Gallagher
T2x Terminal

User Guide for Command Centre

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1 Introduction

This document describes how to use the T20 Alarms Terminal, T20 Terminal, and T21 PIV Reader. Any reference to a "terminal" in this document refers to the aforementioned products.

1.1 Operations

Operations that can be performed from a terminal are:

Notes:

- The operations that can be performed from a terminal are determined by the privileges assigned to the Cardholder in Command Centre.
- The terminal is available in a variety of variants. The variant you have purchased determines the available operations and supported credential technologies. For variant details, refer to the topic *"Terminal Variants Feature Summary"* in the terminal's installation note.

Access control

- Gain entry to an Access Zone using a mobile device, card, card with PIN, user code, or under duress.
- Arm or disarm the Alarm Zone associated with the Door's Access Zone.
- Change the access mode for the Door's Access Zone.

Notes:

- Access control functionality is available on terminals C300450, C300451, C300460, C300461, C305450, C305451, C305460, C305461, C305500, C305501, C305510, and C305511.
- T21 PIV Reader Access Control Functionality: The access decision is displayed only when the inserted PIV card is removed from the contact slot. Duress is not supported with PIV cards on the T21. PIN is User Code is not supported with PIV cards on the T21. PIV PIN to PACS is not supported with PIV cards on the T21.

Alarms management

- Arm or disarm the Alarm Zones associated with the terminal.
- View and acknowledge alarms, for the Alarm Zones associated with the terminal.
  Note: A Cardholder cannot process alarms from a terminal.
- View a history of acknowledged alarms, for the Alarm Zones associated with the terminal.
- Override Inputs associated with the terminal.
- Change the state of Outputs associated with the terminal.
- Test the Inputs associated with the terminal.
- View the status of Alarm Zones, Inputs, or Outputs via the Mimic Panel's 8 LEDs located on the terminal.

Note:

If an Alarm Zone is assigned to the Mimic Panel, the Mimic LED state is determined by the state of the Alarm Zone and all associated Inputs, Outputs and Alarm Zones.

If any associated item becomes offline or unreachable, the LED behaviour is defined in:

Command Centre Server Property > HBUS Terminal Defaults 2

The LED remains in this state until communication is restored, and all associated Inputs, Outputs and Alarm Zones return to Normal state.

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Fence Zone management

- View the internal temperature and battery voltage, for the Fence Controllers associated with the terminal.
- View the voltage and status, for Fence Zones associated with the terminal.
- Change the status (On-High Voltage/On-Low Feel/Cancel overrides/Shunt/Unshunt/ Lockout/Undo Lockout/Force arm alarm zone/disarm alarm zone), for Fence Zones associated with the terminal.

1.2 Components



1.3 Navigation

To navigate the terminal, use the arrows keys, then press the ☑ key to make a selection. Alternatively, for quick navigation, select the number corresponding to the item you wish to select.

1.4 Idle image

The terminal can be configured to display an idle image, (e.g. company logo) when not in use. The idle image will display instead of the Welcome screen, (i.e. when you are logged off). The idle image will disappear when a card is presented, or any key is pressed.

If the terminal is configured to display the Alarm notification or Isolated/Shunted Inputs notification, it will do so over top of the idle image. If the terminal is configured to display the Mimic Panel, it will do so instead of the idle image.

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1.5 Screen brightness

When the terminal is in use the screen brightness is set to full. If the terminal hasn't been used for 30 seconds, the screen brightness is dimmed. If the terminal hasn't been used for 30 minutes, the screen is turned off.

The terminal screen can be configured to 'Always on'. If this setting is enabled, the terminal's screen will not turn off after 30 minutes, but will dim after 30 seconds of inactivity. This enables the idle image or Mimic Panel to be displayed at all times.

1.6 Information screen

To display the supported card technologies and the software version numbers of the terminal, press and hold the **#** key for 3 seconds. The Information screen is displayed.

1.7 LED indications

When connected as an HBUS device, the following centre squiggle LED indications are used.

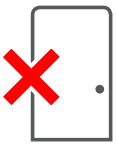
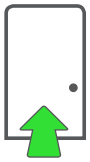
LED (squiggle)	Indication
3 Flash (Amber)	No communications with the Controller. The terminal screen displays the text 'Connecting...'.
2 Flash (Amber)	Communications with the Controller, but terminal is not configured. The terminal screen displays the text 'Not configured'.
1 Flash (Amber)	Configured to a Controller, but terminal is not assigned to a door or elevator car. Configured to a Controller but the Alarms Terminal has no Alarm Zone(s) assigned to the Alarms Zones property page. The terminal screen displays the text 'Not configured'.
On (Green or Red)	Fully configured and functioning normally. If assigned to a door or elevator car: Green = Access mode is Free Red = Access mode is Secure For the Alarms Terminal the LED is green when a user is logged on and red when logged off.
Flashes Green	Access has been granted.
Flashes Red	Access has been denied.
Flashing Blue	Reading and validating a PIV card. Reading a Gallagher mobile credential.

When connected as a Cardax IV device, the following centre squiggle LED indications are used.

LED (squiggle)	Indication
3 Flash (Amber)	No communications with the Controller. The reader screen displays the text 'Connecting...'.
On (Green or Red)	Fully configured and functioning normally. Green = Access mode is Free Red = Access mode is Secure
Flashes Green	Access has been granted.
Flashes Red	Access has been denied.

