

# EVT-S9-EX

## Ex ia VISITOR & STAFF ACCESS CONTROL HANDHELD SCANNER

The EvTrack S9-EX is a rugged Smartphone designed for use in hazardous environments. Used as an access control device with the EvTrack Guard application. It features a large 6" AMOLED display, 2.7GHz 8-Core CPU, highly sensitive touch screen, 5G data transmission as well as a 1D/2D barcode scanner.

It is the ideal handheld device for portable access control or visitor management applications when utilised to control access to a site.

With the device, one is able to scan pre-registered QR code or RFID access control card credentials. The ultra-hi-definition camera can be used for photographing visitors or to document everything from proof of delivery to damaged packages or an asset a visitor is bringing in.

### 6.0" AMOLED Touchscreen

Designed for rugged daily use by security guards, the EVT-S9-EX has an ultra large vivid 6.0" display allowing plenty of visitor or access control information to be displayed for interaction with the EvTrack Server, while the powerful lithium-ion battery lasts a full shift and beyond.

### 5G Support

Featuring the latest communication technology, the EVT-S9-EX has both 5G for cellular communication as well as WiFi 6 for WiFi network connectivity.

## EvTrack Features & Benefits



Access/Control QR Code and RFID Badge Creation with Company Logo + Staff Photo + Induction + Medical Dates + Staff Details + Department.



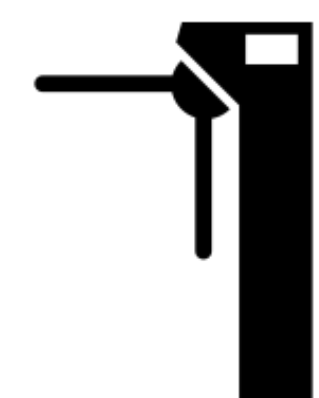
Rugged Easy to Use Application with MIL-STD 810H rated handheld device with IP68 rating for water and dust resistance.



Developed and certified for use in hazardous areas. The unit is intrinsically safe and can be used in the following areas: ATEX / IECEx Zone 0, Zone 1 and Zone 21.



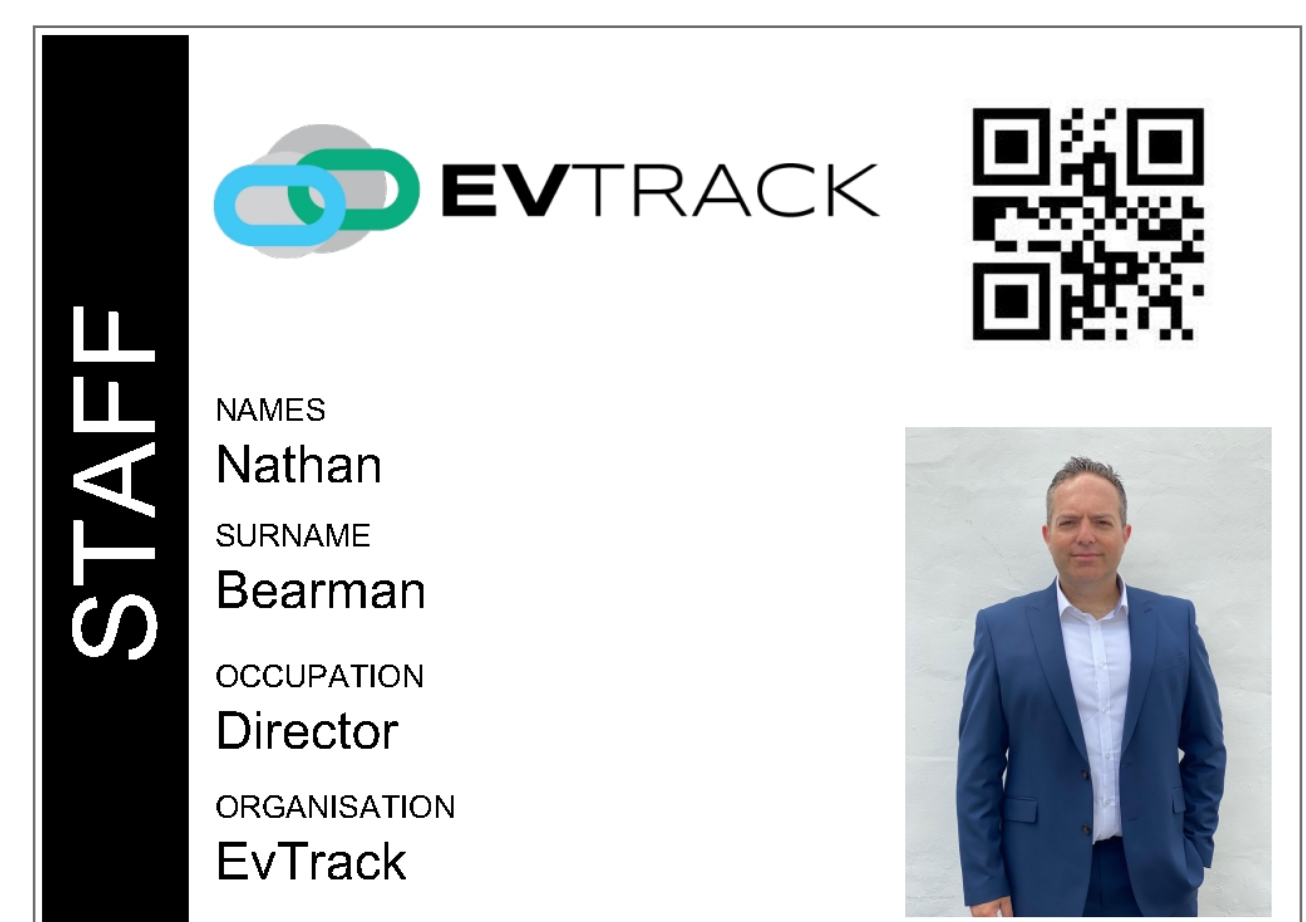
Extensive Data Analytics Reporting Including Time/ Attendance, Busiest Access Times, Access/ Control Events, Access Denied Events.



