

ARES Version 4.4.1



**Security and Access Control
Management System**

ARES

REFERENCE MANUAL

UPDATED JANUARY, 2000

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It is the responsibility of the customer to test and determine the suitability of this product for specific applications. In no event shall Tecom Systems be responsible or liable for any damage incurred by the buyer or any third party arising out of the use or inability to use the product.

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ALARMS MENU



ARES tracks every single alarm generated through a three stage alarm response procedure. The alarms screen can be accessed by clicking on the alarm icon in any menu option, or clicking on the alarm icons which appear in the alarm bar across the top of the screen.

Alarms Main Screen



Alarm Handling

When an alarm first appears on the terminal, the operator clicks on the alarm bar and selects an alarm from the “unacknowledged” alarms list and generates a “response” by typing the response in, or by assigning a pre-programmed response to the alarm. Alternatively, if the alarm point is defined to a graphic map, the operator may jump to the dynamic graphics screen, where the alarm can be handled in a simple “point & click” environment, see Graphics Manual.

After responding to the alarm, the operator presses the **ACK** or “acknowledge” button. If the alarm point has reset or the alarm condition restored, the alarm is removed from the system. If the alarm has not been reset or restored, it is moved to the “Follow Up” screen.

Pressing the **Alarm Type** button allows the operator to quickly switch between the Unacknowledged and Follow Up screens. From the Follow Up screen the operator is able to monitor the alarm condition, view details of the alarm and response messages, and may enter additional responses as required. When the alarm point resets or the condition restores, the alarm is automatically removed from the Follow Up screen.

The Unacknowledged screen is always regarded as the 1st priority. When the operator switches to the Follow Up screen, a timer ensures that the system will revert back to the Unacknowledged screen if there is no keyboard or mouse activity. The timer is configurable. See **Administration/Configuration/Ares Config/Alarm Screen**.

The ARES Menu Structure allows the Alarms screen to be quickly accessed from any menu or sub-menu in the system. Regardless of what activity the operator is performing in the system, when the flashing red Alarm message appears in the top left hand corner of the screen, the operator can jump to the alarm screen immediately.

All alarm activity is stored in history and can be quickly reviewed via the Event Screen and included in reports.

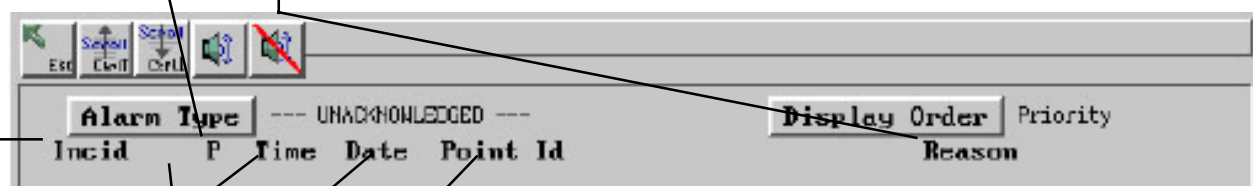
Alarm details are always displayed in the same order.

Alarm Details

Incident Number: Every Event generated in the ARES system is assigned a unique Incident number. Where several Events relate to a particular alarm, the same incident number will be assigned to all of those events.

Reason: The reason for the alarm condition.

Priority: The alarm priority set in the Challenger menu. Aids in responding to alarms according to the level of urgency.



Alarm Type	---	UNACKNOWLEDGED	---	Display Order	Priority	Reason
Incid	P	Time	Date	Point Id		

Time: The time of day that the event was received or generated by the ARES system (the local time zone of the Operator Station).

Date: The date on which the event was received or generated by the ARES system (the local time zone of the Operator Station).

Point Id: The Identification text or description programmed for the point in alarm.

*** - Asterisk:** An Asterisk is shown if the alarm is new. I.e: it has received no operator response.

Alarm Screen Functions

All these functions can be accessed by clicking the left mouse button once on the icon.

Alarm Type: Allows the operator to toggle between the Unacknowledged screen and the Follow Up screen. Note that the system will automatically return to the Unacknowledged screen if no operator activity is detected in the Follow Up screen.



Display Order: Allows the operator to select whether alarms will be displayed in chronological time order or in order of priority. Default order is based on priority. (Select the 'I' key for time or 'P' for priority or use the mouse).

Alarm Responses



Graphics: Will jump to Graphics if the selected point in alarm belongs to a map.

Response: When an alarm appears in the alarms screen a response is the first step in clearing it from the system. Common responses to alarms can be pre-programmed and assigned an ID number and these responses can be accessed from the Response icon.

- Text:** This function is used for entering the alarm response text.
- ACK:** After assigning a response to an alarm, the operator uses the ACK button to acknowledge the alarm. When an alarm has been acknowledged it is moved to the Follow Up screen or it is removed if restored.
- Action:** The Action button will display suggested actions for the operator to follow.
- Delete:** The Delete button will remove the selected alarm from the alarm screen. This option is only available if included in an operator's access record. NOTE: This is not a recommended means of removing alarms.
- Delete All:** The Delete All button will remove all current alarms from the alarm screen. This option is only available if included in an operator's access record.
- NOTE:** This is not a recommended means of removing alarms.



- Esc:** Clicking on this icon will exit the alarm screen.
- Scroll Up / Down:** If many alarms are being generated it may be necessary to scroll up and down pages of alarms.
- Alarm On/Off:** Toggles alarm sound on and off. If the sound is off for 5 minutes or longer the alarm sound will be automatically restored. This option is only available if included in the operator's access records.
- Sound Off:** Turns the sound off permanently. This option is only available if included in the operator's access records. Sound will be turned on when the operator logs back in.

Some alarms associated with users will allow extra buttons and screens to appear.

OPERATORS MENU



Operators are the people who log into and operate an ARES system.

Operators are assigned access levels which determine which sections of ARES they are allowed to view or update.

Operators are not the same as users. Users refer to everyone in a site monitored by the Challenger and ARES.

In this section of the manual you will learn to:

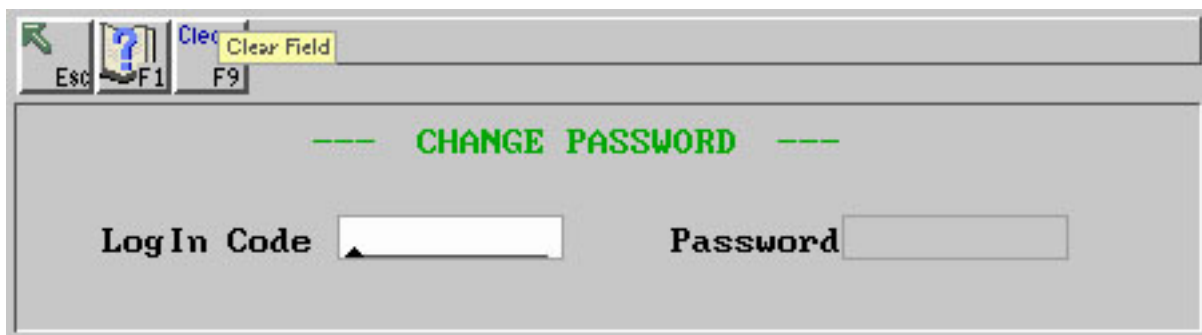
- * **Change the password of your operators.**
- * **Enter an operator into the Operator Database.**
- * **Create a report on operators.**
- * **Print the report.**
- * **Create the access levels for your operators.**



Change Password

Every operator in the system has a log in code and password. Without these an operator can not gain access to ARES. Changing the password regularly can help reduce the chances of someone gaining unauthorised access to ARES and the security system.

Change Password Screen



Steps:

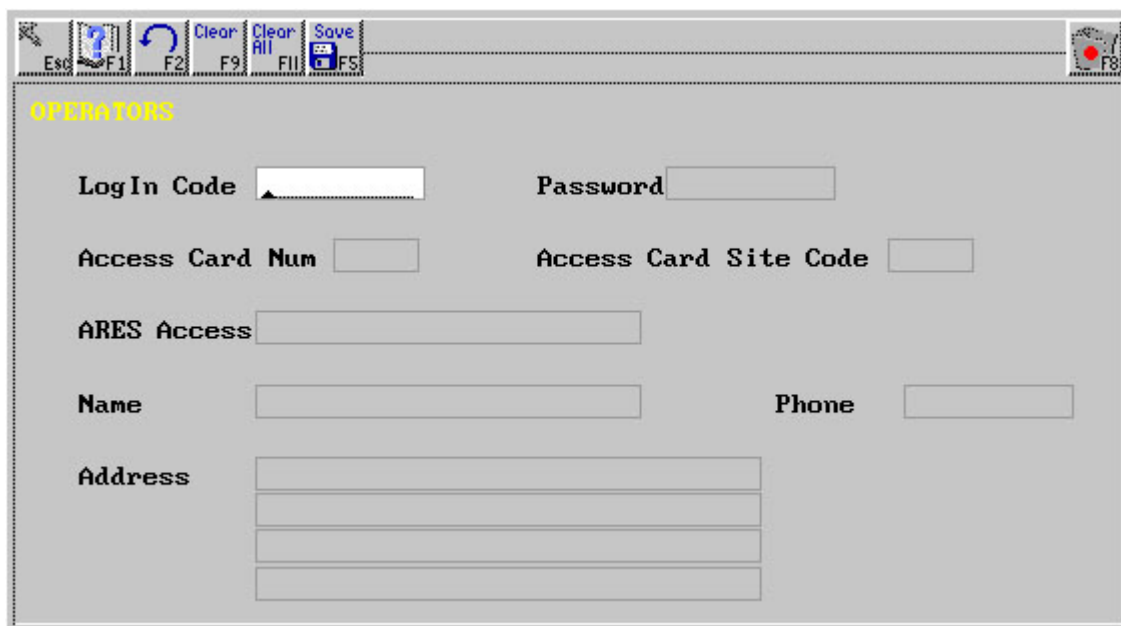
- 1) Select the Operators icon from the main menu
- 2) Select the Change Password icon from the Operators menu
- 3) In the highlighted **Log In Code** field type in the log in code and press enter
- 4) In the highlighted **Password** field type in the password for this log in code and press enter
- 5) ARES asks for the new password. Type the new password in the **Password** field and press enter
- 6) Confirm the password change by typing the new password again in the **Password** field and press enter
- 7) The fields will clear to indicate the change is now confirmed

Operator Database

Anyone who has access to the ARES system is entered into the operator database. Operator access level is entered here along with personal details. The name entered at this point is the name that will appear in the bottom right hand corner of the background screen. See Introduction, Main Screen Features.