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1.8 Icons

Arming Failed (Cardax IV device only) 	Arming Succeeded (Cardax IV device only) 	Armed 
Present Card 	Card For Access or Waiting For Authorisation 	Enter PIN/Code 
Access Granted 	Access Denied 	Wrong PIN/Code (Cardax IV device only) 
Free Access 	Not Allowed 	Card or Code 
Insert PIV Card (T21 only) 	Remove PIV Card (T21 only) 	

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2 Logging on

Introduction

To perform an authorised operation using the terminal, you will need to log on.

Note: The logon credentials required are configured in Command Centre. A Cardholder cannot log on using a mobile device.

Procedure

1. Press the **Menu** key.

   If the **Options** key is present, press the **Options** key, then select **View the menu**.

2. Either:

   - Present your card at the terminal.
     If required insert your PIV card (T21 only).
     If required, enter your PIN or a valid 4 to 8 digit user code, then press the ☑ key.

     Or

   - Enter a valid 4 to 8 digit user code, then press the ☑ key.

   Notes:

   - The default PIN timeout is 10 seconds. This is the period of time you have to enter your PIN or user code. This value is configurable in Command Centre.
   - After 3 failed logon attempts, the terminal will be locked out for 90 seconds. The number of failed logon attempts is configurable in Command Centre. For each additional failed logon attempt, the terminal will be locked out for 90 seconds. This number is configurable in Command Centre. When the total number of failed logon attempts has been reached, the "Temporarily locked out" message displays. This functionality is not supported for PIN entry when using a PIV contact card (T21 only).
   - Logon occurs when the PIV card is removed from the contact slot (T21 only).
   - When inserting a PIV card, only your PIV PIN will be accepted (T21 only).

3. If logon is successful the terminal beeps, the Menu screen displays, and the LED (squiggle) turns green to indicate that you are currently logged on.

Duress logon

A duress code can be entered at the terminal by a Cardholder to indicate that they are being threatened or forced to provide access under duress. Entering such a code generates a duress alarm. Duress alarms are raised in Command Centre but are not displayed on the terminal.

To raise a duress logon alarm:

1. Either:

   - Badge your card at the terminal and enter your PIN, with the last digit incremented by one, OR
   - Enter your valid user code with the last digit incremented by one.

   For example:
   PIN / User code 1256 = Duress logon is 125**7**
   PIN / User code 1259 = Duress logon is 125**0**

2. Press the **Enter** key.

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3 Logging off

Introduction

To ensure site security, you will need to log off after use.

Note: You will be logged off automatically after a set time of inactivity. The default inactivity timeout is 20 seconds. This value is configurable in Command Centre.

Procedure

1. Either:
   - Repeatedly press the  key, until the Welcome screen displays.

     Or
   - Press and hold the  key, for a period of time greater than 1 second.
2. Logoff is successful the terminal beeps, and the Welcome screen displays.

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4 Arming or disarming

Introduction

The terminal can be used to arm or disarm an Alarm Zone.

Notes:

- Only Alarm Zones associated with the terminal and for which you have the "Change to the Armed state" privilege can be armed. Only Alarm Zones associated with the terminal and for which you have the "Change to the Disarmed state" privilege can be disarmed.
- The terminal can be configured to acknowledge alarms when disarming, and to display these acknowledged alarms.
- The terminal can be configured to display an entry or exit delay countdown (in seconds). This functionality is not available when the terminal is assigned as the Reader for a Door or Elevator Car.

Procedures

4.1 One button: Arming or disarming
4.2 One button: Arming or disarming the Door's Access Zone Alarm Zone
4.3 Using the Menu: Arming or disarming

4.1 One button: Arming or disarming

If the terminal has not been assigned as the Reader for a Door, you can arm or disarm all Alarm Zones assigned to the terminal (without having to enter the Menu), by pressing the **Arm** or **Disarm** key, then log on to the terminal.

If you have been assigned the "Prompt for alarm zone selection" privilege, the Alarm Zones screen will display. Press the **Arm All** or **Disarm All** key. Alternatively, press the **Select all** key, then select the **Arm** or **Disarm** option.

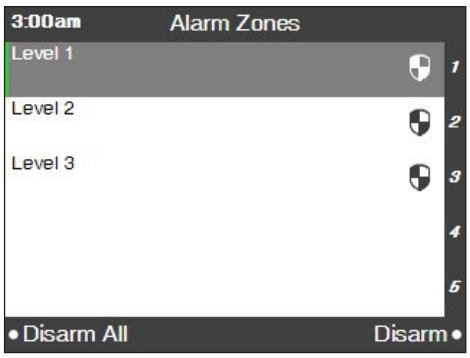
4.2 One button: Arming or disarming the Door's Access Zone Alarm Zone

If the terminal has been assigned as the Reader for a Door, you can arm the Door's Access Zone Alarm Zone by pressing the **Arm** key, then log on to the terminal. An Access Granted event at the Door will disarm the Door's Access Zone Alarm Zone.

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4.3 Using the Menu: Arming or disarming

1. Log on to the terminal.
2. If the Alarm Zone list is not displayed, select **Alarm Zones** from the Menu.
   The Alarm Zones screen displays.



   The icon to the right of each Alarm Zone indicates its last known state.