Full Access Control Stack Including Access Control Points, Groups, Schedules + Integration Options For Physical Gate/Door Control or 3rd Part Access Control Integration



## EvTrack QR Staff Badges



# EVT-S9-EX Technical Specifications

SYSTEM	
Processor	2.7 GHz Octa-core Qualcomm QCM6490
Memory	8 GB RAM
Operating System	Android 13
Storage	128 GB
Camera	48-megapixel colour camera (rear) 8-megapixel (front)
External I/O	USB-C
Battery	Li-Ion, 3.8 V, 4300 mAh, (removable back case)
Scan Engine	Zebra SE55 1D/2D Scan Engine
Contactless Card support Newland	Mifare and ISO1443 A/B
Sensors	Motion Sensor, light sensor, and gyroscope
Operating System	Android 13

WIRELESS CONNECTIVITY	
WLAN	802.11a/b/g/n/ac/ax + WiFi 6
Bluetooth	Bluetooth 5.2 BLE, Class 2
Cellular Radio	5G FR1: 5G NR (Bands: 1-3, 5, 7, 8, 20, 25, 28, 38, 40, 41, 48, 66, 71, 77, 78) LTE: 1-5, 7, 8, 12, 13, 17, 20, 28, 38, 40, 41, 48, 66, 71) UMTS: B1/2/4/5/8 GSM: 850/900/1800/1900 Integrated Near Field Communication (Yes)
GPS Supported Protocols	Support for GPS, GLONASS, and BeiDou

ENVIRONMENTAL	
Operating Temperature	-20°C to +50°C
Storage Temperature	-30°C to +60°C (No battery)
Humidity	5% to 90% (non-condensing)
Drop	Per MIL-STD 810H Testing
Environmental Sealing	IP68

MECHANICAL	
Dimension	169 x 84 x 31 mm (L x W x H)
Weight	370 g
Display Size	6.1", 1080 x 2340
Front Glass	Gorilla Glass Victus (Gen 8)
Touchscreen	Capacitive multi-touch
Usability	Stylus, Bare or Gloved Fingertip

EXPLOSIVE PROTECTION	
ATEX Marking	II 1G Ex ia op is IIC T4 Ga / II 2D Ex ia op is IIIC T135 °C Db IP64
Certification	UL 24 ATEX 3153X
Marking IECEx	Ex ia op is IIC T4 Ga / Ex ia op is IIIC T135 °C Db IP64
Certification	IECEx UL 24.0004X
Marking NEC/CEC500/505	Class I, Div 1, Groups A, B, C and D; Class II, Div 1, Groups E, F and G; Class III, T4 Zone 0, AEx ia op is IIC T4 Ga Zone 21, AEx ia op is IIIC T135 °C Db Ex ia op is IIC T4 Ga Ex ia op is IIIC T135 °C Db