Operator Database Screen

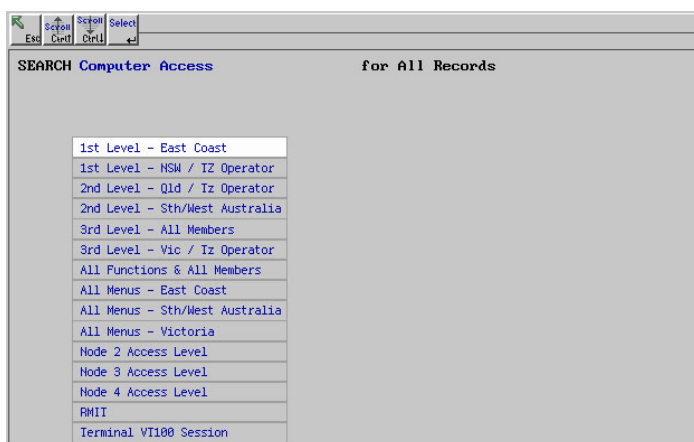
Mandatory Data: Log In Code, Password, ARES Access, Name.



Steps:

- 1) Select the Operators icon from the main menu and select the Operator Database icon
- 2) Identifying an existing operator. If the operator's log in code is already known, type it directly into the highlighted **Log In Code** field and press enter. If the code is not known, browse for it.

- 3) **Creating a new operator record.** In the highlighted **Log In Code** field type in a log in code for the operator and press enter. A notice will appear on screen to notify the operator that the record is new.
- 4) In the **Password** field type in a password and press enter. A minimum of four (configurable) case sensitive characters or digits is needed. A message will ask for confirmation of the password,. Type it again and press enter
- 5) In the **Access** field click once with the right mouse button or press **F4**. A search screen will open displaying available computer access levels.



Select the appropriate computer access level or create a new one. (Press **F3** to go to the Computer Access Screen). See **Reference Manual, Operators Menu, Computer Access**.

- 6) The **Name** field is mandatory. Fill in the relevant details.
- 7) Save the record by clicking the left mouse button once on the **save** icon or press **F5**.

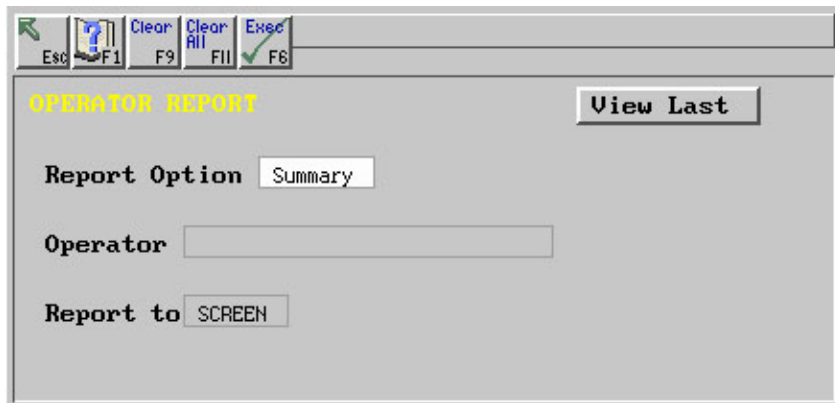
NOTE: If your site uses prox cards to login to ARES, each operator record will require the prox card details. Enter the prox card number and site code. Also be aware that only 26 or 27 bit cards may be used.

Operator Report

Reports can be produced on one operator or many. The operator report can be presented in three ways: summary, detailed and expanded.

From the **Report Option** field the operator can select the preferred option from a drop down menu. See **Introduction, Navigating through ARES, Reports**.

Operator Report Screen



The screenshot shows a software window titled "OPERATOR REPORT". At the top, there is a toolbar with icons for navigation and function keys: Esc, F1, F9, F11, and F6. The main area contains three fields: "Report Option" with a dropdown menu currently showing "Summary", "Operator" with an empty text box, and "Report to" with a dropdown menu currently showing "SCREEN". A "View Last" button is located in the top right corner of the main area.

Select the Operator(s) on which to generate the report.

If the operator field is left blank, the report will be generated for all operators to which the current operator has access.

Computer Access

An operator can be allocated access to all or just a few of ARES functions.

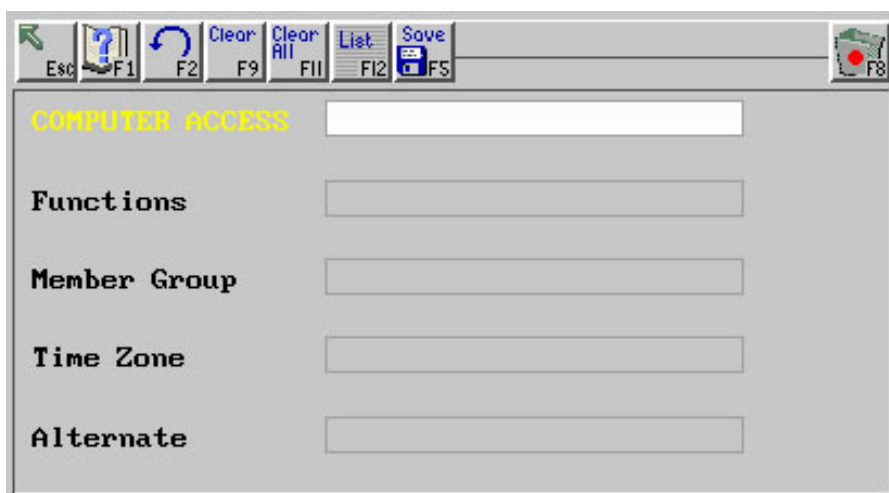
Once access levels have been determined, the menus will reflect the new access level.

The level of computer access can be specifically defined in the functions field with “Editing Access”. This allows the operator to edit the information they have access to. Alternatively, the operator may have a “View Only” access, with no authority to change any of the information they see.

A maximum of three computer access levels per operator is allowed - 2 alternative and one original.

This is perfect for shift-work or multi-tasking. For example, Operator B works in the mornings from 7 to 11am. This is set as the operator’s original access level. But the same operator comes in occasionally from 4 to 8pm in a different role. This is when an alternative computer access level is used.

Computer Access Screen



COMPUTER ACCESS	
Functions	<input type="text"/>
Member Group	<input type="text"/>
Time Zone	<input type="text"/>
Alternate	<input type="text"/>

Steps:

- 1) Select Operator/Computer Access icon from the main menu
- 2) In the highlighted **Computer Access** field click the right mouse button once or press **F4**. A search screen will open displaying available computer access options.
- 3) Select an existing Access record or enter the id for a new record (Computer Access).



- 4) Select an existing Functions record or enter the ID for a new one and press **F3** to go to the programming for that record.
- 5) Select an existing Member Group record or enter an ID of a new member group and press **F3** to go to the programming for that record.
- 6) If a new member group is required, then clear the field using the delete key or press **F9**. Double click on the highlighted **Member Group** field or press **F3**. See **Programming Functions, Databases Menu, Members Database, Member Groups**.
- 7) In the **Time Zone** field, select an existing time zone or enter the ID of a new one and press **F3** to go to the programming screen for that record.
- 8) Select an appropriate time zone. If a new time zone is required, clear the highlighted **Time Zone** field using the delete key or press **F9**. In the highlighted **Time Zone** field double click or press **F3**. See **Programming Functions, Databases Menu, Time Zones, Program Time Zones**.
- 10) If an alternate access level is required, select an access level or enter the ID of a new one and press **F3** to go to the programming screen for that record.

A maximum of two alternative computer access levels can be programmed.

NOTE: The alternate access level is active when the timezone for the 1st level is not valid.

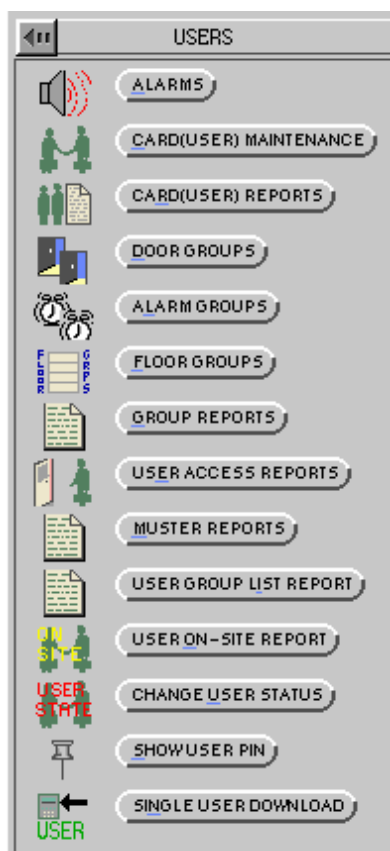
USERS MENU



Users are the people or staff who move about a site using the security system. Users, unlike operators, do not have access to ARES.

In this section of the manual you will learn to:

- * **Change user information through Card (User) Maintenance.**
- * **Create reports on users through Card (User) Reports.**
- * **Create and edit Door Groups.**
- * **Create and edit Alarm Groups.**
- * **Create and edit Floor Groups.**



Card (User) Maintenance

This function is used by ARES to add, delete or edit user information.

Users may be cardholders who badge a card at a reader or have a PIN code which is entered into a keypad, or both.

The member defines where the alarm and other event messages associated with the User are directed.

Card (User) Maintenance Screen

USER Num <input type="text" value="50"/>		PIN/CARD <input type="text" value="4346"/>		Member <input type="text" value="Melbourne"/>	
Name	<input type="text" value="Shannon, Mark"/>				
Position	<input type="text" value="National Training Co-ordinator"/>				
Department	<input type="text" value="Training"/>				
Car Rego	<input type="text" value="ABC 123"/>				
Phone	<input type="text" value="03 92594700"/>	Ext	<input type="text" value="9999"/>		
Phone(AH)	<input type="text" value="03 99999999"/>				
Mel D.O.B.	<input type="text" value="1 July 1999"/>				
Mel Start	<input type="text" value="26 August 1996"/>				
Mel EmpNo.	<input type="text" value="1234E4567676"/>				
Mel Status	<input type="text" value="Married"/>				
<div> <div>--- VALID DATES ---</div> <div> Start <input type="text" value="1"/> / <input type="text" value="03"/> / <input type="text" value="99"/> <input type="text" value="0"/> : <input type="text" value="0"/> </div> <div> End <input type="text" value="1"/> / <input type="text" value="03"/> / <input type="text" value="00"/> <input type="text" value="0"/> : <input type="text" value="0"/> </div> </div>					
<div> <div>--- USER DETAIL ---</div> <div> Type <input type="text" value="Normal"/> </div> <div> Status <input type="text" value="Active"/> </div> </div>					
<div> <div>Trace <input type="checkbox"/></div> <div>Long Access <input type="checkbox"/></div> </div>					
<div> <div>Card Only <input type="checkbox"/></div> <div>Privileged <input checked="" type="checkbox"/></div> </div>					
<div> <div>Image System Operator <input type="checkbox"/></div> </div>					
<div> <div>----- LAST ACCESS -----</div> <div> Time <input type="text" value="11:00:16"/> <input type="text" value="Wed Aug 04, 1999"/> </div> <div> Reader <input type="text" value="Ch 1 RAS 1 Master Controller"/> </div> <div> Region </div> </div>					
<div> <div>--- ACCESS GROUPS ---</div> <div> <div><input type="text" value="Door"/></div> <div><input type="text" value="Lift"/></div> <div><input type="text" value="Alarm"/></div> </div> </div>					

USER DETAILS

DATE/TIME

Each User must have a start date/time and end date/time in order to have access to the Challenger system. The start date and time can be programmed as the present date and time or a future date and time. A user that is programmed with the present date and time is downloaded to the Challenger's database when the user record is saved depending on the Access Groups. When a user is programmed with a future date and time the user record is saved, but not downloaded, and their status is set to void until the time is active. ARES automatically downloads the user on the "start" date. The end date and time is used to automatically remove the user's record from the Challenger's database. The user record is not deleted from the ARES database but is made void.