Icon	State
	Disarmed
	Armed
1	User 1
2	User 2
?	Not known
	Alarm(s)

3. To arm or disarm all Alarm Zones, press the **Arm All** or **Disarm All** key.
   Alternatively, press the **Select all** key, then select the **Arm** or **Disarm** option.
4. To arm or disarm an individual Alarm Zone, select the Alarm Zone, then press the **Arm** or **Disarm** key.

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5 Viewing and acknowledging alarms

Introduction

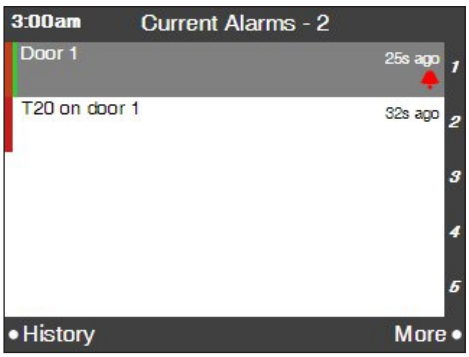
The terminal can be used to view and acknowledge alarms.

Notes:

- Alarms cannot be processed using the terminal.
- The default minimum priority for displayed alarms is "Very Low Priority". All alarms below this priority will not be displayed. The priority level is configurable in Command Centre.
- By default, the Alarm notification displays on the Welcome screen if an unacknowledged alarm (above the minimum priority for displayed alarms) has been raised by an Alarm Zone assigned to the terminal.
- The terminal can be configured to beep when an unacknowledged alarm (above the minimum priority for displayed alarms) has been raised by an Alarm Zone assigned to the terminal.
- Duress alarms are not displayed on the terminal.

Procedure

1. Log on to the terminal.
2. Select **Alarms** from the Menu.
   The Current Alarms screen displays.



This screen displays up to 200 of the highest priority alarms (unacknowledged or active) in the Alarm Zones to which you have the "View alarms and items" privilege. Alarms are sorted by priority and timestamp. This list is dynamically updated as new alarms are generated, acknowledged, or processed.

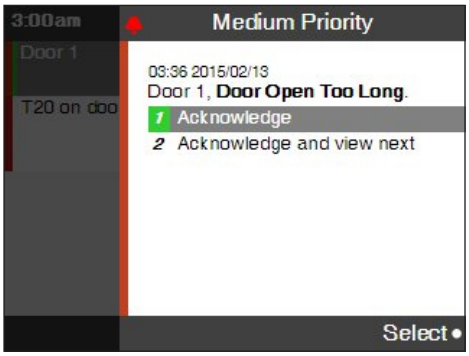
Notes:

- The number of alarms listed is displayed right of the screen title.
- The time since the alarm occurred is displayed.
- Flooded alarms (alarms from the same source) are grouped. The date/time of the last alarm occurrence is displayed.
- If the terminal is unable to display the alarm name, (i.e. the Controller has gone offline while retrieving alarms) the alarm name "Unknown" displays.

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Icon	Description
	Active alarm
	Flooded alarm
	Escalated alarm

1. Select the alarm you wish to view, then press the **More** key.
The alarm details are displayed.



Notes:

- For flooded alarms the date/time of the last alarm occurrence is displayed.
- If viewing the details for the last alarm in the list the text "Last alarm in list" displays. If viewing the details for the last alarm in the list and the list is updated, the text "Alarm list has changed" displays.
- Only unacknowledged alarms in the Alarm Zones to which you have the "Acknowledge all alarms" or "Acknowledge alarms below high priority" privilege can be acknowledged.

2. Select **Acknowledge** or **Acknowledge and view next** to acknowledge the alarm.
The alarm is acknowledged and removed from the list. Acknowledged alarms can be viewed on the Alarm History screen.

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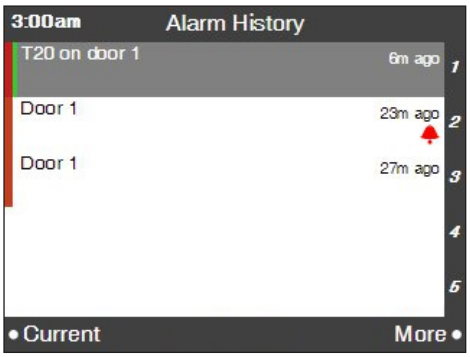
6 Viewing alarm history

Introduction

The terminal can be used to view historical alarm activity on site.

Procedure

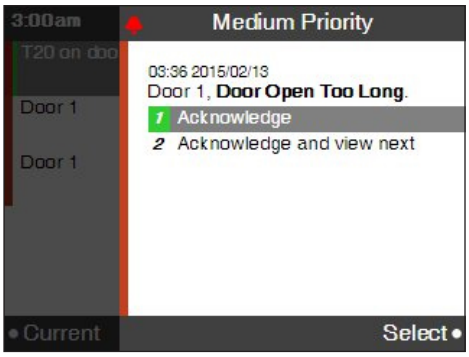
1. Log on to the terminal.
2. Select **Alarms** from the Menu.
   The Current Alarms screen displays.
3. Press the **History** key.
   The Alarm History screen displays.



The Alarm History screen displays the 100 most recent alarms (acknowledged and processed) to which you have the "View alarms and items" privilege. Alarms are sorted by timestamp. This list is dynamically updated as new alarms are generated, acknowledged, or processed.

