



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 them.

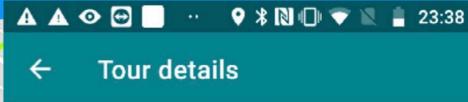
You can prepare itineraries for scheduled work with both MCB plug-in for SECURITHOR or the stand alone MCB Go! It's not limited to Guards and Patrolmen. Use itineraries for Delivery men, alarm system installers, maintenance staff, repairmen, visiting nurses, school bus pickup etc.. Organize routes for 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



Rosemont

In progress

Current Checkpoint

[333B, 0] - MCDI Da Rosemont

5650 St-Andre

WRITE REPORT

Checkpoints

- [333B, 0] MCDI Da Rosem... 5650 St-Andre
 - [3333, 1] LLLozeau 6229 St-Hubert
 - [3333, 2] Renaud-Bray 6255 St-Hubert
 - [3334,0] St-Hubert Express 6359 St-Hubert

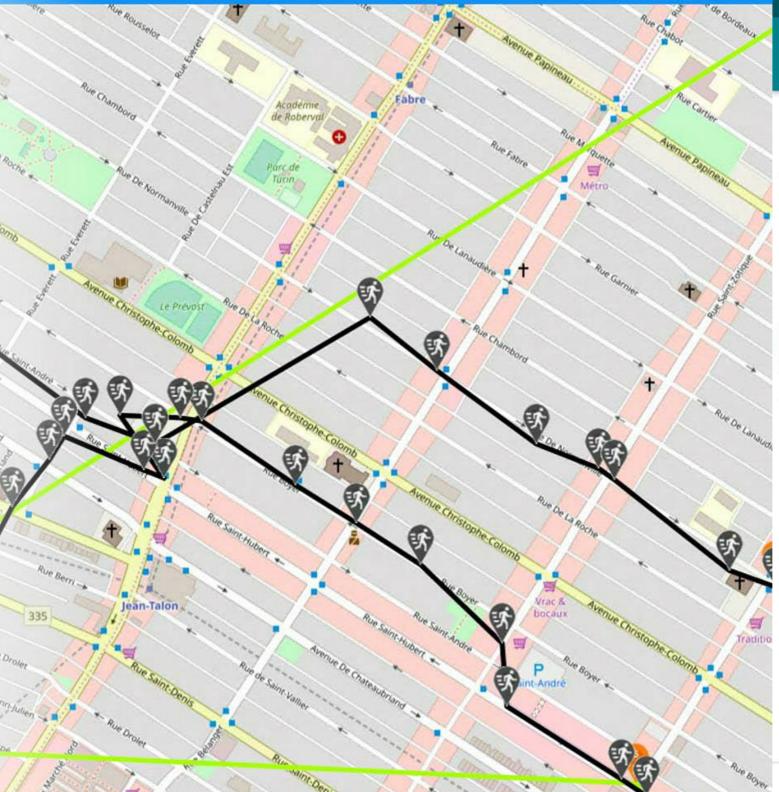












The MCB app

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 with videos and pictures.

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



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

Languages

MCB app is available in English, Arabic, Español, Français, German, Greek, Hindi, Indonesian, Malaysia (Bahasa), Nepalese, Português, Romanian, Swedish, Ukrainian, Turkish. Contact MCDI to add languages.



Not only for Guards and Patrols!

You don't need Patrolmen and Guards to 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 or their Android phone. View where they are on the map and send them jobs, either on demand or on schedule.



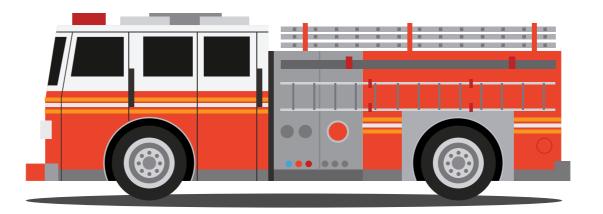
MCB Go! is designed to manage your mobile staff if you do not need to transfer jobs from the SECURITHOR Monitoring Software. It works completely stand alone without the SECURITHOR Monitoring Software.