PIN/CARD

Enter the PIN code or double click on the PIN Field to enter card details for IUM Challengers only. Challengers that have IUM fitted may have all users with PIN Codes.

Card Type:

The card type determines how the user will interact with the security system:

Normal:	Standard card and/or PIN code operation.
Visitor:	A Visitor can only unlock the door if escorted by a User with "Guard" authority. i.e. Both the visitor and the guard must present their cards or enter their PINs to unlock the door. Note: Only applicable to Doors 17 to 64 on a Challenger system.
Guard:	Standard card and/or PIN code operation with visitor escort authority. Note: Only applicable to Doors 17 to 64 on a Challenger system.
Dual Custody:	To unlock the door, this User will always require a second valid User to present their card or enter their PIN code after presenting their own card or code. Note: Only applicable to Doors 17 to 64 on a Challenger system.

Card Status:

The status field is used to indicate the current status of the Card (User). There are four status conditions available:

Active:	When a user's card is valid.
Void:	A user is no longer valid and cannot access the Challenger System.
Lost:	This also makes the user invalid but will generate a lost card alarm when (or if) it is used on the system.
Expired:	The current date is after the end date of the user. It generates an alarm if used on the system. The user is invalid.

When the user record is saved the system checks the start date and time to determine whether the record should be active, void or expired. ARES automatically changes the status from void to active at the specified time on the "Start Date" and from active to expired at the time specified on the "End Date".

Other Card Detail options:

Sometimes it is necessary to trace the activities of a card, provide the card user with more time to pass through the door, disable the personal identification number or provide a higher level of access. Five special Card Detail options allow these facilities to be specified for each user:

Trace:	The “trace” option is used to announce each time the card or PIN code is presented at a reader by generating an alarm. This allows an operator to trace the movements of that user. Note: Only applicable to Doors 17 to 64 on a Challenger system.
Long Access:	The “long access” option is used to provide a longer period for the user to pass through the door. The door is unlocked for an extended access time, and the door input is suppressed for an extended shunt time to allow easier access for physically challenged users. Extended access time and extended shunt time must be programmed for each door before long access will be available. Note: Only applicable to Doors 17 to 64 on a Challenger system.
Card Only:	The “card only” option is used to disable the PIN code which may be part of the user record.
Privileged:	The “privileged” option is used for a person that is deemed to be of a higher authority. This option disables the anti passback features for this user record only and also allow users to access doors that have their readers disabled (not doors). Note: Only applicable to Doors 17 to 64 on a Challenger system.
Image System Operator:	The “Image System Operator” option allows access to a Fox ID System if one exists on the network. Having access to the Fox Id System requires a password which is determined when this option is selected by double clicking on the checkbox. Fox ID is an Access Card Photo ID system.

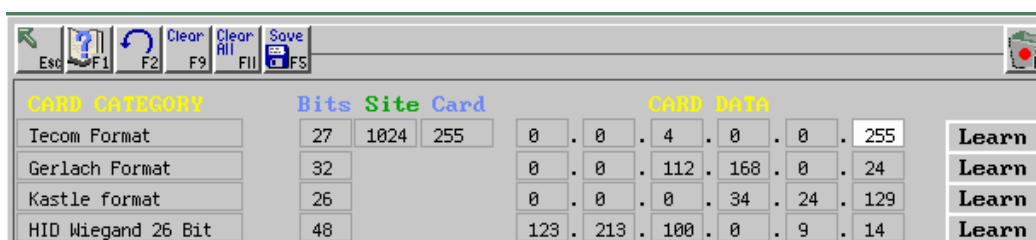
Steps:

- 1) Select Users/Card (User) Maintenance icon from the main menu
- 2) If the user’s ID number is already known enter it directly into the highlighted **Num** field and press enter. If it is not known, click the right mouse button once or press **F4**. A search screen will open displaying available users.
- 3) To create a new user record, enter information into the mandatory fields: **Number, Name, Member** and **Dates**.

A User may be selected by entering:

- either the User Number or the User Pin - both will give a Uniquer User.
- or
- by entering a User Name and browsing.
- or
- by entering a Department (eg: Engineering or Warehouse) then browsing to select a user belonging to that department.

- 4) A notice will appear to notify you the user record is new. If a user record was being looked at previously, ARES will ask if the previous user's access group can be used for the new user. Choose yes or no and then press enter.
- 5) If the User requires a PIN, in the **PIN** field enter a unique pin number (minimum of four digits and maximum of 10) and press enter.
- 5a) If the IUM (Intelligent User Module) is fitted to one or more Challengers, then a card ID must be entered. The card ID must be up to 48 bits of card data. Double click on the PIN field to enter the card data. The screen below will appear.



CARD CATEGORY	Bits	Site	Card	CARD DATA	
Tecom Format	27	1024	255	0 . 0 . 4 . 0 . 0 . 255	Learn
Gerlach Format	32			0 . 0 . 112 . 168 . 0 . 24	Learn
Kastle format	26			0 . 0 . 0 . 34 . 24 . 129	Learn
HID Wiegand 26 Bit	48			123 . 213 . 100 . 0 . 9 . 14	Learn

There are three ways to enter card data. (Remember, this only applies if the Challenger and subsequent 4 Door Controllers have IUM fitted.):

- If the card format is Tecom 27 bit, you can enter site code and card number. The six fields of data will be automatically entered as soon as the site code and card number is entered.
- If the card is any other format, you are unable to use site code and card number. You must enter the data in the six fields. Each field has a number range 0 to 255. Each field represents 8 bits of a maximum of 48 bits.
- If it is any other format other than Tecom and you don't want to enter the data manually, you can 'learn' the card. All you need to do is present the card at a designated reader and the card data is entered automatically. To set up the 'learn' card reader, refer to the programming section:

Administration / Configuration / ARES Configuration menu. The **User** option has a field **IUM Card Learn Port**. This is where the card reader will be connected.

- 6) Select a Member then select the appropriate member group, then click on the **select** icon, press enter or **F5**.

If a new member is required, clear the field by pressing **F9**. Double click on the highlighted **Member** field or press **F3**. See **Advanced Functions, Databases, Members Database, Members**.

- 7) In the **Name** field, type the user's name and press enter. (It is recommended you place the surname first.) Then fill in the **Position** and **Department** fields.
- 8) In the **Car Rego.** field, type the user's car registration number and press enter. This field title will vary depending on the entry made by the system administration during installation. For this exercise we have used car registration, but please note this field title is programmable.
- 9) In the **Phone, Ext** and **Phone (AH)** fields and enter the relevant information.
- 10) **Definable fields.** Below the **Phone(AH)** field is space to add four additional fields associated with the member selected at Step 6 and defined in the member database screen. These fields are treated like any other field, but they have no search function. See **Programming Functions, Databases, Member Databases, Members**.

- 11) In the highlighted **Valid from** field type in the start date and time, press enter between each field until an end date and time has also been set.
- 12) In the highlighted **Type** field click the right mouse button once or press **F4**.
Select the appropriate card type option from the drop down options menu and press enter.
- 13) In the highlighted **Status** field click the right mouse button or press **F4**.
Select the appropriate card status option from the drop down options menu and press enter.
- 14) To confirm a choice of **Trace, Long Access, Card Only** or **Privileged**, place a check in the required box.
- 15) To allow access to a Fox Id System check the box provided next to the **Program Image Systems** field. Double click on the X marked check box or press **F3**. A Fox Id screen will open.
Type in a login code and password into the highlighted fields to allow the user to have access to the Fox ID system.
- 16) To assign a **Door, Alarm** or **Floor Access Group**, double click on the relevant icon, and a screen will open.

For example:



You can narrow down the Challengers to a specific Challenger by entering the Challenger in the restrict field. Leaving the field blank will select all Challengers. Double clicking on **List** or **Expand** will give you details of the group assigned (if any).

List will list every Door or Floor or Alarm group (depending on which button entered) assigned to the user.

Expand will list as above but will also give the detailed contents on each group.

Complex User Searching:

ARES provides the capability to search for Users by multiple criteria.

Click on the **Search** icon in the Title Bar, then fill in each of the fields required.

For example:

To find all Users named Smith, with Active cards who work in Engineering, do the following:

Press **Search** icon - the data entry screen will clear.

Enter Smith into the **Name** field and enter Engineering into the **Department** field.

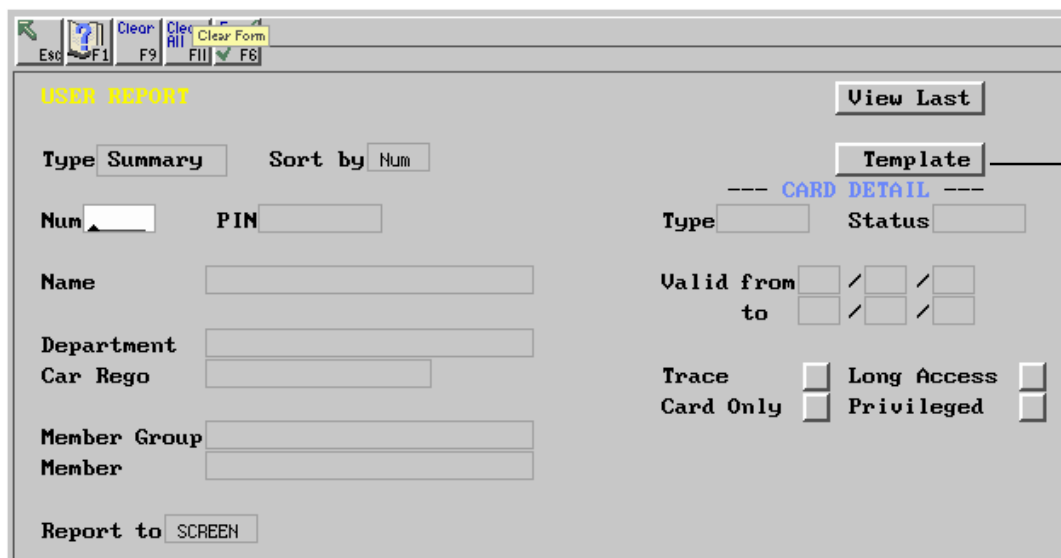
Select Active Card in **Card Status** and press the **Search** icon.

