



C•CURE Go Reader

High Security Mobile Solution



Card Validation for Off-site Events, Remote Guarding

Easily validate C•CURE 9000 credentials using a portable Android device



Slim, Elegant Hardware

Lightweight Android terminal reads multiple card technologies, QR codes, HID Mobile Credentials



Roll Call During Emergencies

Perform Roll Call at evacuation points to quickly determine who is still in an area



Flexible Online/ Offline Operation

Operate online using WiFi, LAN, 3G/4G, or offline using the unit's cached database



Capture GIS Location

Each transaction's location is captured and can be mapped on C•CURE 9000

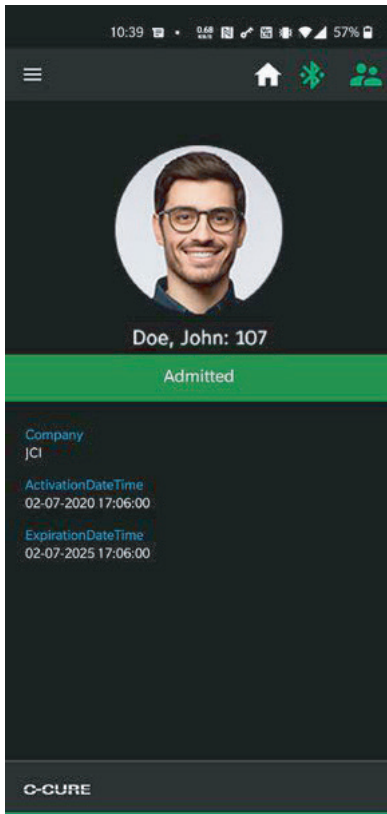


Track IN and OUT Status

Quickly set up Checkpoints to track In and Out Status of remote personnel

The Ultimate in Portable and Remote Card Validation and Security

The innovative C-CURE Go Reader extends the reach of your C-CURE 9000 system more powerfully than ever before. C-CURE Go Reader lets you validate cards and grant or deny access in even the most remote, disconnected areas.



The C-CURE Go Reader application is offered in two hardware configurations. It can operate on an off-the-shelf Android handheld device, using the device's built-in read head, or with a separate read head for Prox and iCLASS credentials. Or it can be used on the specially developed Copernic Access ER handheld device with a built-in HID read head. In either case, the C-CURE Go Reader provides the utmost in remote card validation functionality to complement your C-CURE system.

When connectivity back to your C-CURE 9000 server is unavailable, C-CURE Go Reader can operate in offline mode, caching personnel records and clearance data, buffering offline transactions and synchronizing instantly with C-CURE 9000 when back online.

C-CURE Go Reader provides peace of mind for a variety of applications

- Construction sites can be dangerous areas and, long before the walls of the buildings are built, security is compulsory.
- Offsite events pose unique security challenges for companies who need to safeguard employees and visitors with limited physical boundaries.
- Roaming security checkpoints allow guards to spontaneously check access badges in hallways or near secured areas.
- Roll calls are extremely important, to make sure employees have evacuated during emergency situations. C-CURE Go Reader makes it easy to verify that employees have reached the designated areas during the emergency.
- Use Go Reader to take attendance at training classes and off-site events
- Transportation – use Go Reader to confirm or deny rides to passengers on vans or shuttles

In all of these scenarios, cardholders simply present their credential to the C-CURE Go Reader device. Once presented, C-CURE Go Reader shows the associated portrait image, cardholder status and admit/reject status. All activity is logged in the C-CURE 9000 journal and audit logs.

Swipe-and-Show Mode

Basic validation of cardholders showing name, portrait image, cardholder status, admit/reject result, and up to three configurable data fields from the cardholder record. Use this device to check visitors in at a remote gate or for random security checks by remote guards.