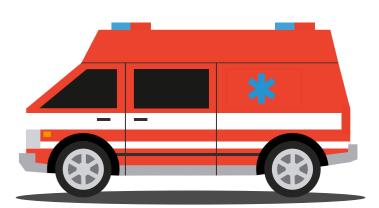
Minus the alarm event transfer, MCB Go! has the same functionalities as the SECURITHOR Plug-in: track employees, send them missions or itineraries on demand or schedule.

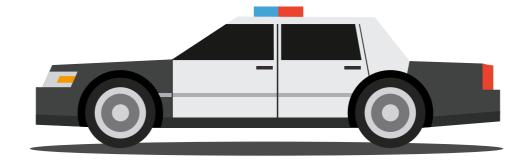
All the geofencing, QR code/NFC tags scanning, vehicle pairing, Reports with pictures/videos from staff are present in MCB Go!



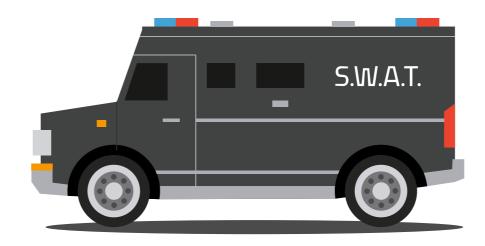


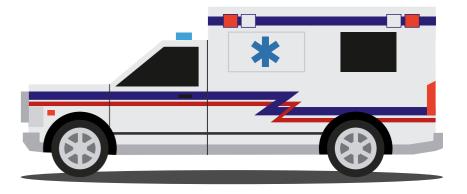




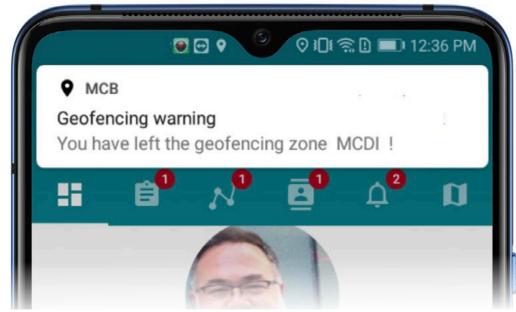








Where's W ?



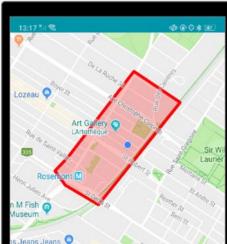
geofencing notifications appears when entering a forbiden zone or when leaving an authorized one.

GEOFENCING: IN OR OUT

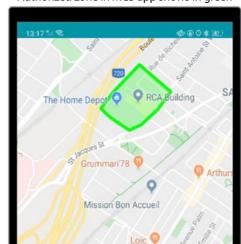
Draw zones on a map to assign staff members to a location. You will know if employees arrive on time and if they stay at their posting. Both base station and staff know because they get a notification when they step out of the authorized zone.