ARES will find and present a list of all Users matching the criteria. Select the required User from the list. This returns you to the data entry screen. Pressing **Previous/Next** now scrolls up and down the list of matching Users.

To return to normal date entry, press **Esc**.

NOTE: Performing a Complex User Search requires ARES to read the entire User database. This may take some time.

Card (User) Reports screen (see page 49)



For Template information, see the Template Appendix.

Card (User) Reports

This function creates reports on the details of individual or groups of users. The report can be generated in the four ways detailed in **Introduction, Reports** and can be produced based on:

Individual users:	Data Fields which are unique to the user e.g. User Number, PIN and Employee_No, will provide information on the selected user only.
One field in common:	All users that belong to a particular member or all users in a particular department, for example.
Several fields in common:	By combining variable fields we can find all “Active” users named “Smith”, working in the “Store”, with “Card Only” facilities.

The fields are used to identify and narrow the report selection. Some fields can be left blank while others can have a range of information selected. Other options include card status and card type details.

Reports can be presented in four ways in this menu: list, summary, detailed and expanded. These can be selected from a drop down options menu in the **Type** field.

TYPES:

LIST: Presents a List of Users giving:

User number
User name
User state
Start & Expiry Dates
and indication if the User has a PIN code.

SUMMARY: Presents a report giving two Users per page and displays the details as presented on the User Data Entry Screen.

DETAILED: Same as Summary plus also lists the Access Groups for the User.

EXPANDED: Same as Detailed plus gives details of Access Groups.

Steps:

- 1) Select Users.
- 2) Card (user) Reports icon from the Users menu
- 3) In the highlighted **Type** field click the right mouse once or press **F4** to select type of report. Select the appropriate option from the drop down options menu and press enter.
- 4) Enter the required data.
- 5) To execute the report, press **F6** or click on the **exec** icon. A message from ARES will indicate when the report has been completed.

Steps:

- 1) Select Users.
- 2) Door Groups icon from the Users menu
- 3) To restrict the door group to a particular Challenger, select a Challenger by number or ID.
- 4) If the door group ID is already known type it directly into the highlighted **Door Group** field and press enter. If it is not known, click the right mouse button once or press **F4**. A search screen will open displaying available door groups.
Select a door group or enter the Number / ID of a new group. Leaving the number blank lets ARES select the next unused number (1-128). A list of doors for the selected Challenger is presented.
Note the time zone fields next to the doors: some are filled in and others are blank. Those with time zones are the doors which make up the group.
- 5) In the **Time Zone** field click the right mouse button once or press **F4**. A search screen will open displaying available time zones.
To place a door in this Door Group, select a Time Zone for the door.
Modifications to new time zones can be created from this screen, see **Programming Functions, Program Time Zones**. If a new time zone is created here, it is automatically attached to the selected Challenger.

Alarm Groups

Alarm groups are used to define alarm functions (for a particular Challenger) to the User.

Creating, Modifying or deleting an alarm group from the User menu or the Challenger menu is identical. The difference between the alarm groups is that any alarm group created from the Challenger menu can not be modified from the User menu and vice versa.

Alarm groups 1-10 are protected by the system. They can be viewed but not modified as they contain master control settings (Refer to: **Table 4, Challenger Programming Guide**). When saving a new alarm group, ARES automatically numbers the alarm group with the next available number if the number field is left blank.

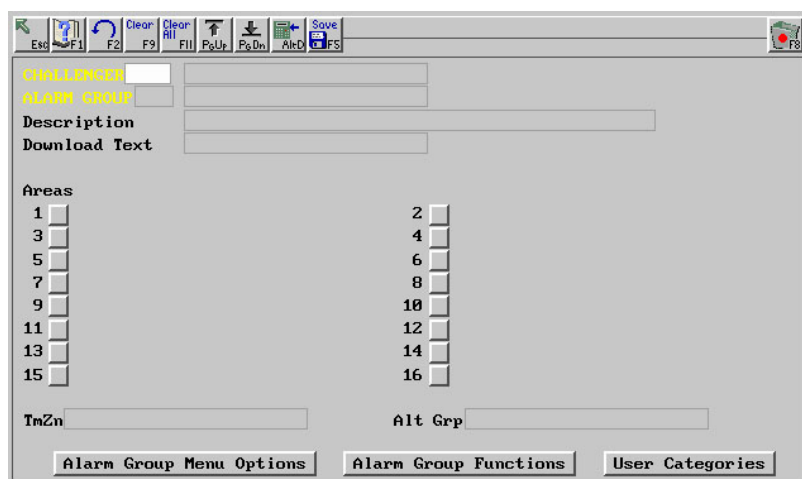
Warning: you must be extremely careful when changing alarm groups. Both the functions performed by users with that alarm group, and the functions available at remote arming stations and door readers with that alarm group, will be affected.

NOTE: A function provided to a user via their alarm group is only valid when:

- In order to assign an alarm group to a User, it must be flagged as a “User Alarm Group”.

Alarm Group: The Alarm Group provides details of the Challenger area/s, Alarm system control functions and User Menu functions available to the user. A time zone is allocated to each alarm group to specify when the functions are allowed. An Alarm Group is usually programmed for each type of user in a Challenger system. (e.g. Sales Staff, Factory Staff, Cleaners, Guards, etc.) Alarm Groups are usually pre-programmed by the System Administrator, and the Operator will only need to allocate a suitable Alarm Group to each user.

Alarm Groups Screen



Exit F1 F2 Clear Clear All Fill PgUp PgDn AltD Save

CHALLENGER

ALARM GROUP

Description

Download Text

Areas

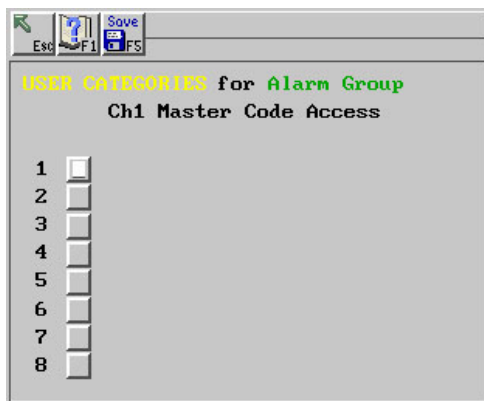
1 <input type="checkbox"/>	2 <input type="checkbox"/>
3 <input type="checkbox"/>	4 <input type="checkbox"/>
5 <input type="checkbox"/>	6 <input type="checkbox"/>
7 <input type="checkbox"/>	8 <input type="checkbox"/>
9 <input type="checkbox"/>	10 <input type="checkbox"/>
11 <input type="checkbox"/>	12 <input type="checkbox"/>
13 <input type="checkbox"/>	14 <input type="checkbox"/>
15 <input type="checkbox"/>	16 <input type="checkbox"/>

TmZn Alt Grp

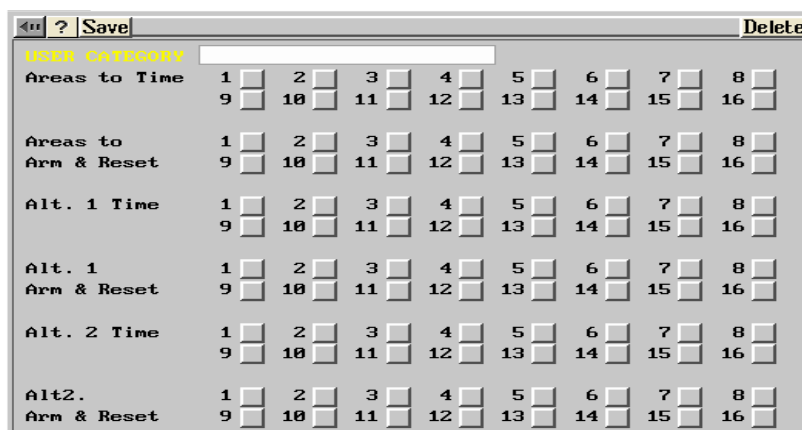
Alarm Group Menu Options Alarm Group Functions User Categories

Steps:

- 1) Select Users, then Alarm Groups.
- 2) Select the appropriate Challenger.
- 3) Select the Alarm Group by Number or ID, or enter the number/ID of a new alarm group. Leaving the number blank lets ARES select the next unused number.
- 4) In the **Desc** field type in a description for the new group and press enter.
- 5) In the **Download Text** field select an appropriate Text Word.
- 6) In the **Category** field click the right mouse button once or press **F4**. A search screen will open displaying available Alarm categories, if required.

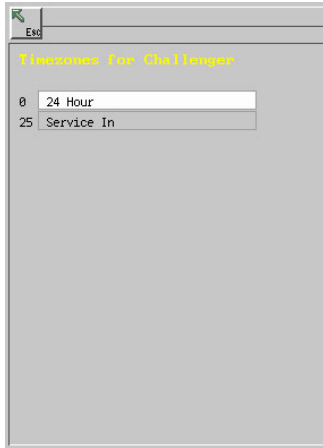


- 6) Select the appropriate category and click on the **select** icon, press enter or **F5**.
- 7) If a new category is required or a modification needed, click twice on the highlighted **Category** field or press **F3**. The following screen will open.



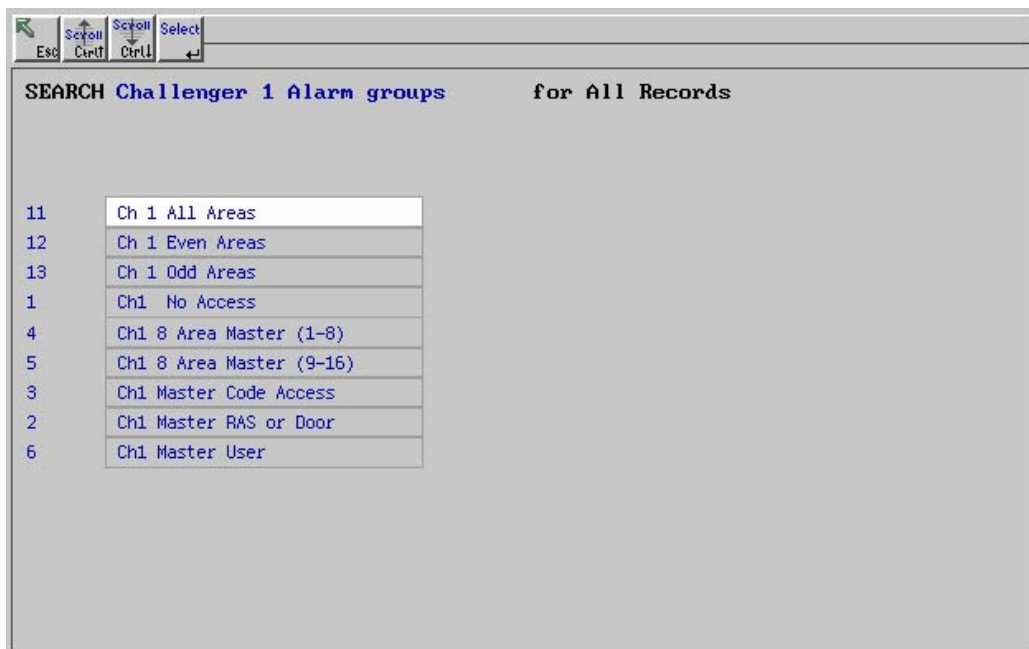
- 8) Type in an ID directly into the **User Category** field and check the appropriate check boxes to confirm a choice.
- 9) To select from areas 1-16, place an X in the check box corresponding to the desired area. Only areas that are programmed can be checked.