Icon	Description
	Active alarm
	Flooded alarm
	Escalated alarm

4. Select the alarm you wish to view, then press the **More** key.
   The alarm details are displayed.



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7 Viewing and overriding Inputs

Introduction

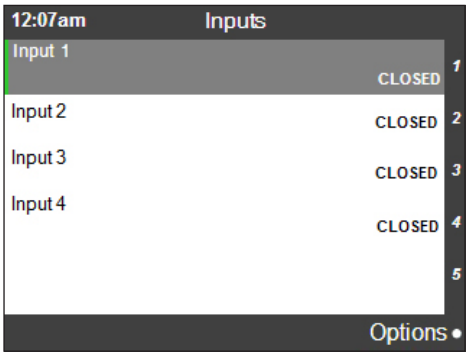
The terminal can be used to view and override Inputs.

Notes:

- If configured to display, the Isolated/Shunted Inputs notification displays on the Welcome screen, when a shunted or isolated input assigned to the terminal is present in the system. This notification informs you that there are inputs in a state that won't raise an alarm.
- Only the Inputs in the Alarm Zones to which you have the "Shunt items" or "Auto-isolate alarm zones" privilege can be overridden.

Procedure

1. Log on to the terminal.
2. Select **Inputs** from the Menu.
   The Inputs screen displays.



The Inputs screen will display all Inputs in the Alarm Zones to which you have the "View alarms and items" privilege which have been assigned to the terminal. Unconfigured Inputs are not displayed.

Inputs are sorted based on their status, for example Inputs that are shunted, tampered, isolated, or off-line will be displayed first alphabetically.

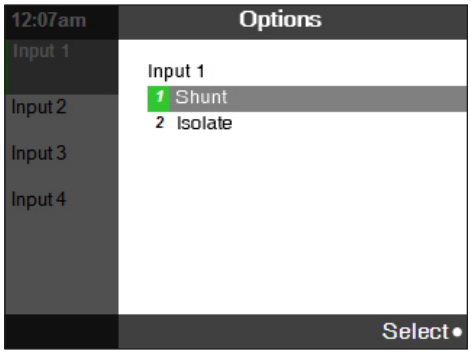
The word(s) to the right of each Input indicates its last known state.

Word(s)	State
Open	The Input is open.
Closed	The Input is closed.
Shunted	The Input will not report status or events.
Tamper break	Open-circuit tampered, (e.g. the wires have been cut).
Tamper short	Short-circuit tampered, (e.g. a wire has been placed across the Input).
Isolated * open	The Input is open. The Input will not report events until the next time the Alarm Zone is disarmed (or the Input is manually de-isolated).
Isolated * closed	The Input is closed. The Input will not report events until the next time the Alarm Zone is disarmed (or the Input is manually de-isolated).
Isolated * tamper break	Open-circuit tampered. The Input will not report events until the next time the Alarm Zone is disarmed (or the Input is manually de-isolated).

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Word(s)	State
Isolated * tamper short	Short-circuit tampered. The Input will not report events until the next time the Alarm Zone is disarmed (or the Input is manually de-isolated).
Isolated * offline	The isolated Input is attached to an offline I/O board.
Offline	The Input state is unknown.

3. Select the Input you wish to override, then press the **Options** key.
The Input Options screen displays.



4. Select the override you wish to perform, then press the **Select** key.

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8 Viewing and triggering Outputs

Introduction

The terminal can be used to view and change the state of Outputs, (e.g. turn on or off building lights and air conditioning). Non-authorised users can view and trigger Outputs from the Options Menu. Authorised users can view and trigger Outputs from the Actions Menu.

Notes:

- A maximum of 50 Outputs can be assigned to a terminal.
- A maximum of 5 Outputs can be displayed on the Options Menu of a terminal.
- Output states are dynamically updated, (i.e. the Output's last known state is displayed).
- An Output can be configured to perform various actions in Command Centre when triggered, (i.e. an Action Plan assigned to the Output contains a Macro that when triggered perform various actions in Command Centre).

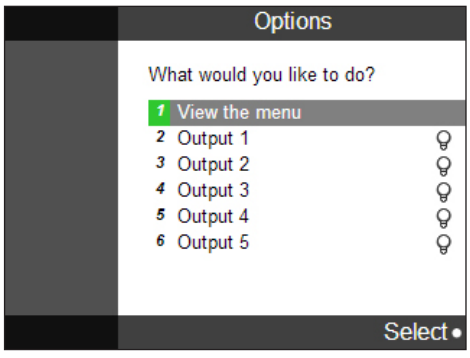
Procedures

8.1 Using the Options Menu
8.2 using the Actions Menu

8.1 Using the Options Menu

A non-authorised user can view the Options Menu. The Options Menu lists the Outputs assigned to the terminal that can be triggered by non-authorised users, (i.e. terminal log on is not required). The Alarm Zone of the Output must also be assigned to the terminal.

1. Select **Options** from the Welcome screen.
   The Options Menu displays.



   The icon to the right of each Output indicates its last known state.

Icon	State
	The Output is on
	The Output is off

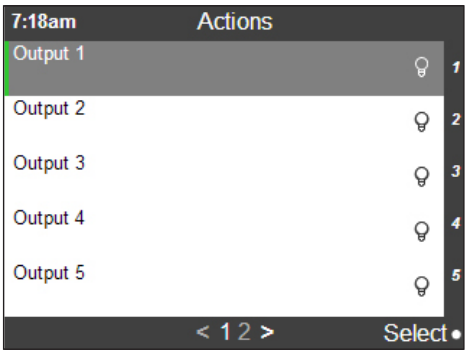
2. Select the Output you wish to trigger, then press the **Select** key.