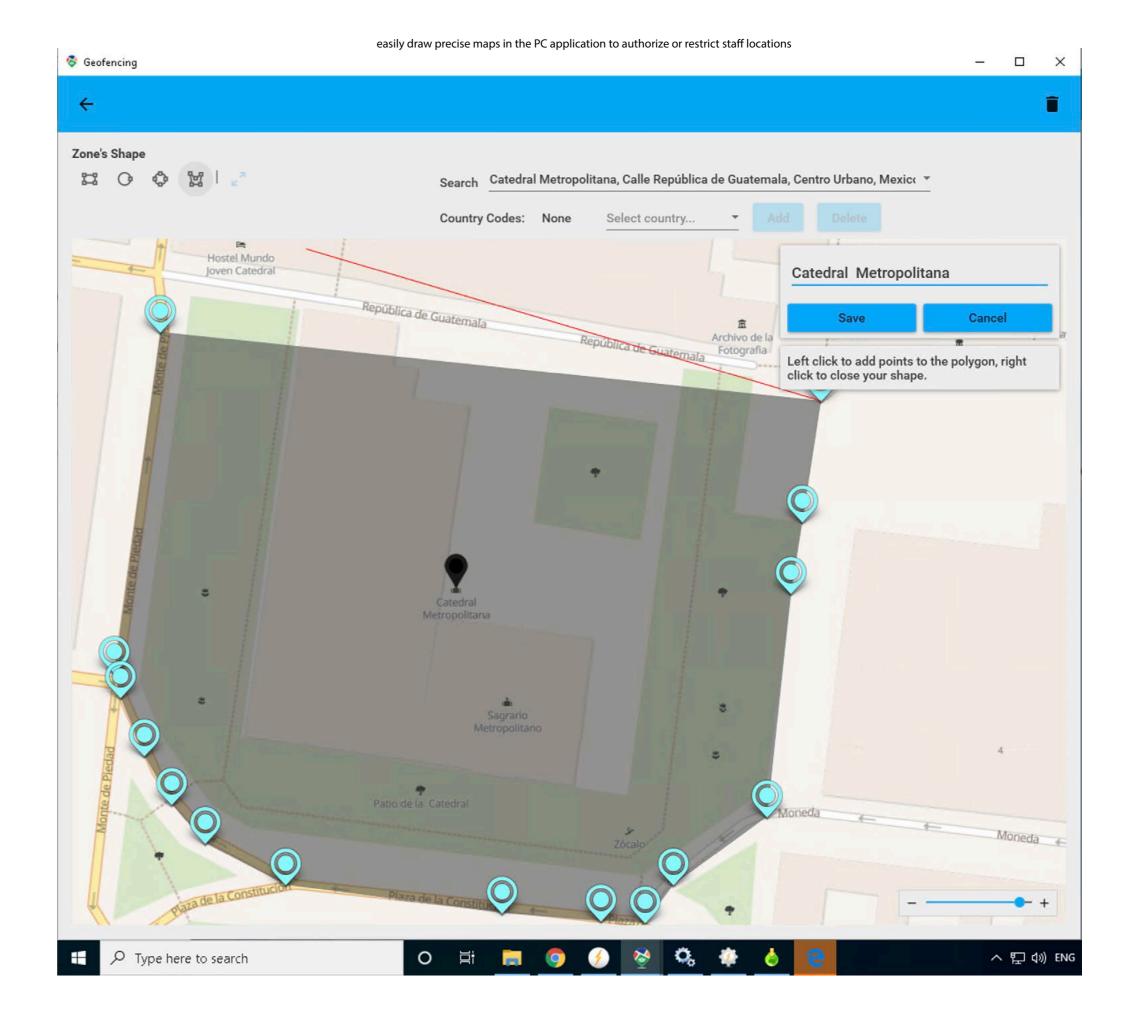
Select forbidden zones to prevent unauthorized visits or to enforce allocated territories. Both type of geofencing are easily set on a map with drawing tools.

Forbiden zones show clearly in red



Authorized zone in MCB app shows in green





I'm here!

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

Double your proof with QR codes or NFC tags scans at checkpoints and delivery or 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 nearet to your customer at 13h00?