- 10) In the highlighted **TmZn** field click the right mouse button once or press **F4**. A search screen will open displaying available time zones.



Select the appropriate time zone and click the **select** icon, press enter or **F5**

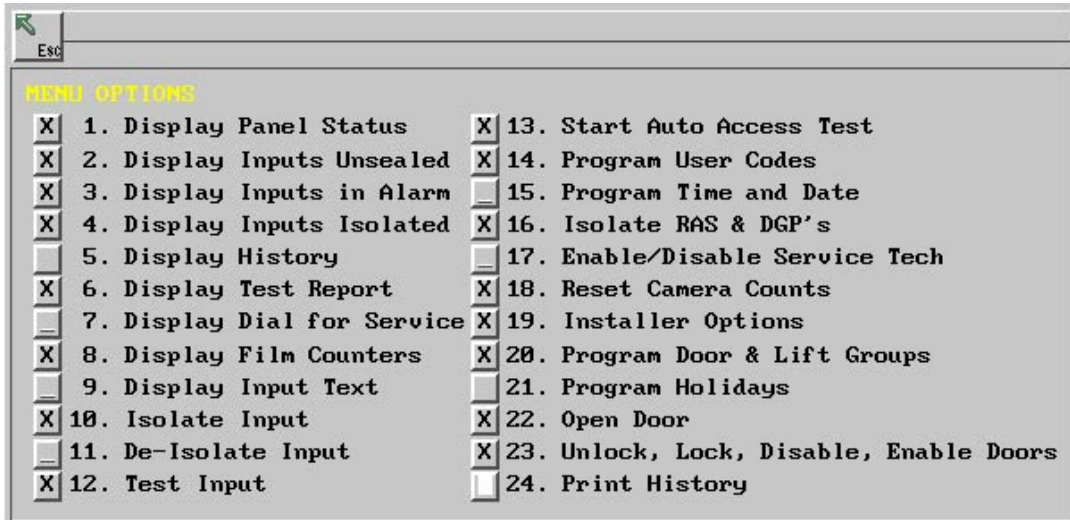
- 11) To view or create a new time zone, click once or press **F3** in a highlighted **Time Zone** Field. The time zone programming screen will appear. Modifications or new time zones can be created from this screen. See **Programming Functions, Program Time Zone**.
- 12) In the highlighted **Alt Grp** field click the right mouse button once or press **F4**. A search screen will open displaying available alternative alarm groups.



Select the appropriate alternative, click the **select** icon, press enter or **F5**.

To create a new alternative alarm group, click once or press **F3**.

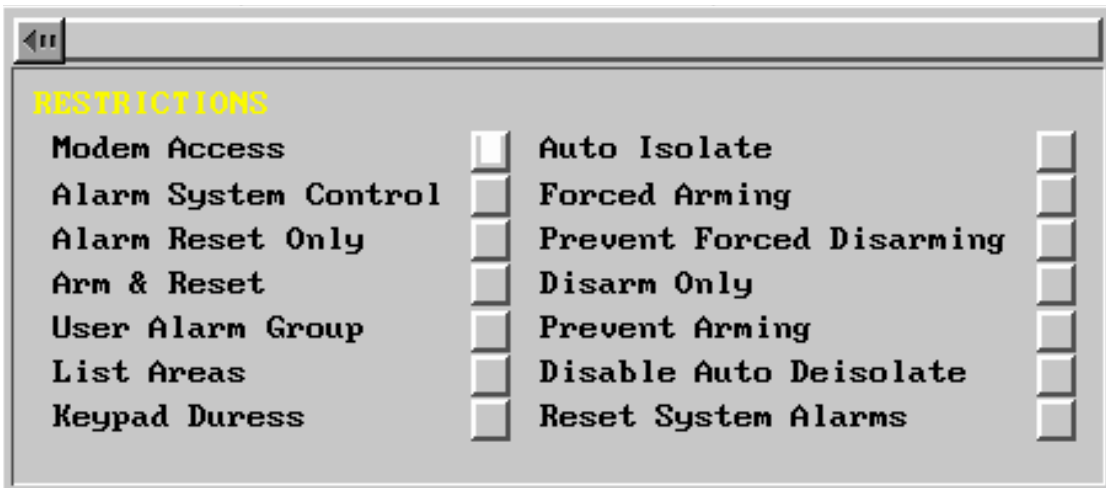
- 13) For the Alarm Group Menu Options icon, click the right mouse button once or press **F4** on the icon. A check box screen will open.



MENU OPTIONS	
<input checked="" type="checkbox"/> 1. Display Panel Status	<input checked="" type="checkbox"/> 13. Start Auto Access Test
<input checked="" type="checkbox"/> 2. Display Inputs Unsealed	<input checked="" type="checkbox"/> 14. Program User Codes
<input checked="" type="checkbox"/> 3. Display Inputs in Alarm	<input type="checkbox"/> 15. Program Time and Date
<input checked="" type="checkbox"/> 4. Display Inputs Isolated	<input checked="" type="checkbox"/> 16. Isolate RAS & DGP's
<input type="checkbox"/> 5. Display History	<input type="checkbox"/> 17. Enable/Disable Service Tech
<input checked="" type="checkbox"/> 6. Display Test Report	<input checked="" type="checkbox"/> 18. Reset Camera Counts
<input type="checkbox"/> 7. Display Dial for Service	<input checked="" type="checkbox"/> 19. Installer Options
<input checked="" type="checkbox"/> 8. Display Film Counters	<input checked="" type="checkbox"/> 20. Program Door & Lift Groups
<input type="checkbox"/> 9. Display Input Text	<input type="checkbox"/> 21. Program Holidays
<input checked="" type="checkbox"/> 10. Isolate Input	<input checked="" type="checkbox"/> 22. Open Door
<input type="checkbox"/> 11. De-Isolate Input	<input checked="" type="checkbox"/> 23. Unlock, Lock, Disable, Enable Doors
<input checked="" type="checkbox"/> 12. Test Input	<input type="checkbox"/> 24. Print History

Place an X in the check boxes desired and then press enter

- 14) For Alarm Group Functions, click the right mouse button once or press **F4** on the icon. A check box screen will open.



RESTRICTIONS	
Modem Access	<input type="checkbox"/> Auto Isolate
Alarm System Control	<input type="checkbox"/> Forced Arming
Alarm Reset Only	<input type="checkbox"/> Prevent Forced Disarming
Arm & Reset	<input type="checkbox"/> Disarm Only
User Alarm Group	<input type="checkbox"/> Prevent Arming
List Areas	<input type="checkbox"/> Disable Auto Deisolate
Keypad Duress	<input type="checkbox"/> Reset System Alarms

Place an X in the check box desired and then press enter.

It is in this screen that Alarm System Control is critical if any alarm control is needed by the User, RAS etc. Refer to **Alarm Group Programming** in the **Challenger Programming & Hardware** guide.

- 15) Check the information is correct, then click the **save** icon or press **F6**
- 16) Click on the **Challenger** icon to download information to the Challenger.

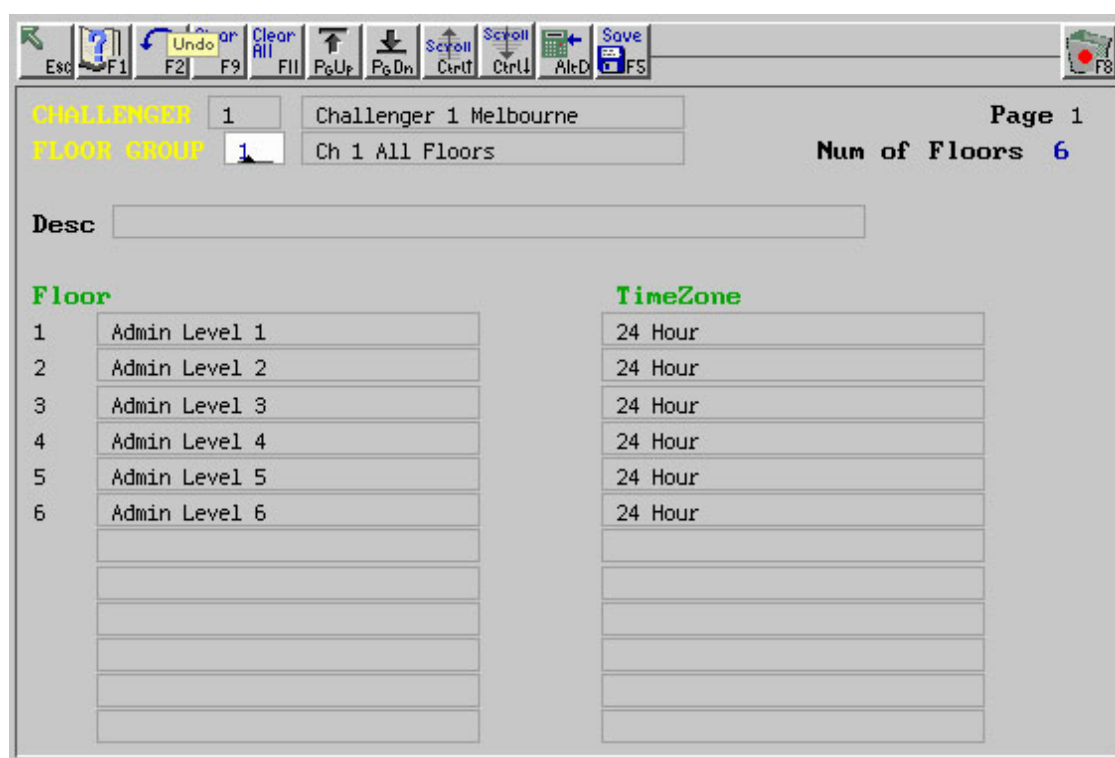
Floor Groups

Floor groups control which floors a user can access and the time zone during which the user may access them. Floor groups may be created from the User or the Challenger menu. The difference between the floor groups is that any floor group created from the Challenger menu (see **Programming Functions, Challenger Menu, Challenger Programming**) cannot be modified from the User menu, and vice versa.