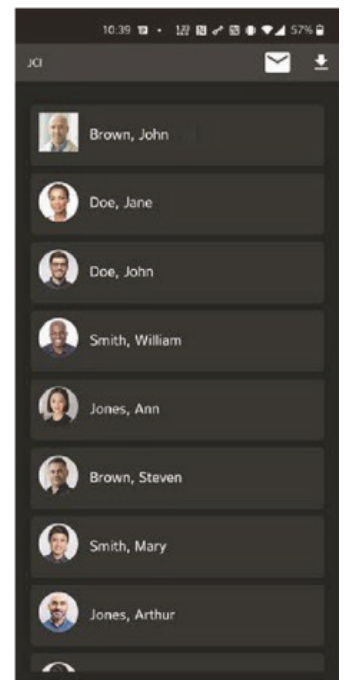
Roll Call Mode (Online and Offline)

During an emergency, Roll Call mode will keep track of personnel badging at the Go Reader device, and create a list of who is known to be still in the interior areas of a building. Manual lookup allows personnel who don't have their card to participate in the roll call. When in offline mode, Go Reader uses the last known locations of personnel right before the unit is taken off the network, and when back on the network, will consolidate location data to the C-CURE server. Also, operators can "manually muster" personnel who don't have their badge.

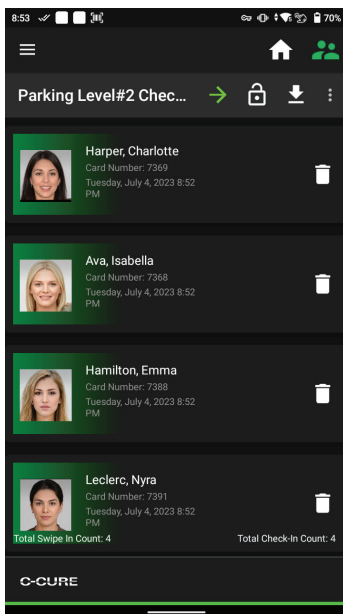
iSTAR Online Reader Mode

Use this mode to have Go Reader "inherit" the clearance and personnel info for an existing, traditional iSTAR door. This is useful when an iSTAR door is out of service, or if you need to configure Go Reader ahead of time for different use cases (construction site reader on Monday, classroom attendance reader on Tuesday, etc). Go Reader can even be used to enforce live Anti-Passback control when online to the C-CURE server, and, can be used to actually send an unlock command to an iSTAR door output.

NOTE: This feature does not include support for other iSTAR area features such as occupancy rules, double swipe, conditional access and area passthrough.



Go Reader Roll Call Display



Go Reader Checkpoint Display

Checkpoint Mode

Checkpoint Mode is used to control a specific group of personnel during a field trip or other event. Set the Go Reader to IN and badge personnel; when the event is done, place the Go Reader to OUT and re-badge the personnel. If anyone is missing, they will immediately be displayed.

Guard Tour Functionality

Use C-CURE Go Reader devices for Guard Tours by scanning pre-defined RFID tags or QR codes located at the various Guard Tour stops. This makes it simple and quick to train security guards and easy to complete the required tasks.

The manager can set up a patrol plan for the security guards through the C-CURE 9000 software, including patrol routes and time (the time required for a round for patrolling). Alarm events can be generated on any deviation of the plan, and supervisors can get notifications once the rounds are finished within the defined time.

Go Reader All-in-One Android Device

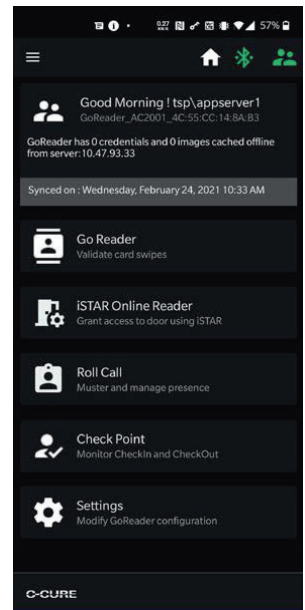
C-CURE Go Reader is available on a lightweight and rugged hand-held card reading device from Coppernic, called the Access ER. It features a built-in HID CK5127 multi-technology read head and a barcode/QR code reader. The HID read head supports HID Prox, Indala Prox, iCLASS, Seos, HID Elite keys, HID Mobile, and it is also configurable to read encrypted MIFARE and EV1/2 cards.

The Access ER has a large 5.0-inch WVGA (1280 x 720) capacitive color touch screen that provides quick and easy navigation. The screen displays feedback information about the status of each card, with further details including name and date of birth. Cardholder photographs are also displayed on-screen for dual authentication, minimizing the threat of card sharing. Up to 250,000 encrypted cardholder IDs can be held in the reader's database for differentiation between authorized or unauthorized personnel. GIS location and transactional data are sent to C-CURE 9000 via built-in Wi-Fi connectivity, via 3G/4G worldwide wireless, or via a network docking station.