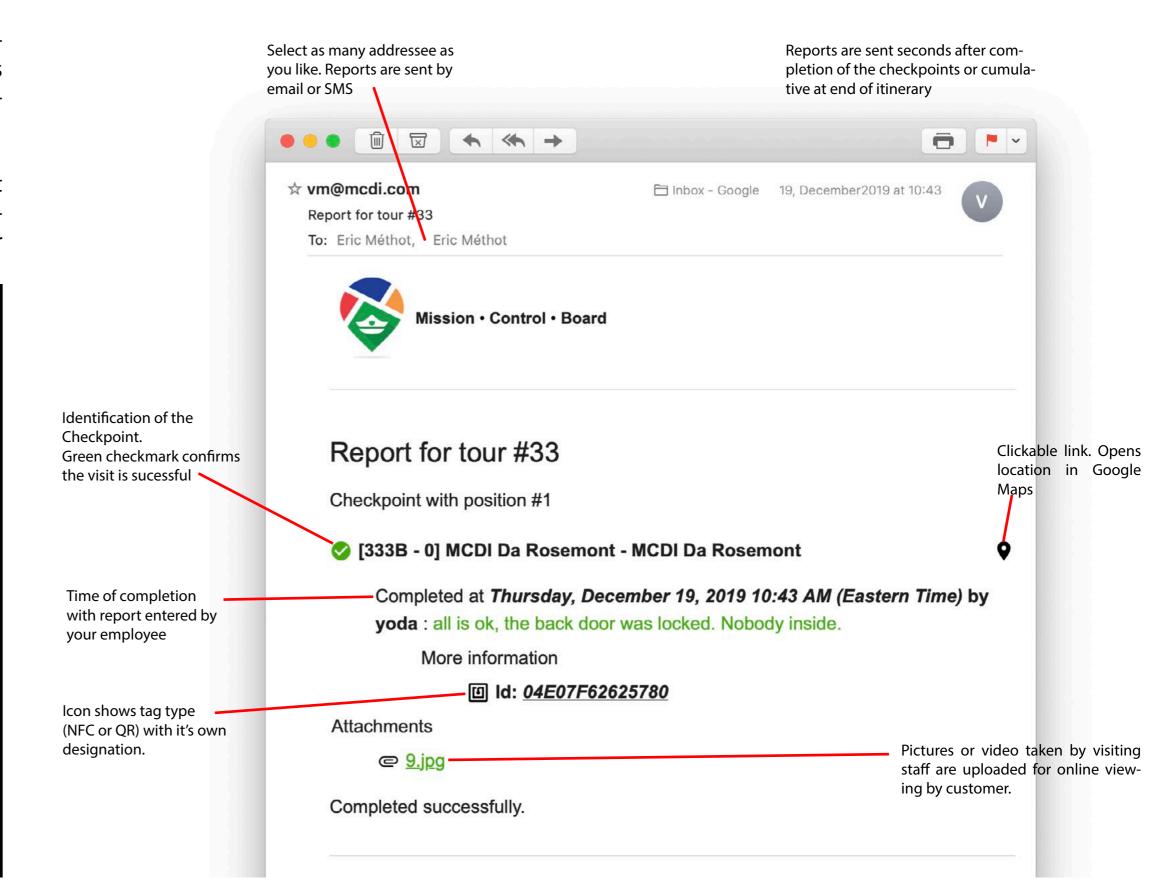
You can find this information in MCB and offer a proof of presence to your customers.

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.