Before any user can access the system, access groups must be assigned to the user. The access groups are used to define which user belongs to which Challenger, and the functions that user can perform. The floor groups are in turn assigned to and defined by the Challenger.

Floor Group: The Floor Group provides a list of floors the user may access. A time-zone is allocated to each floor in the list to specify when access is allowed. A Floor Group is usually programmed for each type of user in a Challenger system. (e.g. Sales Staff, Factory Staff, Cleaners, Guards, etc.) Floor Groups are usually pre-programmed by the System Administrator, and the Operator will only need to allocate a suitable Floor Group to each user.

Floor Groups Screen



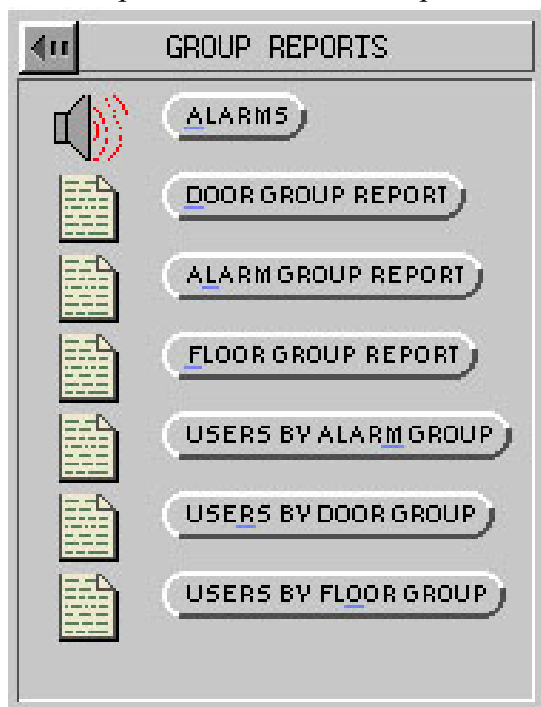
CHALLENGER 1		Challenger 1 Melbourne		Page 1
FLOOR GROUP 1		Ch 1 All Floors		Num of Floors 6
Desc				
Floor	TimeZone			
1	Admin Level 1	24 Hour		
2	Admin Level 2	24 Hour		
3	Admin Level 3	24 Hour		
4	Admin Level 4	24 Hour		
5	Admin Level 5	24 Hour		
6	Admin Level 6	24 Hour		

Steps:

- 1) Select Users.
- 2) Floor Groups icon from the Users menu
- 3) To restrict the floor group to a particular Challenger, select a Challenger by number or ID.
- 4) If the floor group ID is already known type it directly into the highlighted **Floor Group** field and press enter. If it is not known, click the right mouse button once or press **F4**. A search screen will open displaying available floor groups.
Select a floor group or enter the Number / ID of a new group. Leaving the number blank lets ARES select the next unused number (1-128). A list of floors for the selected Challenger is presented.
Note the time zone fields next to the doors: some are filled in and others are blank. Those with time zones are the doors which make up the group.
- 5) In the **Time Zone** field click the right mouse button once or press **F4**. A search screen will open displaying available time zones.
To place a floor in this Floor Group, select a Time Zone for the floor.
Modifications to new time zones can be created from this screen, see **Programming Functions, Program Time Zones**. If a new time zone is created here, it is automatically attached to the selected Challenger.

USERS MENU - GROUP REPORTS

Group reports provide data on user activity at particular doors or floors, areas and alarm groups which can be reported to the screen or a printer.



In this section of the manual you will learn to:

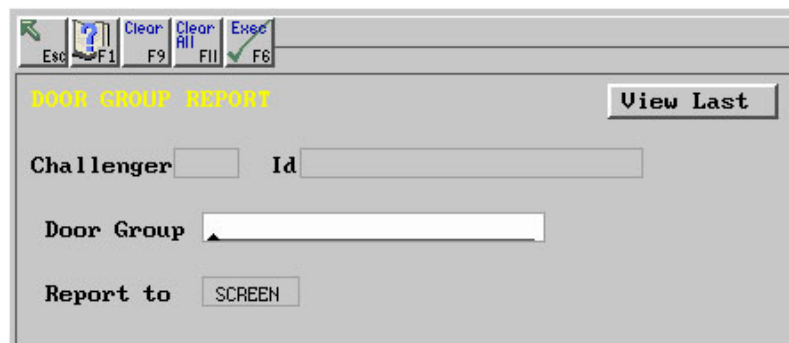
- * **Produce Group Reports on Doors, Alarms and Floors.**
- * **Produce Group Reports on Users by Alarm Group.**
- * **Produce Group Reports on Users by Door Group.**
- * **Produce Group Reports on Users by Floor Group.**

Group Report: Door/Alarm/Floor Group Report

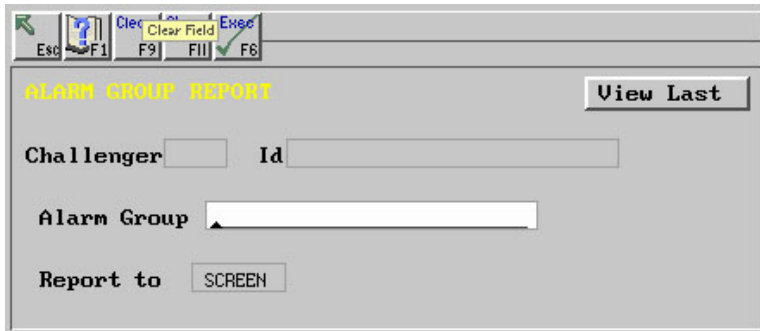
Group reports provide data on the different groups. Selection of a group from a search screen sets the report parameter. All reports can be sent to screen or to printer.

Door, alarm and floor group reports are all managed in the same way: the Challenger which contains the door, alarm or floor group is optionally chosen, then the group to be reported on is selected and finally where the report will be viewed. However, you may leave the group blank to do a report on all groups.

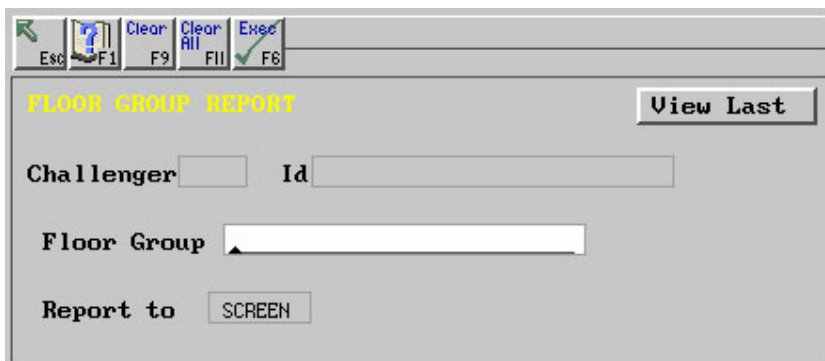
Door/Alarm/Floor Group Report Screens



Door Group Report



Alarm Group Report



Floor Group Report

Select the appropriate group option and click the **select** icon, press enter or **F5**, or leave blank for all.

In the **Report to** field, select the destination of the report.

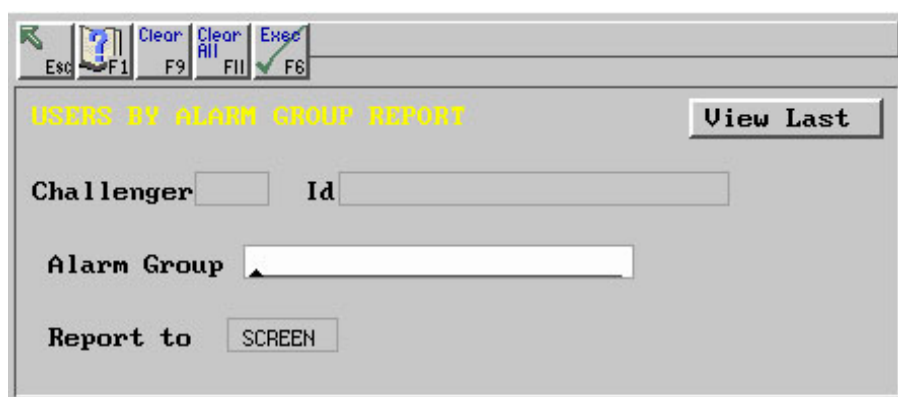
Select the appropriate option from the drop down options menu and press enter .

To execute the report, press **F6** or click once on the **exec** icon. A message from ARES will indicate when the report has been completed.

Users by Alarm Group

This allows for reporting on users who are associated with particular alarm groups. A Challenger is selected which narrows down the range of alarm groups, then an alarm group is selected.

Users by Alarm Group Screen



USERS BY ALARM GROUP REPORT View Last

Challenger Id

Alarm Group

Report to

Steps:

Select the Users/ Group Reports / Users by Alarm Group icon from the Group Reports menu.

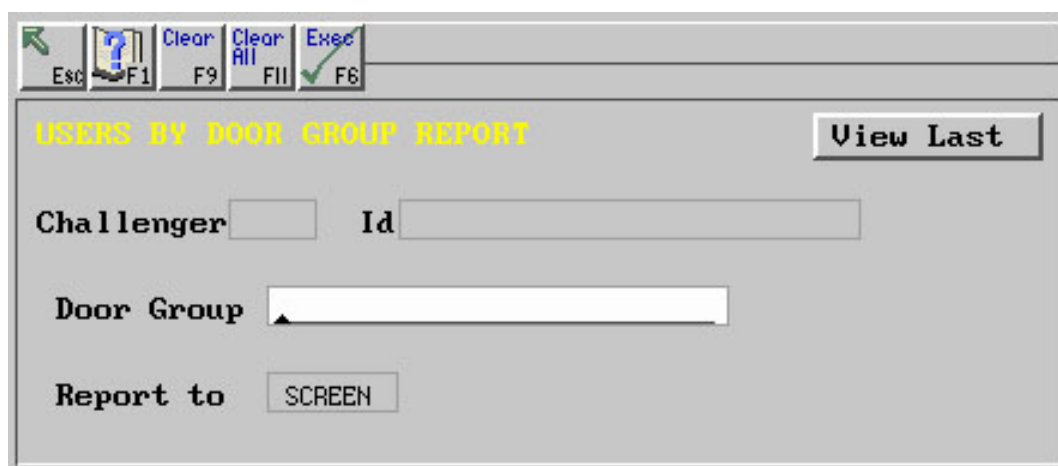
Select the appropriate Challenger.