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8.2 Using the Actions Menu

An authorised user can view the Actions Menu. The Actions Menu lists the Outputs assigned to the terminal in the Alarms Zones to which you have the "View alarms and items" privilege. The Alarm Zone of the Output must also be assigned to the terminal.

1. Log on to the terminal.
2. Select **Actions** from the Menu. "Actions" is the default name given to this menu item. This name is configurable in Command Centre.
   The Actions screen displays.



   The icon to the right of each Output indicates its last known state.

Icon	State
	The Output is on
	The Output is off

3. Select the Output you wish to trigger, then press the **Select** key.

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9 Monitoring Fence Controller battery voltage and temperature

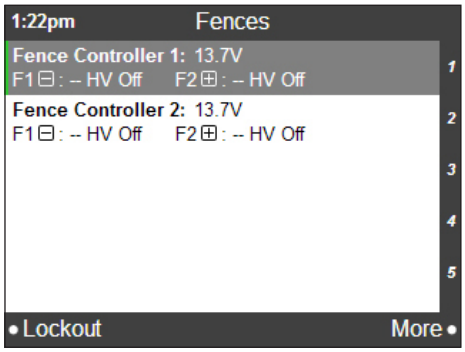
Introduction

The terminal can be used to view the battery voltage and internal temperature of an F31, F32, F41, F42, or F22 Fence Controller.

You will need to ensure you belong to an Access Group that lists the Alarm Zones assigned to the Fence Zones, and ensure this Access Group has been configured with the "View alarms and items" privilege in order to perform this procedure.

Procedure

1. Log on to the terminal.
2. If the Fence Controller list is not displayed, select **Fences** from the Menu.
   The Fences screen displays.



   Only the Fence Controllers assigned to this terminal and whose Fence Zone Alarm Zone you have the "View alarms and items" privilege for are displayed on screen.

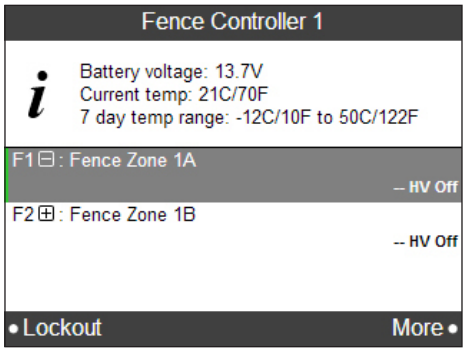
   For each Fence Controller, this screen displays:

   - The Fence Controller's name.
   - The Fence Controller's battery voltage.
   - The status of the Fence Zone(s) assigned to the Fence Controller.

   Notes:

   - The order that the Fence Controllers are displayed is configurable in Command Centre.
   - When in HVplus mode, the HV text flashes.
   - The Fence Controller status, Fence Zone(s) status, and voltages dynamically update.
3. Select the Fence Controller whose status you wish to view, then press the **More** key.
   The Fence Controller's status displays.

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This screen displays:

- The Fence Controller's name.
- The Fence Controller's battery voltage.
- The Fence Controller's temperature.
- The Fence Controller's lowest temperature recorded within the last 7 days.
- The Fence Controller's highest temperature recorded within the last 7 days.
- The Fence Zone(s) assigned to this Fence Controller including voltage, voltage mode, and status. When in HVplus mode, the HV text flashes.
- If the Fence Controller has been placed into Service Mode, the wording "Service Mode" displays above the battery voltage.

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10 Monitoring Fence Zone voltage and status

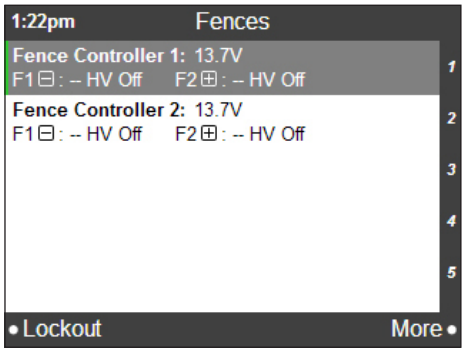
Introduction

The terminal can be used to view the voltage and status of a Fence Zone assigned to an F31, F32, F41, F42, or F22 Fence Controller.

You will need to ensure you belong to an Access Group that lists the Alarm Zones assigned to the Fence Zones, and ensure this Access Group has been configured with the "View alarms and items" privilege in order to perform this procedure.

Procedure

1. Log on to the terminal.
2. If the Fence Controller list is not displayed, select **Fences** from the Menu.
   The Fences screen displays.



   Only the Fence Controllers assigned to this terminal and whose Fence Zone Alarm Zone you have the "View alarms and items" privilege for are displayed on screen.