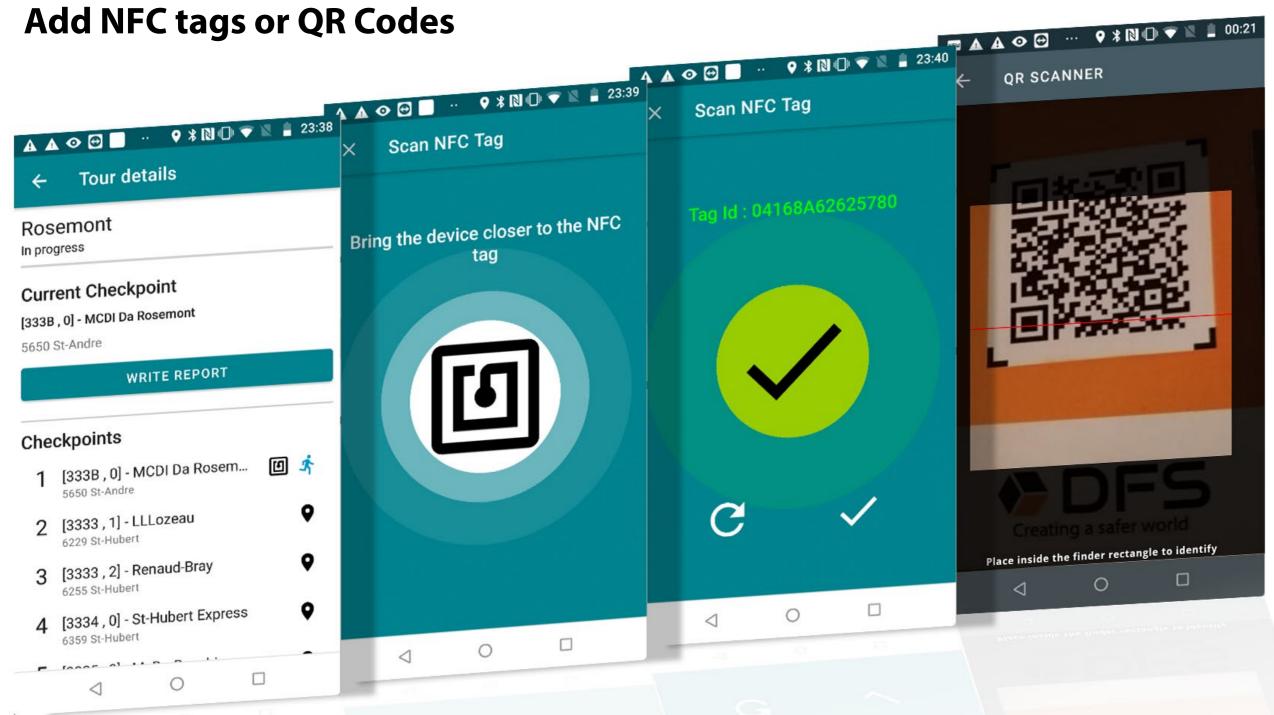
Email or SMS visit reports

MCB will send an email each time a checkpoint 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!



DOUBLE VERIFICATION

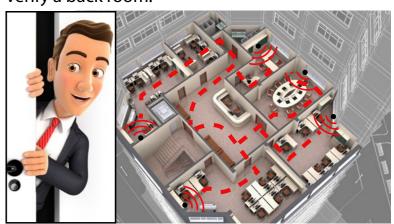
Add NFC tags or QR Codes



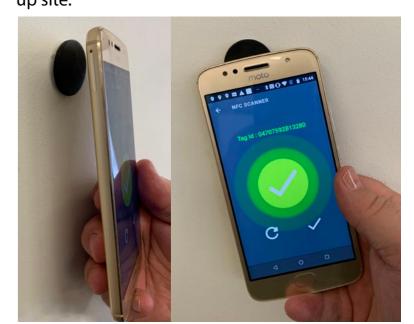
Place NFC tags or QR codes to confirm your staff presence at checkpoints or on equipment to service.

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 that 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.



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



SPECIFICATIONS

DT42/DT42m

Alarm receivers

DT42 receiver, alarms over IP

DT42m receiver, alarms over IP and phone lines

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

DT42/DT42gb: typical less than 1.1A 5VDC DT42m/DT42gbm: typical less than 1.2A 5VDC

Communication:

DT42gb: ethernet, usb, serial

DT42m/gbm: ethernet, usb, serial, analog phone

Dimensions:

5.720" L x 5.750" W x 1.635":H (excluding connectors and rubber feet) Rack-mount width 19 inches, height: 1U, 6.5 in deep Finish: bright orange enamel, black serigraphy.

