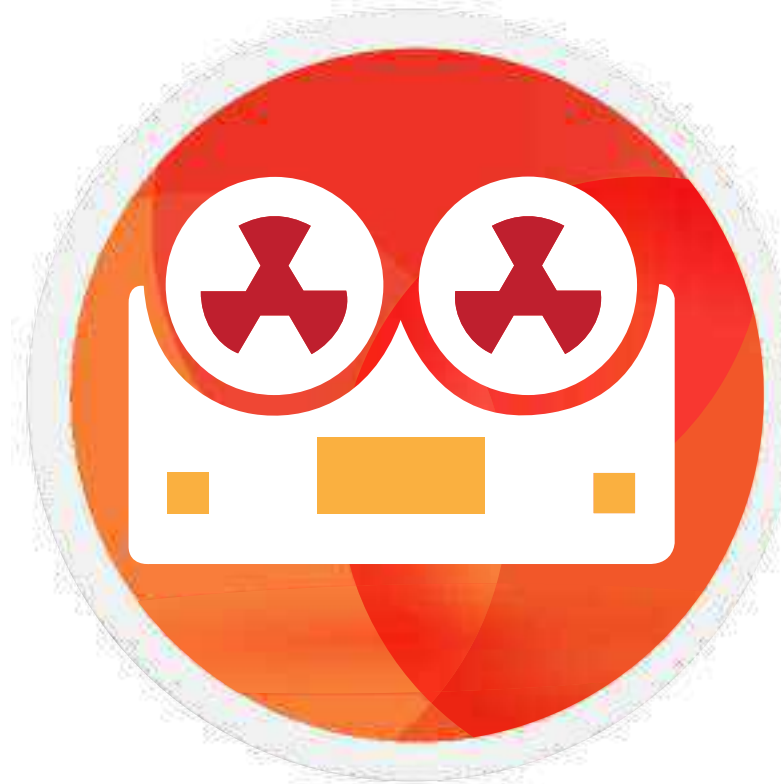
SECURITHOR and Click To Dial support customized contact lists per account/partition/ alarm code, even if the contacts are different for fire, intrusion, technical issues, or entry alarms. Your call list can be reached easily with Click To Dial.



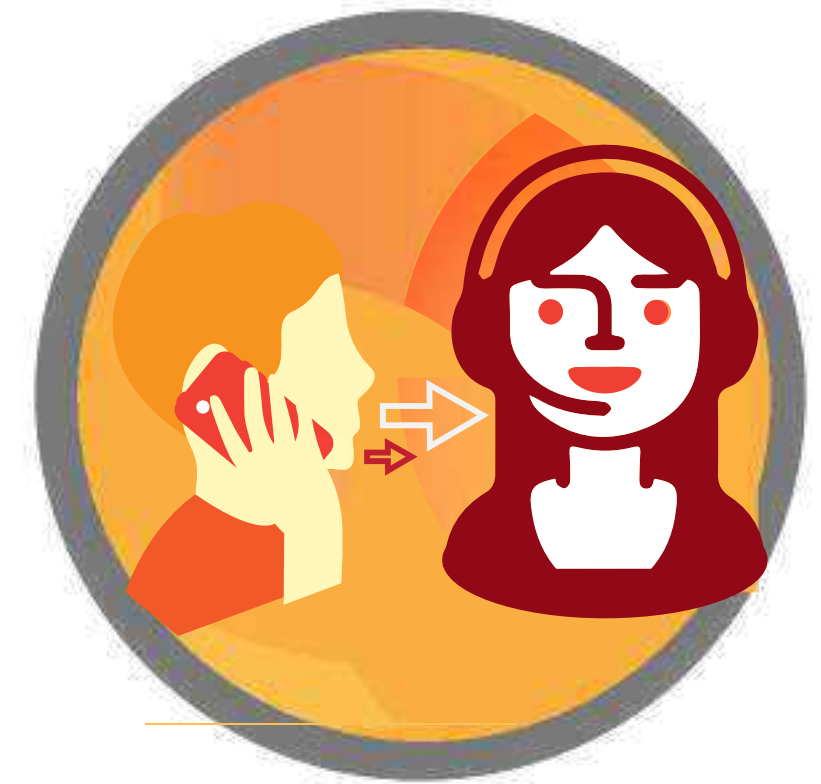
Click on any phone logo in SECURITHOR to initiate a call



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

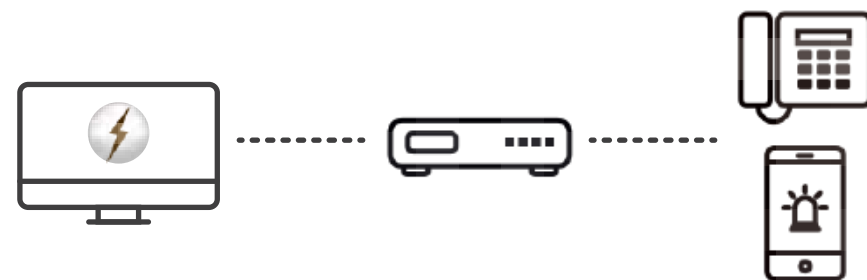


Recording module saves conversation in mp3 and tags recording with alarm event



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 ST5.