Select the appropriate alarm group or leave blank for all alarm groups for the selected Challenger.

Users by Door Group

This report operates in a similar fashion to users by alarm group. Instead of selecting an alarm group, the operator selects a door group. A Challenger is selected first which defines the range of available door groups for the report.

Users by Door Group Screen



USERS BY DOOR GROUP REPORT View Last

Challenger Id

Door Group

Report to

Steps:

Select the Users/ Group Reports / Users by Door Group icon from the Group Reports menu.

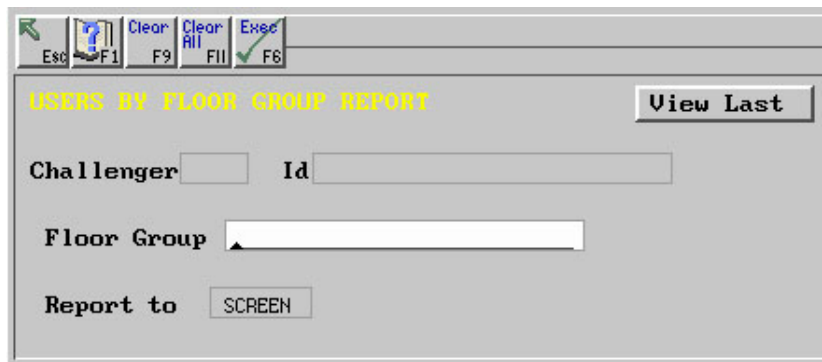
Select the appropriate Challenger.

Select the appropriate door group or leave blank for all alarm groups for the selected Challenger.

Users by Floor Group

This report operates in a similar fashion to users by alarm and door group. A Challenger is selected first which helps to limit the range of available floor groups for the report.

Users by Floor Group Screen

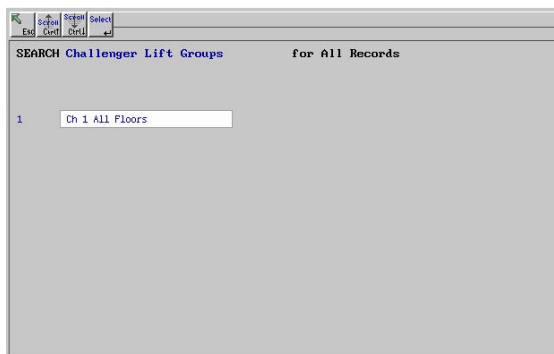


Steps:

Select the Users/ Group Reports / Users by Floor Group icon from the Group Reports menu.

Select the appropriate Challenger.

Select the appropriate floor group or leave blank for all alarm groups for the selected Challenger.



Select the appropriate floor group and click the left mouse button once on the **select** icon, press enter or **F5**

To view the report, click the right mouse button in the highlighted **Report to** field or press **F4**.

Select the appropriate option from the drop down options menu and press enter.

To execute the report, press **F6** or click the **exec** icon. A message from ARES will indicate when the report has been completed.

USERS MENU - USER ACCESS REPORTS

As staff changes occur it is helpful to be able to check the levels of access that new and existing staff have. Access to doors and floors can be reported on, as well as areas controlled by users. Because user situations change and staff levels are rarely constant, it is important to ensure that access levels are appropriate and kept up to date. Users movements can also be traced by generating a report based on the last reader a user accessed.

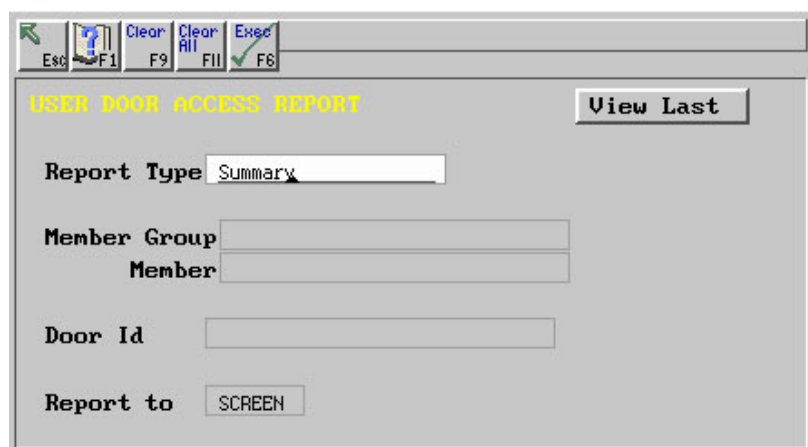
In this section of the manual you will learn to:



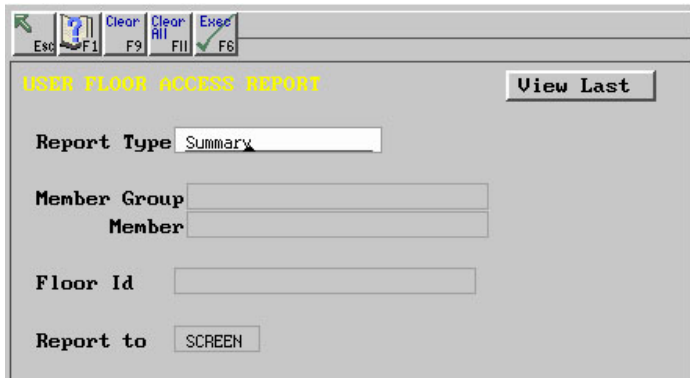
- * **Produce Door or Floor Access Reports.**
- * **Area Control and Muster Reports.**
- * **Last Access by a User Reports.**
- * **User by Region and User on Site Reports.**
- * **User Group List Report.**
- * **Change a User's Status.**
- * **Show a User's PIN.**

User Access Reports - Door/Floor Access Report

Door Access and Floor Access reports provide data on users who have access to specified doors or floors. Member groups and members can be selected to narrow the range of doors and floors that can be chosen. Reports can be generated in types from the **Report Type** field drop down option. Reports can be sent to screen or printer.



User Door Access Report



User Floor Access Report

TYPES:

LIST: Presents a List of Users giving:

User number
User name
User state
Start & Expiry Dates
and indication if the User has a PIN code.

SUMMARY: Presents a report giving two Users per page and displays the details as presented on the User Data Entry Screen.

DETAILED: Same as Summary plus also lists the Access Groups for the User.

EXPANDED: Same as Detailed plus gives details of Access Groups.

Steps:

Select the Users / User Access Reports / User Door Access or User Floor Access.

Select doors or floors to report on.

User Access Reports - Area Control Report

Area Control reports provide data on user control of specified areas. Member groups, members and/or area ID are used to select the areas on which the report will be based. Reports can be generated in types selected from a drop down options menu in the **Report Type** field and can be sent to the screen or printer.

Area Control Screen

TYPES:

LIST: Presents a List of Users giving:

User number
User name
User state
Start & Expiry Dates
and indication if the User has a PIN code.

SUMMARY: Presents a report giving two Users per page and displays the details as presented on the User Data Entry Screen.

DETAILED: Same as Summary plus also lists the Access Groups for the User.

EXPANDED: Same as Detailed plus gives details of Access Groups.

Steps:

Select the Users / User Access Reports / Area Control Report.

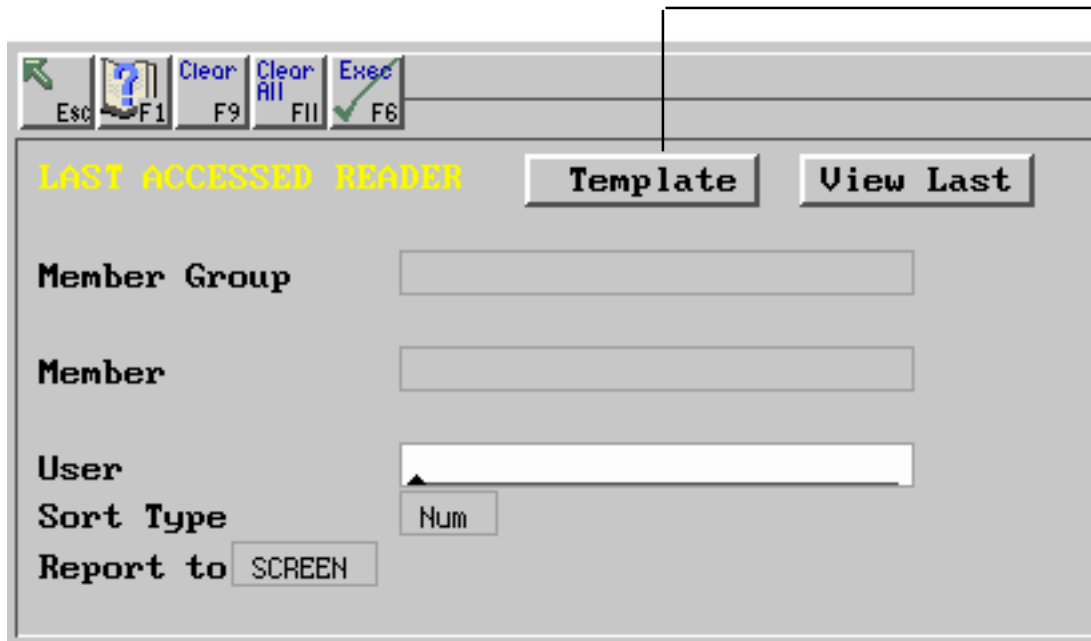
Select Area to report on.

User Access Reports - Last Access by a User

Last Access reports provide data on the last reader accessed by specified users. Member groups and/or members are used to narrow down the selection of users. User ID can be used to select specific users on which the report will be based. ARES reports can be sent to screen or printer.

Last Access by a User Screen

For Template information, see the Template Appendix.



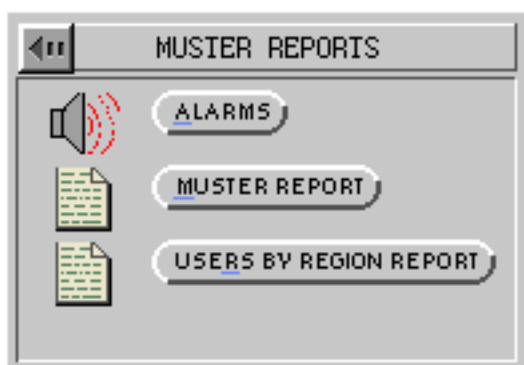
Steps:

Select the Users / User Access Reports / Last Access by a User.

Select the appropriate user (s).

To execute the report, press **F6** or click once with the left mouse button on the **exec** icon. A message from ARES will indicate when the report has been completed.

User - Muster Reports



The Muster Reports Menu lists users On-Site who have or have not badged at a Muster Reader within the last Muster Time (this time is programmable and is set in ARES configuration).

This is generally used for evacuation reports.

The Muster time is the time between when the report is initiated and the time the user badged at the muster reader.

