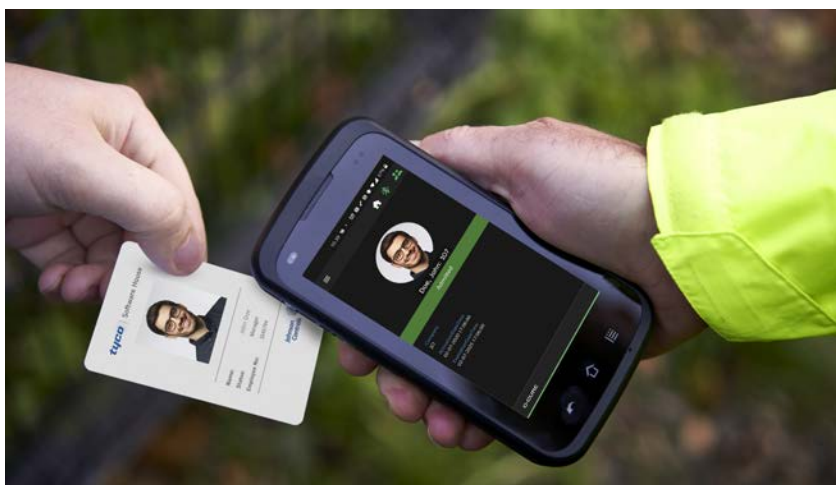


tyco | Software House

C•CURE Go Reader

High Security Mobile Solution



Key features

- Powerful, portable C•CURE 9000 security application on robust mobile terminal
- Roll call allows system administrator to produce list of all users currently within a specified area.
- Manually muster a person by searching by name from the roll call screen for missing card.
- Easily create check points, track IN and OUT status for personnel
- Capture the GIS Location of each card swipe and show locations on C•CURE 9000 workstation for quick tracking
- Can operate in offline mode with cached database

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 paired via BLE with a separate read head. Or, it can be used on the specially developed C-One² handheld device with built-in HID read head. In either case, C•CURE Go Reader pairs with the built-in, multi-technology or multiCLASS HID read head to mimic a full-fledged iSTAR door, complete with schedules, clearances and holidays.

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.

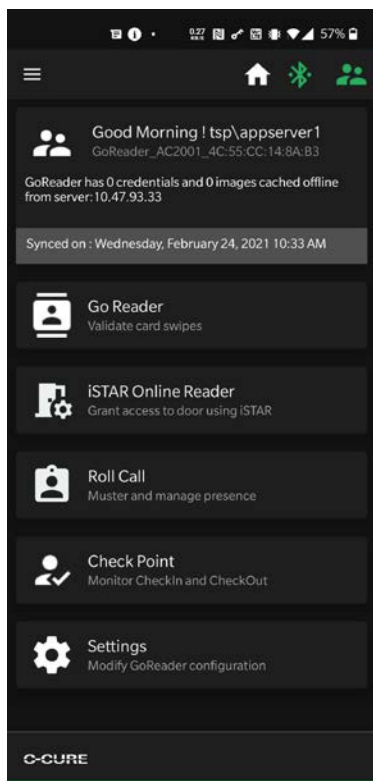
C•CURE Go Reader provides peace of mind for a variety of applications

- 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.

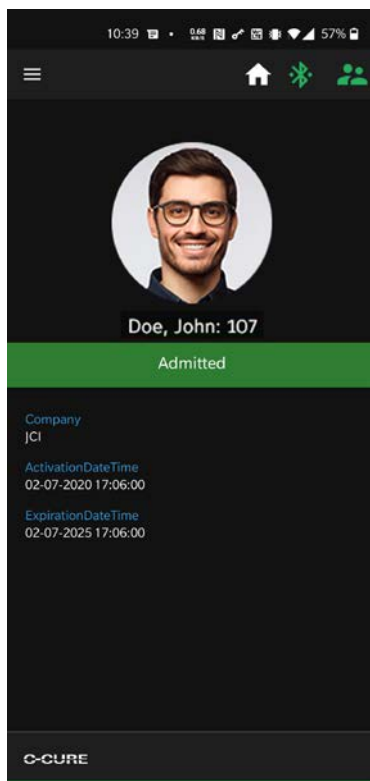
- Roll calls are extremely important, to make sure employees have evacuated during emergency situations. C•CURE Go Reader makes it easy to verify that employees have reached the designated areas during the emergency.