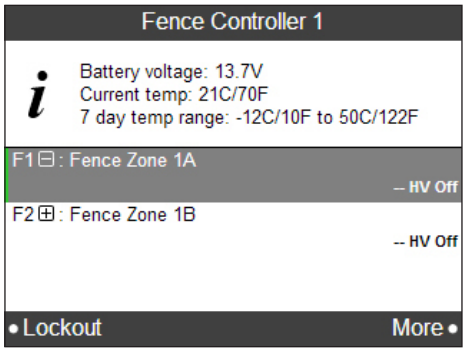
   For each Fence Controller, this screen displays:

   - The Fence Controller's name.
   - The Fence Controller's battery voltage.
   - The status of the Fence Zone(s) assigned to the Fence Controller.

   Notes:

   - The order that the Fence Controllers are displayed is configurable in Command Centre.
   - When in HVplus mode, the HV text flashes.
   - The Fence Controller status, Fence Zone(s) status, and voltages dynamically update.
3. Select the Fence Controller hosting the Fence Zone, then press the **More** key.
   The Fence Controller's status displays.

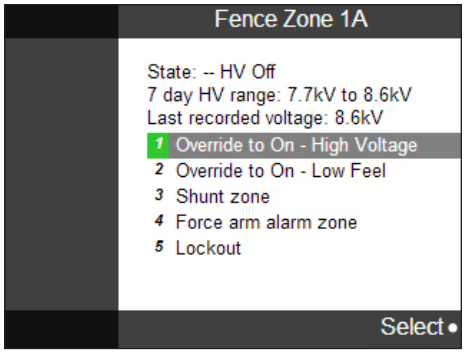
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This screen displays:

- The Fence Controller's name.
- The Fence Controller's battery voltage.
- The Fence Controller's temperature.
- The Fence Controller's lowest temperature recorded within the last 7 days.
- The Fence Controller's highest temperature recorded within the last 7 days.
- The Fence Zone(s) assigned to this Fence Controller including voltage, voltage mode, and status.
- If the Fence Controller has been placed into Service Mode, the wording "Service Mode" displays above the battery voltage.

4. Select the Fence Zone you wish to view, then press the **More** key.
The Fence Zone's status displays.



This screen displays:

- The Fence Zone name.
- The Fence Zone's current voltage, voltage mode and status.
- The Fence Zone's lowest recorded voltage within the last 7 days, for the voltage mode stated.
- The Fence Zone's highest recorded voltage within the last 7 days, for the voltage mode stated.
- The Fence Zone's last recorded voltage.
- The actions that can be performed for this Fence Zone. The actions available depend on your privileges.

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11 Changing a Fence Zone state

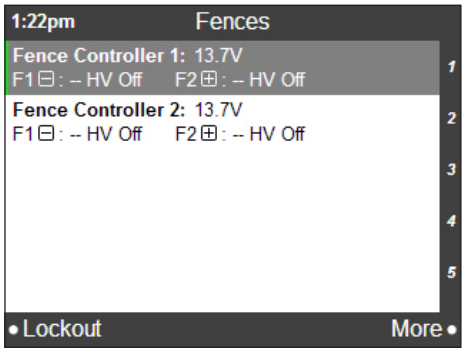
Introduction

The terminal can be used to change the state of a Fence Zone assigned to an F31, F32, F41, F42, or F22 Fence Controller.

You will need to ensure you belong to an Access Group that lists the Alarm Zones assigned to the Fence Zones, and ensure this Access Group has been configured with the "View alarms and items" privilege in order to perform this procedure.

Procedure

1. Log on to the terminal.
2. If the Fence Controller list is not displayed, select **Fences** from the Menu.
   The Fences screen displays.



   Only the Fence Controllers assigned to this terminal and whose Fence Zone Alarm Zone you have the "View alarms and items" privilege for are displayed on screen.

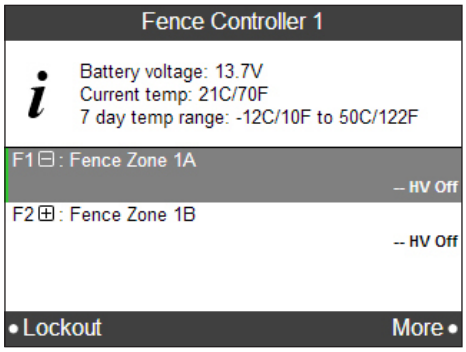
   For each Fence Controller, this screen displays:

   - The Fence Controller's name.
   - The Fence Controller's battery voltage.
   - The status of the Fence Zone(s) assigned to the Fence Controller.

   Notes:

   - The order that the Fence Controllers are displayed is configurable in Command Centre.
   - When in HVplus mode, the HV text flashes.
   - The Fence Controller status, Fence Zone(s) status, and voltages dynamically update.
3. Select the Fence Controller hosting the Fence Zone, then press the **More** key.
   The Fence Controller's status displays.

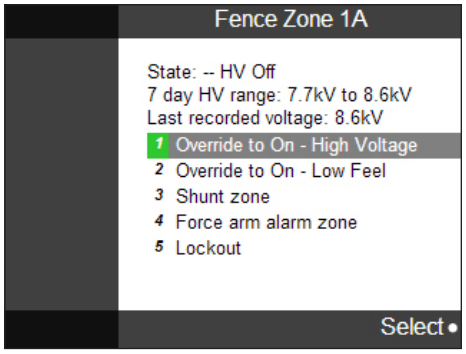
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This screen displays:

- The Fence Controller's name.
- The Fence Controller's battery voltage.
- The Fence Controller's temperature.
- The Fence Controller's lowest temperature recorded within the last 7 days.
- The Fence Controller's highest temperature recorded within the last 7 days.
- The Fence Zone(s) assigned to this Fence Controller including voltage, voltage mode, and status.
- If the Fence Controller has been placed into Service Mode, the wording "Service Mode" displays above the battery voltage.