Android app: 5.1+ with notifications enabled. Access to Google Notifi-

Formats and brands supported

Aiax Hub (2019+ models)

AMC Elettronica

ARTEC AR88

Bosch 6512

Cirrus 4T

Climax TW

Digiflex Bosch

Fldes/Fldes Kronos

Focus/MEIAN STIII FC-7688plus

GSD Global Security Devices Hikvision AXIOM

INIM SmarLiving and Prime

Kerui/Wolfgard G9B0

King Pigeon G5 Knookbox

Scientech LS-30

Trikdis G09/G16/SP231GC17

Mars-Commerce 7eus

M2M Services Bulgaria- America

MI R2

Nookbox

Nanocomm (nanomir) NAV87XX

Novation Security

Optex Genio ST/ Genio Advance PIMA Force Series

Pyronix ENIP

Rightkey

Risco Lightsys 1 SIA Risco Agility

Roel Multicomm, CERBER, Xguard IP

SATEL gprs-a

SECOLINK Pas816, GSV5, GSV6U

Scientech TW Sigma GR

SUPA L16

Tecnoalarm

Telesignal Telenot

Trikdis G09/G10/G16/G17/ SP231

TOPKODAS GTalarm2, GTM1

Vanderbilt Flex C (special license) 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

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

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

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

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

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 reporting frequency and encryption level.

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 and Spanish.

DT42 is backed by MCDI SP 2 years limited warranty. Programming updates are free during the warranty period.

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

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

MCB Mission Control Board

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

MCB Mission Control Board

Workforce Track and Dispatch.

Configurations:

MCB as a plug-in for Securithor: 10,25,50,100 users MCB Go! Stand alone application: 25.50.100 users

Technical requirements

MCB Android app 7+ . 80MB space. GPS capacity and Internet connection for communication to station.

Bandwidth according to size of information transferred.

Station requirements (PCB application, staff of 10, no other application sharing PC with PCB to the exception of SECURITHOR FOR MCB plug-in): Minimum for trial: i3, 4GB ram, 10GB HDD for installation.

Hostname or static IP. One port dedicated and forwarded to PCB PC Bandwidth according to size of information transferred.

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

Compatible outgoing mail server and ftp space for checkpoint notifi-

NFC tag use requires compatible phone with NFC reader and compatible

QR code scan requires compatible phone with camera and Android QR

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

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

Phone's camera use requires accepting relevant permissions.

SECURITHOR MONITORING SOFTWARE

Configurations

Single PC:

STI Starter kit

ST1 SECURITHOR V2 one station, unlimited accounts

NETWORK EDITION:

STS Server license

STWx Workstation license according to number selected.

SECURITHOR Add-on Modules (options)

APS Assistance app for iPhone and Android.

Compatible with Android 5+ and iOS 10+ Individual phones not supported.

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 Mapping in Rendez-Vous system requires maintaining a Securithor support plan.

CAM/CAM Premium

STI: option

ST1: CAM included, CAM Premium as option

STS: CAM included, CAM Premium as option

CAM module

SDK Integration:

Hikvision, Dahua, EPCOM

CAM Listener for direct Hikvision and Dahua device alarms. Automatic opening of provisioned video feed with pre-alarm

Video feed recording. Audit trail for activation without prior alarm signal.

Screenshot on demand for MCDI Viewer.

Control of zoom, iris, focus, ptz, 2 way audio, relays (when applicable) External jump http link, rtp, rtsp, jump to external windows app Pre-alarm per device for SDK integrations.

CAM Premium

All in CAM module plus the following: .Reference images tool in selected MCDI Viewers. .SDK Integration: Cubitech Tribrid, Dahua, Elmo, Focus H&S, Hikvision, Video (optional modules, third part software not included) .Bridge to ACC Avigilon 4/5/6. Alarm receiving from ACC. Bridge to ACC. .Interface to Davantis DAVIEW .Bridge to Frontel from Videofied

.CAM Listener: alarms from selected Dahua and Hikvision Cameras and

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

.Interface communication: Bosch CBS, DAVANTIS Daview, Frontel (Vid-

eofied). Visonic Visnap (with MCDI VOD) and Visonic Power Manage.

Update of third part cameras, devices DVRs via Securithor update.