In all of these scenarios, cardholders simply present their iCLASS, MIFARE DESFire EV1/2 or proximity card to the C•CURE Go Reader device. Once presented, C•CURE Go Reader shows the associated portrait image, cardholder status, clearance information and admit/reject status. All activity is logged in the C•CURE 9000 journal and audit logs.

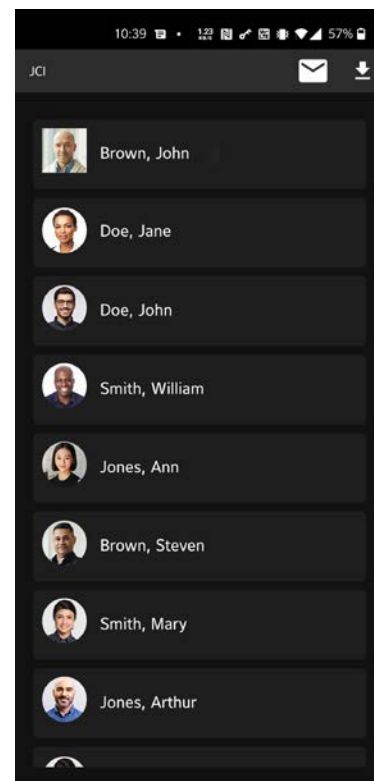
Enforce Security Using Your Mobile Device



Access C•CURE Go Reader, take roll call or change settings from an intuitive setup screen



Validate cards against clearances to admit or reject entry of cardholder



Use C•CURE Go Reader for roll call to ensure the safety of employees during emergency situations

C•CURE Go Reader Mobile Device

C•CURE Go Reader mobile device or C-One² is a lightweight and rugged hand-held card reading device for use with the C•CURE 9000 access control and security management system. The C-One² can be used in a wide range of scenarios where mobility is paramount. For example, it can be used by a security guard either in a patrolling mode within predefined zones, or at fixed temporary locations where there is no power, to verify that a cardholder is authorized to be at that location and to record their presence. Other scenarios include construction sites, bus and train stations, airside/ landside boundaries and random checks within large commercial sites.

The C-One² has a large 4.5 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, which supports WPA2-AES encryption or via a network docking station.

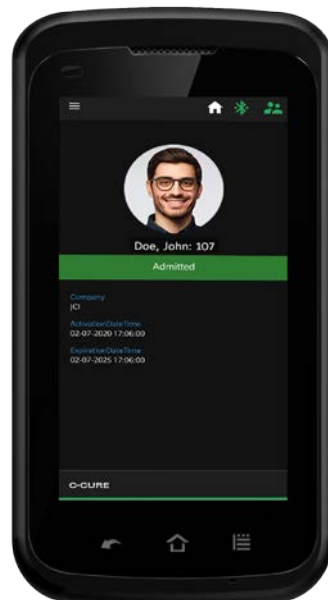


C•CURE 9000 monitoring screen showing GIS location of C•CURE Go Reader card swipe activity

C-One² HF iCLASS | LF Prox

The C-One² is the ideal mobile solution for controlling an individual's access rights at anytime and anywhere.

The device is equipped with an HID SE3200BS0 module reading iCLASS SE, Seos, HID Prox 125KHz Proximity, Indala 26-bit Proximity, MIFARE[®] Classic, MIFARE DESFire[®], MIFARE DESFire[®] EV1 and NFC. C-One² is also able to read barcodes and QR codes, such as Data Matrix, Code 39, Code 128 and GS1.



Specifications

C•CURE Go Reader Application	
Network Connectivity	Wi-Fi or GSM from device to host using victor Web Services, encrypted using TLS 1.2
Network Ports Used	Port 443 (encrypted) or Port 80 (non-encrypted)
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)
Offline Database Capacity	250,000 credentials
Offline Transaction Buffer	10,000 transactions
Application Features	
Card Validation	Swipe and Show with portrait, name, accept/reject reason, and up to 3 custom text fields
Roll Call	Used to manage personnel during emergencies; provides list of remaining personnel. Works with iSTAR areas and must be online for proper operation.
Check Point	Used to track IN and OUT entries, and provide list of personnel within the checkpoint area
AntiPassback (local, per device)	Manages anti-passback attempts on a per-device level
iSTAR Online Reader Mode	Allows C•CURE Go Reader unit to "mimic" a specific iSTAR reader, and to enforce online anti-passback using iSTAR Areas. Also allows "gracing" of personnel. NOTE: This feature does not include support for other iSTAR area features such as occupancy rules, double swipe, conditional access and area pass-through.
GIS Location Tracking	C•CURE Go Reader records GIS coordinates of each card swipe, for presentation on the C•CURE 9000 monitoring station
BLE Read Head	
Read Head Card Types	HID proximity, Indala proximity, MIFARE CSN, DESFire CSN, iCLASS sector (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 Andoid 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