4. Select the Fence Zone you wish to view, then press the **More** key.
The Fence Zone's status displays.



This screen displays:

- The Fence Zone name.
- The Fence Zone's current voltage, voltage mode and status.
- The Fence Zone's lowest recorded voltage within the last 7 days, for the voltage mode stated.
- The Fence Zone's highest recorded voltage within the last 7 days, for the voltage mode stated.
- The Fence Zone's last recorded voltage.
- The actions that can be performed for this Fence Zone. The actions available depend on your privileges.

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Action	Use to...
Override to On - High Voltage	override the fence to On in High Voltage mode.
Override to On - Low Feel	override the fence to On in Low Feel mode.
Cancel overrides	cancel an override.
Shunt zone	shunt the fence. Communication with the fence is stopped.
Unshunt zone	unshunt the fence. Communication with the fence is restored.
Lockout	lockout the fence.
Undo Lockout	unlock the fence.
Force arm alarm zone	force arm the alarm zone assigned to this fence.
Disarm alarm zone	disarm the alarm zone assigned to this fence.

5. Select the action you wish to perform, then press the **Select** key.

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12 Locking out a Fence Zone

Introduction

The terminal can be used to lockout a Fence Zone. The purpose of a Fence Zone lockout is to allow someone to safely work on the fence in the knowledge it will not be energised.

To lockout a Fence Zone, the terminal user must belong to an Access Group that lists the Alarm Zone assigned to the Fence Zone, and this Access Group must be configured with the "Lock out fence zones" privilege.

Only the user that initiated the lockout can cancel the lockout (unless the "Cancel others lockout" privilege has been assigned to another user). The lockout can only be cancelled using the terminal that initiated the lockout.

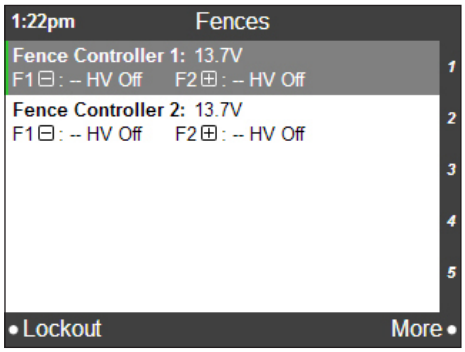
Note: Lockout is persisted during a Fence Controller or Controller restart (it is not persisted during a DIP Switch 2 Controller restart).

When a Fence Zone is in lockout:

- No deterrent will be delivered.
- Overrides and state changes will be ignored.
- Scheduled changes will not take place.
- Requests to arm will be ignored.
- Alarms will still be raised.
- If an F31, F32, F41 or F42 Fence Controller is subsequently placed in Service mode, requests to arm using the magnetic key will be ignored and discarded.

Procedure

1. Log on to the terminal.
2. If the Fence Controller list is not displayed, select **Fences** from the Menu.
   The Fences screen displays.



   Only the Fence Controllers assigned to this terminal and whose Fence Zone Alarm Zone you have the "View alarms and items" privilege for are displayed on screen.

   For each Fence Controller, this screen displays:

   - The Fence Controller's name.
   - The Fence Controller's battery voltage.
   - The status of the Fence Zone(s) assigned to the Fence Controller.

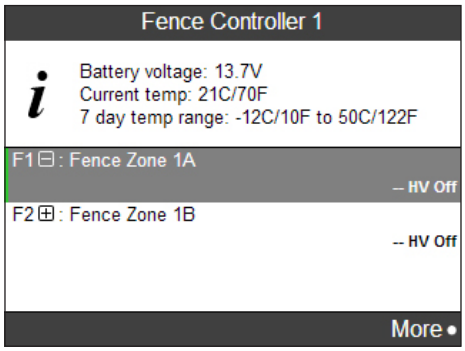
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Notes:

- The order that the Fence Controllers are displayed is configurable in Command Centre.
- When in HVplus mode, the HV text flashes.
- The Fence Controller status, Fence Zone(s) status, and voltages dynamically update.

3. To lockout all Fence Zones assigned to the Fence Controller, select the Fence Controller hosting the Fence Zones you wish to lockout, then press the Lockout key. The Fence Zone(s) assigned to the Fence Controller will be placed in lockout.

4. To lockout individual Fence Zones assigned to the Fence Controller, select the Fence Controller hosting the Fence Zones you wish to lockout, then press the **More** key.
The Fence Zone screen displays.



5. Select the Fence Zone you wish to lockout, then press the **Lockout** key. The Fence Zone assigned to the Fence Controller will be placed in lockout.

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13 Testing Inputs

Introduction

Inputs can be tested from a terminal, using one of the following methods:

- **Scheduled Testing**

  Scheduled testing occurs when a staff member authorised to test Inputs disarms the system using a terminal. The staff member can then choose to enter Test Mode or disarm as usual. If testing of the Inputs is due, the test must be performed.

- **Unscheduled Testing**

  Unscheduled testing allows Inputs to be tested without changing the state of an Alarm Zone. A staff member or technician will be able to put areas of the system into Test Mode whilst tests are carried out. No alarms will be raised during this time. At the end of the test, the terminal will list the Inputs that failed to activate.