**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 ST5

Paperless operation: notes written by operator are kept per account pond 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

**P - PC Panic button for PC:** CMS can distribute



PP

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 or 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 entities add 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-



scribers and send them push notifications. SECURITHOR's WAM service includes multiple personalization for your Central.



**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.



# 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 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
Connect2go
CROW Sheperd 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)
IHoneywell 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
MyAlam Asia-Pacific Europa

MLR2
MOBYLINK
Nookbox
Nanocomm (nanomir)
NAV87XX
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
Scientech TW Sigma GR SUPA L16 STANIOT H502
H700, Tecnoalarm
Telesignal Telenot Trikidis
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 notifi- cations.

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.

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.

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.

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.

.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 this 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, FSX
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
Ademco:
- Slow/Fast:
- Contact ID;
- Extended;
- Express;
- High Speed
FBI Super Fast
3x1
4x1
4x1 extended
4x2
MC42
Optex's Varitech
Radionics 6500
Radionics extended
Sescoa Slow, Super Fast
Sescoa Standard
SIA
Silent Knight Slow
Stratel
Napco Point ID
BFSK, CFSK, VFSK)
3x1 extended
3x1 extended compressed 4x2
4x1 extended compressed 4x2
Zero removed 3x1, 4x1, extended.
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 spe- cifications 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/securithor

### 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



### 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

**25**  
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, Haiti, 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

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Nicaragua, Panama, Surinam, Venezuela  
EPCOM International Sales Dept.

En Español

**25**  
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

SYSCOM Colombia  
Cra 90A N° 64C38 Álamos Norte  
SYSCOM 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

### ESPAÑA

MCDI Ibérica  
SANCO Produtos Electrónicos  
Sérgio Lapa +351 223 710 845  
Rua dos Lagos, 545,  
4405 - 875 Vila Nova de Gaia, PORTUGAL  
ola@mcdi-iberica.com hola@mcdi-iberica.com

### GHANA, WEST AFRICA

**19**  
IM Technologies  
info@imtechnologiesgh.com  
Skype:isaac863  
Ph: +233576547760, +233543514453  
2nd darko lane north kaneshie point 4 Accra.  
Accra, Ghana

### GUATEMALA

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

### INDIA, BHUTAN, NEPAL, SRI LANKA

TRADESEC INDIA 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.tradesecamc.com  
dilip@tradesecamc.com

### 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@topkotas.lt | info@topkotas.lt  
www.topkotas.lt

### 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

### KREBICHA SECURITE

250B zone université, Tevragh Zeina,  
Nouakchott, Mauritanie Tel : 00 (222)  
45245037  
krebichasecurite@gmail.com

### Middle East

MEDC Middle East Distribution Centre  
UAE, Jordan, Lebanon, Saudi, Yemen

GDC Gulf Distribution Center in OMAN  
Yaman Salahie +971 55 608 7031  
salahie@medc-dubai.com

### 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

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

### MCDI HONG KONG

### MCDI PHILIPPINES

**PANG, Roland Bernal,**

**BDM**

**Certified for DAHUA integration**

Mobile/WhatsApp:  
Hong Kong: +852 9853 8516  
Philippines: +63 917 637 4581  
skype: live:bernalroland  
**r b@mcdi.com**  
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

EPCOM International Sales Dept.  
For Texas, New México, Florida  
En Español  
Oficinas en El Paso, Miami, San Antonio.  
+(915)533 5119  
w. www.epcom.net , www.syscom.mx

### Kingfisher Company Inc.

Fire Prevention Partner  
81 Old Ferry Road  
Lowell, Massachusetts 01854  
sales@kfci.com  
Phone: (888) 687-5324

MONTGOMERY AMES Associates  
Representative in New England and NY

Blair Ames

+1 (781) 910-7015

Wareham, MA 02571

PH: 1 (617) 464-3600

Mobile: 1 (781) 910-7015

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in many countries where MCDI SP is not  
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