C-One ² Mobile Device	
Dimensions (L x W x H)	150 x 80 x 30 mm (5.90 x 3.15 x 1.19 in); 345 g (12.17 oz) including battery
Screen	4.5" WVGA high resolution (720x1280), portrait or landscape, capacitive color touchscreen, Dragontrail™ glass
Camera	13 megapixels autofocus & flash, Sony IMX135 sensor
Extension, Sensors & Communication Port	1 micro SD slot; 1 micro USB connector; 1 LIF connector; 3 programmable keys; accelerometer
Battery	3300 mAh Li-ion (Up to 10 hours working-time) non-removable battery; Battery charging time: 3hours
Processor	Qualcomm Snapdragon MSM 8956, Dual Core @ 1.8 GHz, Quad Core @ 1.4 GHz
Memory	2 GB LPDDR3 RAM, 16 GB Flash, Up to 128 GB via the Micro SD Slot
Operating System	Android 8.1
IP Sealing	IP65
Temperatures	Operating Temperature: -20°C to 60°C (-4°F to 140°F) Storage Temperature: -20°C to 60°C (-4°F to 140°F)
Drop Specification	Multiple drops on 1.5m (Compliant MIL-STD-810G)
Bluetooth	BT 4.0; BT 2.1 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 (check local availability; not available in North America)	GSM, GPRS; EDGE supported frequency bands: 850 - 900 - 1800 - 1900 MHz; 3G supported frequency bands: UMTS B1 (2100) - B2 (1900) - B5 (850) - B8 (900); 4G supported frequency bands: LTE B1(2100) - B3 (1800) - B5 (850) - B7 (2600) - B8 (900) - B20 (800) - B28 (700); Integrated GPS, GLONASS, Beidou, AGPS
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. Sector data configuration and HID Elite key support available; contact pre-sales support team for details.
Read Head Card Formats	One card format supported per C-ONE2 (will be increased in a subsequent rev); 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 l2of5, Wasp Codabar, PDF417, QR Code, GS1 DataMatrix
Regulatory	CE certification, FCC

Ordering information

Model number	Description
License	
CC9-GORDR	C·CURE Go Reader license, per device
Separate Multi-Technology Read Head (used with Android handheld device provided by others)	
CC9-GORDR-RS3	C·CURE Go Reader read head, Multi-Technology, idChamp RS3 HSE
CC9-GORDR-RS3H	C·CURE Go Reader read head, Multi-Technology, idChamp RS3 HSE with HID iCLASS
CC9-GORDR-RS3CB	C·CURE Go Reader read head cable kit, for recharging and configuration
Configuration and Setup (Required for Elite Keys and Custom MIFARE/EV1/EV2)	
PROSERV-GORDR	C·CURE Go Reader initial setup and configuration labor by Professional Services; for first unit
PROSERV-GORDR-A	C·CURE Go Reader initial setup and configuration labor by Professional Services; for each additional unit

Model number	Description
One-piece C-One² Android Device	
COP-C2-1710082	C-One ² PDA, Android 8.1, HID SE3200BS0 Read Head for iCLASS, Seos, MIFARE, Prox, 4.5" DISP, 2GB. Power adapter. (C·CURE Go Reader license purchased separately)
COP-DS1000	C-One ² DS-1100 docking station with Ethernet and USB connectivity. Including UK, EU and U.S. power supplies.
COP-LCASE	C-One ² leather case strap
COP-KIT-PA	C-One ² Spare Part Power Adapter Kit, Global
COP-EX-BATTERY	C-One ² extended battery pack

About Johnson Controls

Johnson Controls is a global diversified technology and multi-industrial leader serving a wide range of customers in more than 150 countries. Our 120,000 employees create intelligent buildings, efficient energy solutions, integrated infrastructure and next generation transportation systems that work seamlessly together to deliver on the promise of smart cities and communities. Our commitment to sustainability dates back to our roots in 1885, with the invention of the first electric room thermostat.

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