Go Reader "BYOD" Options

C-CURE Go Reader is also available for use on an off-the-shelf Android device, using the device's internal read head for MIFARE/DESFire cards, and an external read head used for Prox and iCLASS cards. Google Pixel and Samsung Galaxy devices are recommended as they have been extensively tested with the Go Reader app.

- Wave Nano USB-C Read Head – this small read head simply plugs into the USB-C port of your Android device. It is ideal for handheld applications such as roving guards or checkpoints. The Wave nano is available in two models, one for LF Prox card reads, and one for HID iCLASS/Seos card reads. Note that HID Elite keys are not currently supported on the Wave Nano.
- RS3 BLE Read Head – this read head pairs with the Android device using BLE. It is perfect for transportation applications where the read head is placed towards the passenger entrance of the vehicle, and the Android terminal is located near the driver. The RS3 is available in two multi-technology models; one for HID Prox/iCLASS/Seos, and one for HID Prox/MIFARE/EV2 CSN.



Go Reader Menu Screen

Supported Go Reader Card Technologies and Formats

Description	Access ER	Android Device	Android Device w/ Wave Nano	Android Device w/RS3 BLE
HID iCLASS, iCLASS SE, Seos	x		x	x
HID iCLASS, iCLASS SE, Seos Elite Key	x (custom config)			
HID Mobile Credentials	x (custom config)			
MIFARE Classic & DESFire EV1/2/3 (ISO-14443A) CSN	x	x		x
MIFARE DESFire EV1/2, MIFARE Classic, Encrypted Payload	x (custom config)	x		
HID Prox Cards (Common Formats)	x		x	x
Indala Prox Cards (26-bit only)	x		x	x
Barcode (Wasp, QR, GS1)	x	x		

Technical Specifications

C-CURE Go Reader Application	
Network Connectivity	Wi-Fi, 3G/4G, LAN from device to C-CURE 9000 server, using Web Services through IIS, encrypted using TLS 1.2
Network Ports Used	Port 443 (encrypted) or Port 80 (nonencrypted)
Devices per System	Up to 100 per C-CURE 9000 server (Series L, M, N limited to 10 devices)
Enterprise Support	Yes (global clearances not supported)
Application availability	CopperApps for Access ER Device (no Google Play support) Google Play for "BYOD" Options
Offline Database Capacity	250,000 credentials
Offline Transaction Buffer	10,000 transactions
GIS Location Tracking	C-CURE Go Reader records GIS coordinates of each card swipe, for presentation on the C-CURE 9000 monitoring station
Access ER/HID Mobile Device	
Dimensions (L x W x H)	210 x 79 x 17 mm (8.3 x 3.1 x 0.7 in); 312 g (11.0 oz) including battery
Screen	5.0" WVGA high resolution (1280x720), capacitive color touchscreen, Corning Gorilla Glass 3
Camera	Front: 5MP, Rear: 13MP Autofocus
Extension, Sensors & Communication	1 micro-SD slot; 2 Nano SIM; 1 USB-C connector; Speaker, Microphone, Gyroscope, Light Sensor, Accelerometer
Battery	4000 mAh Li-ion (Up to 10 hours working-time) exchangeable battery; Battery charging time: 3hours
Processor	Octa Core @2.2GHz Qualcomm SDM660
Memory	4 GB RAM, 64 GB Flash, up to 64 GB via the Micro SD Slot
Operating System	Android 10
IP Sealing	IP67
Temperatures	Operating Temperature: -20°C to 50°C (-4°F to 122°F) Storage Temperature: -20°C to 50°C (-4°F to 122°F)
Drop Specification	Multiple drops on 1.2m (Compliant MIL-STD-810G)
Bluetooth	BT 5.1 EDR
WLAN	WIFI (2.4 GHz - 5 GHz); 802.11 a/b/g/n/ac
LAN	Ethernet LAN connection (10/100 half duplex) through docking station
WWAN	GSM, GPRS; EDGE supported frequency bands: 850 - 900 - 1800 - 1900 MHz; 3G supported frequency bands: UMTS B1 (2100) - B2 (1900) - B4 (1700) - B5 (850) - B8 (900); 4G supported frequency bands: LTE B1(2100) - B2(1900) - B3 (1800) - B4(1700) - B5(850) - B7 (2600) - B8 (900) - B17(700) - B20 (800) - B26(850) - B28 (700) - B38(2600) - B39(1900) - B41(2500) - B19(800); Integrated GPS, A-GPS, GLONASS, BeiDou, GALILEO
Read Head Card Types	HID Proximity, Indala 26-bit Proximity, MIFARE CSN, DESFire EV1/EV2 CSN, iCLASS/iCLASS SE/Seos PACS data, MIFARE, EV1/EV2 sector data, HID Mobile. Sector data configuration and HID Elite key support available; contact pre-sales support team for details.
Read Head Card Formats	Up to 5 card formats supported per Access ER Read head card format is configurable to send card number only, or card number plus facility code.
Bar Code Formats	Wasp 3 of 9, Wasp Code128A, Wasp Code128B, Wasp Code 128C, Wasp Code93, Wasp I2of5, Wasp Codabar, PDF417, QR Code, GS1 DataMatrix
Regulatory	CE certification, FCC Part 15 Class B

