

Mobile Access Solutions

Galaxy Controls offers an engineered mobile solution capable of operating in several modes depending on site requirements. With the addition and integration of the Telaeris hardware and software platform with System Galaxy, multiple features become available using a handheld mobile reader. These handheld units report real-time via wireless network when available or store all activity until a TCP/IP connection is established.

System Benefits

- **IMPROVED SAFETY:**
Know instantly who is in your facility, where they are, and how long they've been inside.
- **SAVES TIME:**
Scanning badges with the handheld takes less time than recording information on paper.
- **BETTER RECORDKEEPING:**
Calculates occupancy, missing users, and activity history. Removes errors from paper logs. In emergency situations, your employees are protected.
- **GALAXY COMPATIBILITY:**
Allows you to easily import data from your existing System Galaxy access control system.

Key Mobile Features

- Mobile equipment allows use at or away from guard station
- Identify against picture and name instead of just red/green light
- Allows viewing of data internal to credentials
- Ability to validate user with lost credential
- Supervised access control stations provide greater security

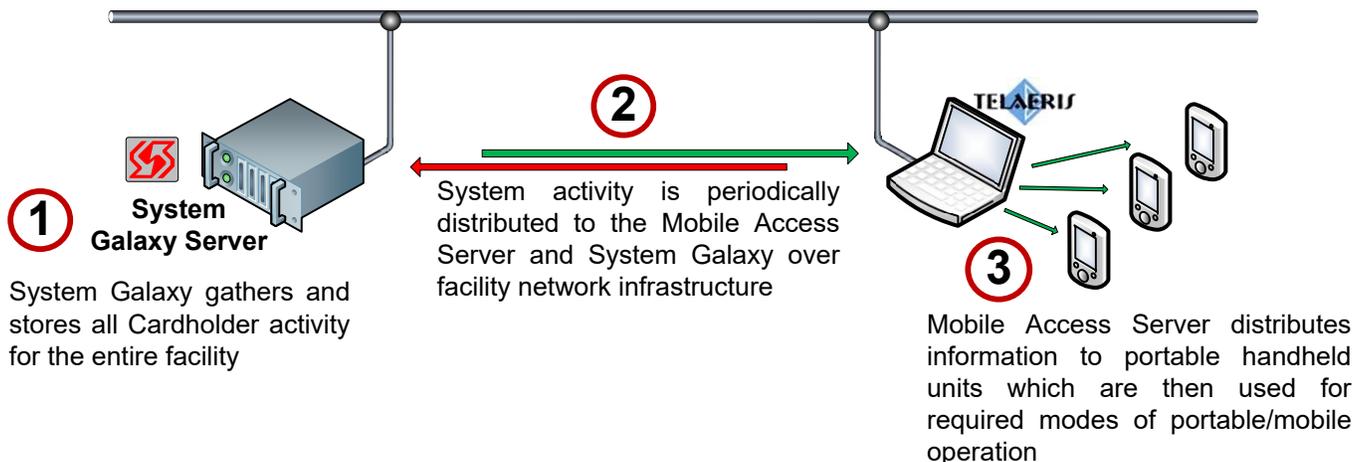
Modes of Operation

- **Mustering**
Accounting for people after evacuations
- **Verification**
Verifying if person belongs at event
- **Entry/Exit**
Tracks areas people are in
- **Rostering**
Checklist/Roll Call
- **Attendance**
Tracking for events
(See back page for description)

Applications

- | | |
|------------------|--------------------------|
| • Petrochemical | • Transportation |
| • Manufacturing | • Hospitality |
| • Industrial | • Health Care |
| • Education | • Mining |
| • Cruise/Tourism | • Hazardous Environments |
| • Government | |

Basic System Configuration



Mustering

Benefits

- Track users during an emergency (Muster Event)
- Ensure no one is left in the danger zone
- Reduce paperwork / human error during data collection and reporting
- Get workers back into facility in a safe and timely manner

1 **EVACUATION**

Upon notification of an emergency, Security/Safety Attendants take the MAS and handhelds to assigned muster zones.



2 **AT MUSTER ZONES**

All badges are scanned using handheld units, updating the server if connected wirelessly or storing all info until connected.



3 **REPORTING**

As badges are scanned, the cardholders are moved from 'missing' to 'scanned' giving a real-time status of unaccounted-for personnel.



Verification



Used to ensure that a person has the proper authority for access or privileges.

Typically used for:

Facility parking lot shuttle buses

- Employees only/No visitors

High security areas

- Check at the door for current facility clearance

Rostering



Accounting of members in a group. Scanning badges on/off buses assures all are present and accounted for at each stop.

Typically used for:

Off-site school functions:

- Field trips
- Sports team travel

Attendance



Keep track of who attends off-site company functions and trainings.

Typically used for:

Off-site Company Functions:

- Training
- Trade shows
- Conferences

System Requirements

- **SG v10.3 or Higher**
- Contact Galaxy Engineering for PC & Site Specifications

Entry/Exit



Keeps details on what areas people are in. Also allows guard to verify the matching identity of the cardholder to the credential-not just the card.

- 1 Credentials are scanned at the portal of an area with a handheld unit



- 2 Upon verification, the cardholder is given access into the area by security



- 3 Cardholder is shown in the area



- 4 On exit credentials are scanned at the portal of an area with a handheld unit, taking the cardholder out of the area



Typically used for:

- Hazardous areas
- Confinement tracking
- High security areas

Credential Support

All major credential types are supported, including Prox, PIV, iClass, Barcode, Magstripe, etc.

Radio Frequency

- HF (13.56MHz)
- UHF (US: 902-928MHZ, EU: 865.6-867.6MHz, JP: 952-954MHz)
- 125kHz PROX / HID iClass

Tag Support

- HF: ISO 14443A/B, ISO 15693, MIFARE
- UHF: EPC C1G2, ISO18000-6C