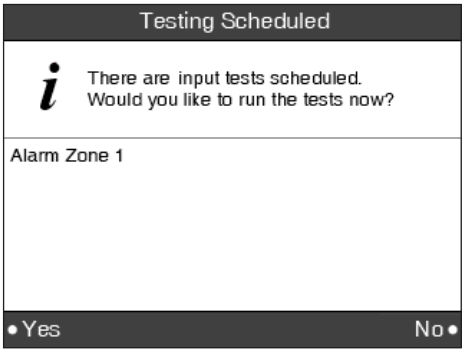
Procedures

13.1 Performing a Scheduled Test
13.2 Performing an Unscheduled Test

13.1 Performing a Scheduled Test

1. Press the **Disarm** key.
2. Log on to the terminal.

   If you have been assigned the "Prompt for alarm zone selection" privilege, the Alarm Zones screen will display. Press the **Disarm All** key. Alternatively, press the **Select all** key, then select the **Disarm** option.
   The Testing Scheduled screen displays.



   The Testing Scheduled screen lists the Alarm Zones containing the Inputs to be tested.

3. If the test is optional, press the **Yes** key to enter Test Mode. If the test is non-optional, press the **Ok** key to enter Test Mode. The configured time to complete the test displays as a countdown. The option to extend the test is provided. The terminal will beep once every second when in Test Mode.
4. Check that all Inputs configured as part of the test are functioning correctly, (i.e. activate the Inputs). Inputs maybe PIRs, duress buttons, raise counter buttons, etc.

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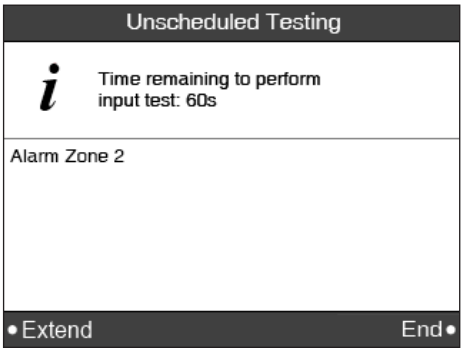
5. Once all Inputs have been tested, press the **End** key. If all Inputs are functioning correctly the "Testing succeeded" message displays.

   If one or more Inputs failed to function correctly, the "Testing failed" message displays. The Inputs that failed the test are listed on screen. If configured in Command Centre, a report is sent to the alarm monitoring station and an email is sent to the manager for each Input that failed the test.

6. Press the **Ok** key.

13.2 Performing an Unscheduled Test

1. Log on to the terminal.
2. Select **Test** from the Menu.
   The Tests screen displays.
3. Select the individual Alarm Zone to test, then press the **Test** key. To test all Alarm Zones, press the **Test All** key.
   The Unscheduled Testing screen displays.



   This screen lists the Alarm Zones containing the Inputs to be tested. The configured time to complete the test displays as a countdown. The option to extend the test is provided. The terminal will beep once every second when in Test Mode.

4. Check that all Inputs configured as part of the test are functioning correctly, (i.e. activate the Inputs). Inputs maybe PIRs, duress buttons, raise counter buttons, etc.
5. Once all Inputs have been tested, press the **End** key. If all Inputs are functioning correctly the "Testing succeeded" message displays.

   If one or more Inputs failed to function correctly, the "Testing failed" message displays. The Inputs that failed the test are listed on screen. If configured in Command Centre, a report is sent to the alarm monitoring station and an email is sent to the manager for each Input that failed the test.

6. Press the **Ok** key.

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14 Changing the Door's access mode

Introduction

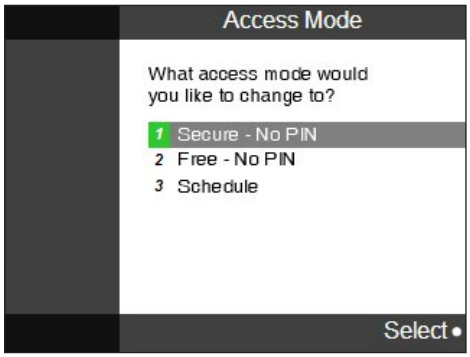
If the terminal has been assigned as the Reader for a Door, the following procedure can be used to change the access mode for the Door's Access Zone.

Notes:

- The Alarm Zone associated with the Door's Access Zone must be disarmed.
- You must have the "Lock and unlock access zones" privilege for the Door's Access Zone.

Procedure

1. Press the **Mode** key.
2. Log on to the terminal.
   The Access Mode screen displays.



3. Select the access mode you require; Mode 1, Mode 2, or the scheduled state.

   Note: The access modes for an Access Zone are configured in Command Centre.

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15 Viewing the Mimic Panel

Introduction

The state of an Alarm Zone, Input, or Output can be shown using one of the 8 LEDs located on either side of the terminal screen. The colour and flash state for each LED can be configured in Command Centre. The Mimic Panel displays the label configured for each of the 8 LEDs.

Note: If configured to display, the Alarm notification or Isolated/Shunted Inputs notification displays vertically in the centre of the Mimic Panel when applicable.

Procedure

1. To display the Mimic Panel, press the * key.

   Alternatively the Mimic Panel can be configured to display instead of the Welcome screen. If configured to do so, the Mimic Panel will display after 10 seconds of inactivity.



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