Wave Nano Read Head	
Dimensions	21x 10.5 x 13 mm (0.83 x 0.41 x 0.51 in); 4 g (0.14 oz)
Read Head Card Types	HID proximity or iCLASS/Seos PACS data
Read Head Card Formats	Three card formats supported per read head
Read Head Connectivity	Direct USB-C connection
Read Head Operating Temperature	-30° to 65°C (-22° to 150° F) for Prox; 0° to 65°C (32° to 150° F) for iCLASS/Seos
Regulatory	FCC-United States; CE Mark-Europe; RCM-Australia; IC-Industry Canada; UL Environmental: RoHS, REACH
BLE Read Head	
Read Head Card Types	HID proximity, Indala proximity, MIFARE CSN, DESFire CSN, iCLASS PACS data (optional)
Read Head Card Formats	Two card formats supported per read head; Read head card format is configurable to send card number only, or card number plus facility code.
Read Head Battery Life	10 hours typical with a card read every two seconds
Read Head Connectivity	Bluetooth from Android device to read head
Read Head Operating Temperature	0° to 50°C (32° to 122° F)
Regulatory	Safety: EN 60950 EMI/EMC: FCC Part 15 Subpart C, EN 301 489-1, EN 301 489-17, EN 62479, EN 300 328 International: CE

Ordering Information

Go Reader Licensing

Model Number	Description
CC9-GORDR	C·CURE Go Reader software license, per unit
CC9-GORDR-5PK	C·CURE Go Reader software license, 5 pack
PROSERV-GORDR	Go Reader initial setup and config labor, for first unit. Required for Elite Keys and Custom MIFARE/EV1/EV2
PROSERV-GORDR-A	Go Reader initial setup and config labor, for additional units for the same project.

Go Reader Access ER Android Device

Model Number	Description
COP-ACCER-HID	Coppernic Access ER/HID, Android 10 Mobile Device, multi-technology read head
COP-DS-ACC-1010	Coppernic Access ER Docking Station/Charger, with Ethernet LAN, with global power adaptor
COP-ACCER-LCASE	Access ER Leather Case
COP-ACCER-SH	Access ER Synthetic Holster
COP-ACCER-BAT	Access ER Extra Battery (spare battery can be charged in docking station while unit is being charged)

Go Reader Wave Nano Read Heads

Model Number	Description
RFID-60U2AKU	Go Reader Wave Nano USB-C Read Head, HID Prox
RFID-70U2AKU	Go Reader Wave Nano USB-C Read Head, HID iCLASS/Seos (note – Elite key not supported)

Go Reader RS3 BLE Read Heads

Model Number	Description
CC9-GORDR-RS3	Go Reader RS3 BLE Read Head, HID/Indala Prox, Smart Card CSN
CC9-GORDR-RS3H	Go Reader RS3 BLE Read Head, HID/Indala Prox, iCLASS/Seos (note – Elite key not supported)
CC9-GORDR-RS3CB	Go Reader RS3 BLE Read Head Cable Kit (highly recommended)



Coppernic Access ER
Leather Case



Coppernic Access ER
Synthetic Holster



Nano USB-C Read Head



RS3 BLE Read Head



Coppernic Access ER /
HID in Docking Station

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