# EVT-S9-EX Product Layout

Auto-Focus Front Camera

6.0" AMOLED Display

Rear Battery Bay

Gorilla Glass Protection

Wrist Strap Slot

1D/2D Barcode Scanner For QR Code Badge Scanning

RFID Reader

Rear Main Camera



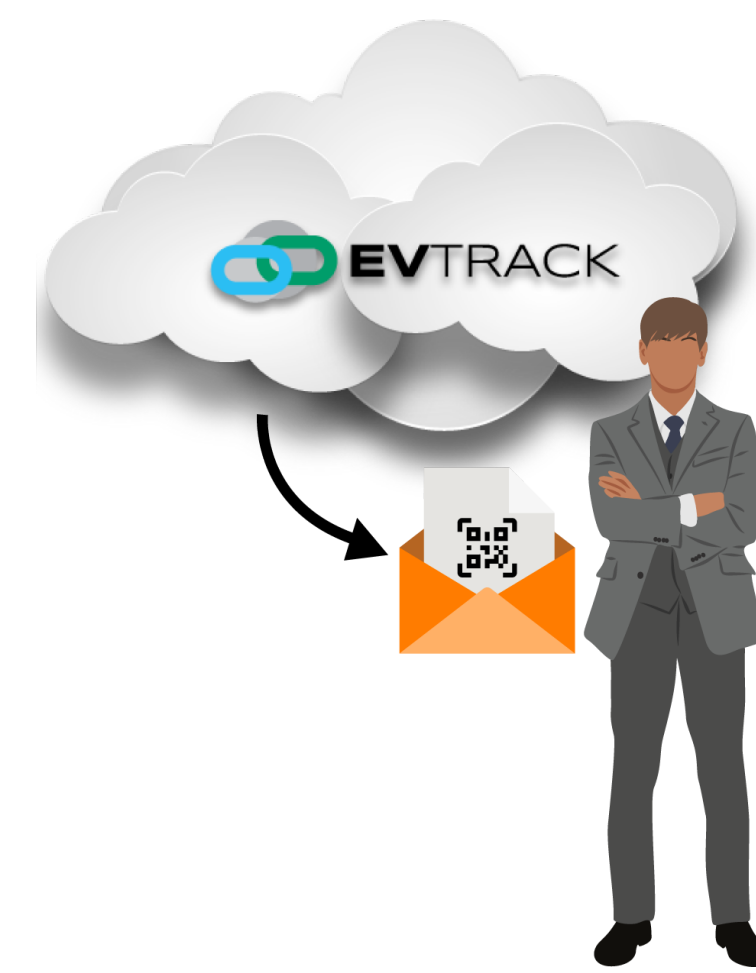
# WORKFLOW



**01** Staff are enrolled via the EvTrack registration link. Data such as name, organisation, mobile, photo ID/passport, etc can be uploaded.



**02** The security or admin approves the staff member's registration and a QR code badge is created and issued with a start + end date.



**03** Staff badge can be Emailed to the staff member or can be printed by the admin team and physically issued to the staff member.



**04** Staff Member Arrives & Security Selects the Access Control Point on the Handheld Scanner Device.



**05** The security officer scans the staff member's QR badge and if valid, the staff members photo is displayed & is granted access.



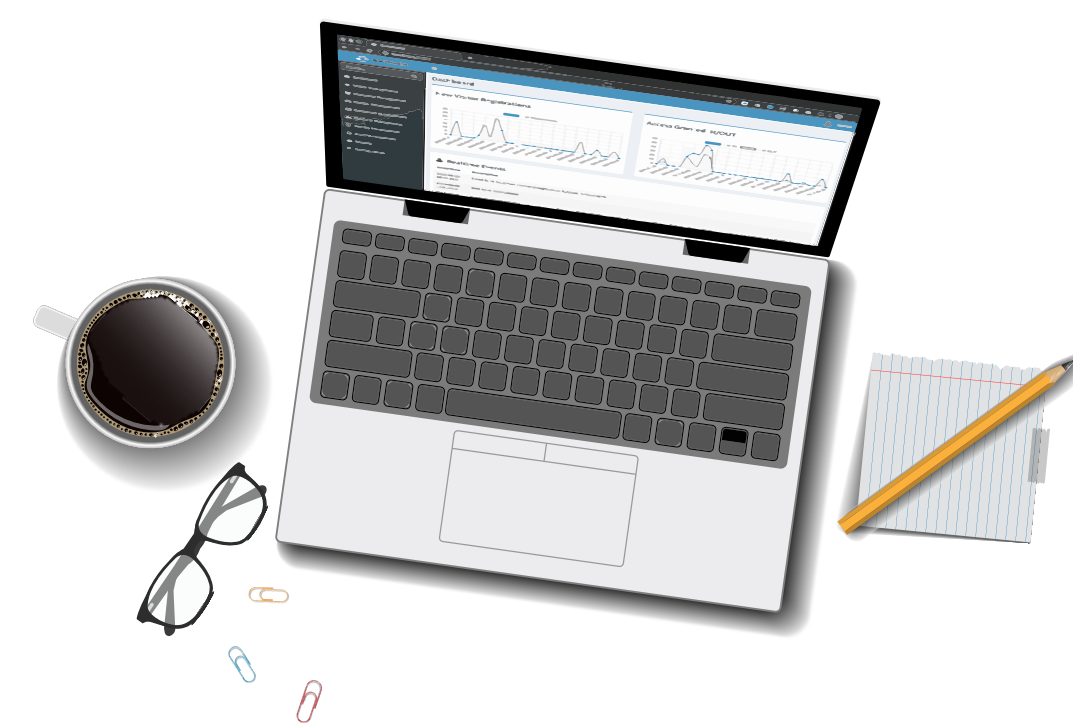
**06** Each and every access control event is logged onto the EvTrack server and reports/analytics can be extracted,