For SDK integrations:

Video feed recording

Pre-alarm opening (setting per device)

As courtesy, without technical support:

.Bridge to P2P Hikvision**, ONVIF**

Screenshot capture on demand.

Weboperator

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

As services by MCDI:

Push Notification Service 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: 5+ iPhone: iOS 10+

Direct MCDI products for SECURITHOR

.API: Rest api for SECURITHOR .Customized installation (db on Linux Server) .Push Notification Service .Web Access Module

.App personalization

.Dedicated support plans.

SECURITHOR Minimum Requirements

To operate trial:

Intel process i3. 4GB Memory, 40GB space on disk

To operate for production:

Contact MCDI as minimum requirement vary according to usage and

OS: Securithor user interface can operate under Genuine Windows 7, 8, 10. .net framework 4.6.2. required.

Servers license: compatible with Genuine Windows 7, 8,10, 2012, 2016 Pro version recommended with latest update. .net framework 4.6.2 re-

Email and SMS

SMS notification works with third part compatible modem not supplied with Securithor: Sony Ericsson GM28/29 GT47/48, Janus, Telit 864 family, Siemens/Cinterion mc52i, mc65. Number of modem and gateway capacity must be sufficient to handle traffic generated by Securihtor.

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

MVP MAP VIEWS AND PLANS

Plug-in Module for SECURITHOR

Minimum requirements:

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

Access to video camera equal to Securithor license.

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

Push Notification Service by MCDI

Connects SECURITHOR to Push Notification system by Apple, Google. Yearly service by MCDI. Hosting in Canada.

Requires stable and continuous internet connection to MCDI server. Bandwidth according to traffic. Alarm Station app available for Android and iOS (iPhone and iPad). Provisioning via STnet provides individual subscribers registrations.

EXPRECIUM D phone line receiver 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):

Telim//Robofon: 1180Hz / /1100Hz

Optex's Varitech

Ademco: Radionics extended Sescoa Slow, Super Fast - Slow/Fast: - Contact ID Sescoa Standard - Extended; Silent Knight Slow Express: High Speed Napco Point ID FBI Super Fast BFSK,CFSK, VFSK) 3x1 extended 3x1 extended compressed 4x2 4x1 extended 4x1 extended compressed 4x2 Zero removed 3x1, 4x1, extended

Reporting protocols to Automation Software

All boards are delivered with Bell 103 on both lines

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

Printer Output:

Exprecium D supports Epson T Family POS printer through Serial communication. Designed for Epson T88V USB and Epson LX 300 families. Converters not supported.

Power Requirements:

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

Station Requirements:

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

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

Configuration tool: PC running OS allowing installation of .NET 3.5 such as Windows XP, 2003, Vista, Server 2008r2, 2012, Windows 7, 8, 8,1

DECRYPTA 4 phone line receiver

Power Requirements:

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

Energy saving automatically switches LCD backlight when switching to

D4 is fitted with an internal relay to trigger externally powered devices such as a visual indicator, strobe light or siren. Terminal posts, dry contacts, on D4 back for normally open and normally close positions. Relays triggered each time an alarm signal is received by D4. Relay maximum current 30VDC 1A max.

Station Requirements

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

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

Relay Relay triggered each time an alarm signal is received by D4. Relay maximum current 30VDC 1A max. NO or NC available.

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

Output as MCDI, SG MLR2 or Ademco 685. Some formats are not

Reporting protocols to Automation Software

available to all reporting protocols.

DRIVERS AND COMMUNICATION USB drivers supplied 7, 8, 8.1, 10, 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: 2 years limited warranty for Ed and D4.

MCDI SP 2 years limited warranty. 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 performed nor provided by MCDI.

Rohs compliant, FCC, IC, CF, TBR21, FN50136

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

All software products with assumption a genuine Windows OS is used, maintained and updated. istry, configuration and security level

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several countries. If you think your organization can benefit from reselling MCDI SP products, do not hesitate to contact us with a brief presentation of your company, your local market and products