# SYSTEM ARCHITECTURE



## EVTRACK CLIENT APPLICATION (Cloud Only)

- Operates on Android, Apple or Huawei
- Used for Sending Visitor Invites
- Digital QR Code for Access Control
- Approve Visitors
- Other Features



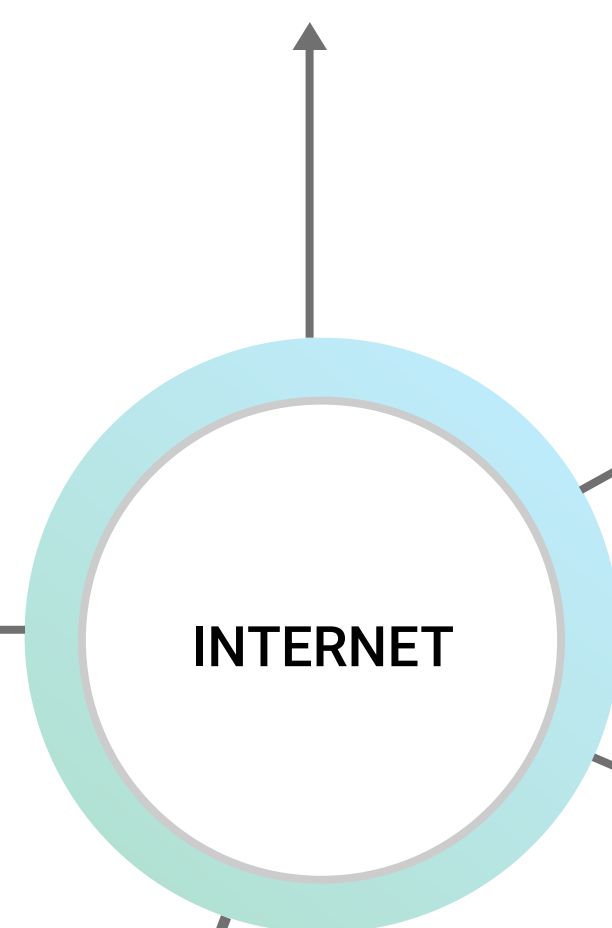
## OPERATIONAL MANAGEMENT

- Permanent Contractor or Employee Staff Enrolment
- Issuing of Temporary Access Permits / Invitations
- Audit & Analytic Reports & Logs
- Badge Printing (With Name + Organisation + QR Code + Photo + Induction)
- Adjustment of Access Control Schedules & Access Control Permissions
- Setup of Health & Safety Agreements / Questionnaires
- System Configuration
- Visitor or Employee Enrolment via Registration Link
- Export of Time Attendance Reports



## EVT-S9-EX WITH EVTRACK GUARD

- Registration of Adhoc Visitors or Contractors.
- Site Access/Control Tool For Permanent Workers.
- Scanning of QR Code Badges or Phone QR Code.
- Generation of QR Codes for Visitors
- Printing of Visitor QR Badges (Optional)



## PRE-REGISTERED VISITORS

- Visitor Invites Received by Email or SMS
- One time Pin or QR Code for Temporary Access Control



## EVTRACK SERVER

- Secure Cloud Data Storage
- Encrypted Communication with Handheld Device
- Encrypted Communication with EvTrack Web Interface
- On-Premise Server Version Also Available