For a reader to be a 'Muster' reader, it must be assigned a member called 'Muster'. (Note case.)

Muster Reports

Select the type of report required. You have two choices:

Those users who have Mustered or those users who have not Mustered.

Remember: Users who are Off Site (Region 0 is always considered off site) will not appear in the report.

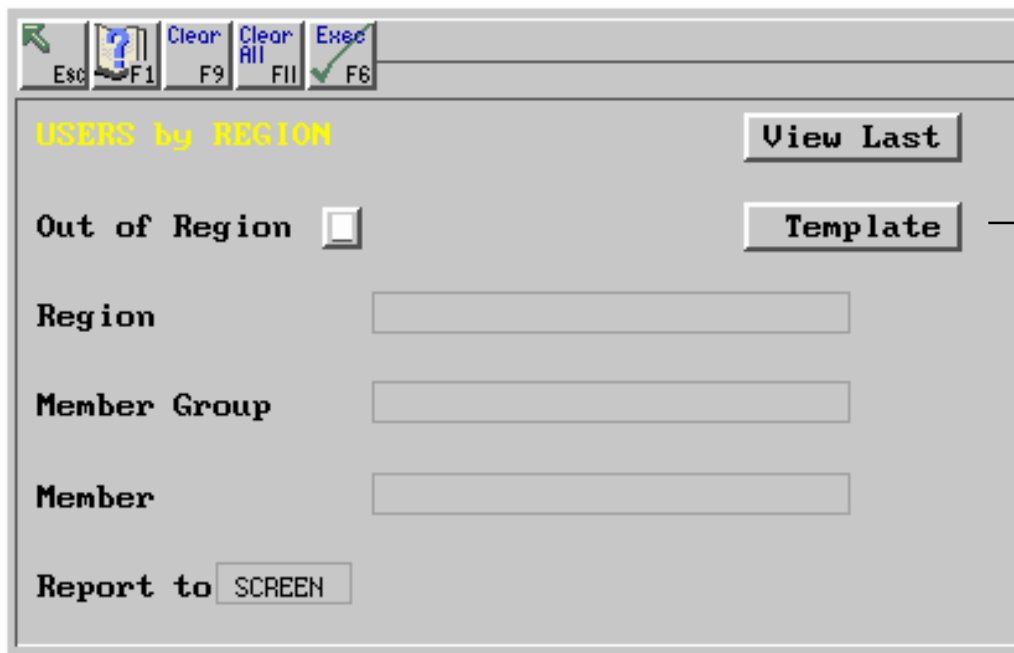


For Template
information,
see the
Template
Appendix.

User by Region Reports

These reports are used to locate users within regions. Regions differ from Challenger defined Areas, as they are linked to a location in a building that can only be accessed using a reader. The reader registers with the Challenger panel that a user has entered that region. To leave that same region a card has to be badged again to register with the Challenger panel that the user has left the region.

User by Region Reports Screen



For Template information, see the Template Appendix.

Steps:

- 1) Select the Users / Muster Report / User by Region icon from the Muster Reports menu.
- 2) Select a region.
- 3) Select a Member Group.
- 4) Select a Member. **Note:** Selecting a Member precludes selecting a Member Group.
- 5) To execute the report, press **F6** or click the **exec** icon. A message from ARES will indicate when the report has been completed.

User Group List Report

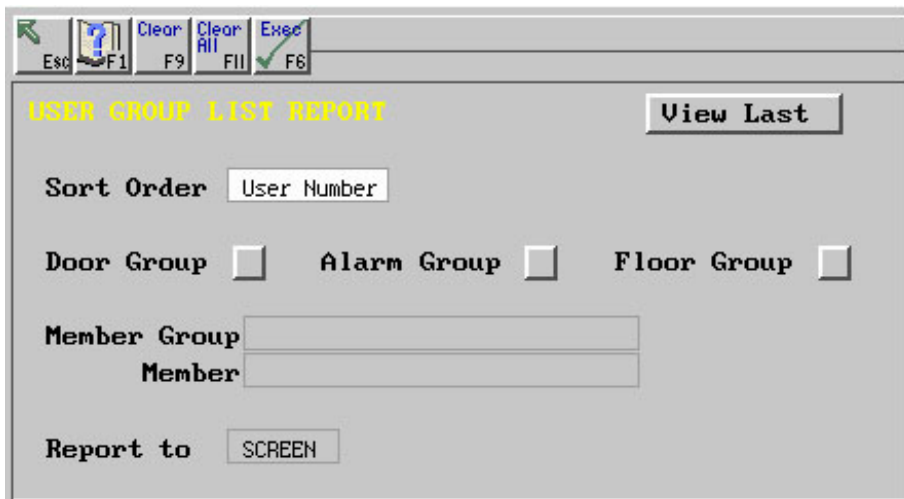
This report will show selected user status, start date and end dates. It will also show (if the correct boxes are checked) user alarm, and door and/or floor groups for each and every Challenger. User group list reports can be sorted to print in two ways from the **Sort Order** field:

User Number: Users can be sorted in numerical order based on the ID number given to each user.

User Name: Users can be sorted in alphabetical order based on the user's name.

As with all ARES reports, these reports can be sent to screen, printer or disk.

User Group List Report Screen



Steps:

- 1) Select the Users / User Group List Report.
- 2) Select a reporting order.
- 3) To select a report on users access to doors, alarms and floors, select the check box corresponding to the **Door Group**, **Alarm** and **Floor** field titles.
- 4) For users in a particular member group, select a Member Group.
- 5) Select a Member. Selecting a Member precludes selection of a Member Group.
- 6) To execute the report, press **F6** or click the **exec** icon. A message from ARES will indicate when the report has been completed.

User on Site Report

Produces a report of users who are registered as being on site. Generating such reports helps in monitoring traffic flow and receiving estimates of how many people are in a building at any one time. This report gives times users are on site per region and the total time on site for the given time frame.

NOTE: Times that are entered apply to Challengers **not** workstations.

User On Site Report Screen

For Template information, see the Template Appendix.

TYPES:

Summary: Lists Totals for each region visited.

Detailed: Lists all regions and duration for each time the User enters and leaves a region.

Totals: Lists only the total time without specific region times.

Steps:

- 1) Select the Users / User on Site Report.
- 2) In the **From** and **To** fields enter a time from which the report will start and end.
- 3) In the **Member Group** field select a Member Group to restrict the report to Users belonging to that Member Group.
- 4) Select a Member to restrict the report to Users of that Member. **NOTE:** Selecting a Member precludes selection of a Member Group.
- 5) Select individual users, or leave blank for all Users.
- 6) To execute the report, press **F6** or click the **exec** icon. A message from ARES will indicate when the report has been completed.

Change User Status

This enables the operator to change the status of any user in the Ares system. Although this can be achieved through the User (Card) maintenance screen, this screen only allows the operator to change the status. Ideal for operators who are not allowed access to modify user databases.

User Number

Use this field to search by user number.

User Name

Use this field to search by user name.

New Status

Select the new status type for the user.

NOTE: Changing a user's status can deny them access to the system. Because of this please take due care that you have selected the correct user.

Status Types:

Void - No longer able to access any part of the system. But will still exist in the Ares database.

Lost - No longer able to access any part of the system. Will generate a 'Lost Card' alarm if the card is badged on the system. But will still exist in the Ares database.

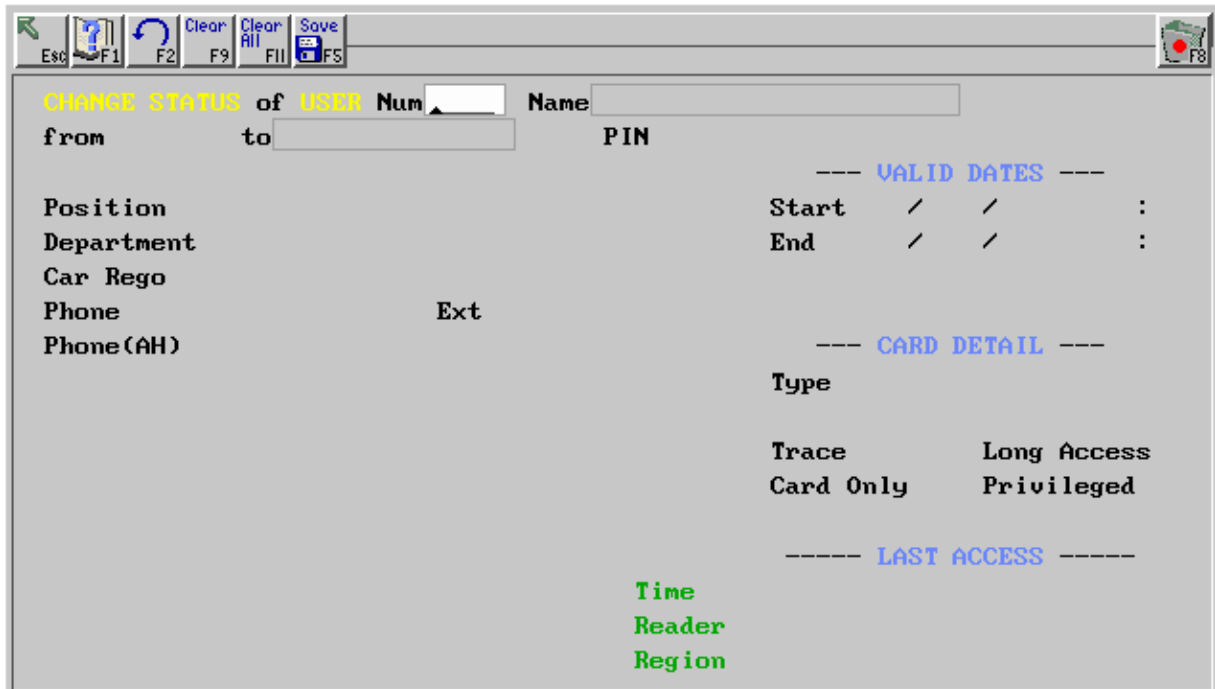
Expired - No longer able to access any part of the system. Will generate an 'Expired' alarm if the card is badged on the system. But will still exist in the Ares database.

Void & Off Site - As above, however now adds an event into history to log the user off site for various reports.

Lost & Off Site - As above, however now adds an event into history to log the user off site for various reports.

Expired & Off Site - As above, however now adds an event into history to log the user off site for various reports.

Off Site - Adds an event into history to log the user off site for various reports. This is used when the user is no longer on site, yet the system is indicating that the user still is. Normally due to the user not badging their card when leaving the premises.



CHANGE STATUS of USER Num Name

from to PIN

Position Start / / :
 Department End / / :
 Car Rego
 Phone Ext
 Phone (AH)

--- VALID DATES ---

--- CARD DETAIL ---

Type
 Trace Long Access
 Card Only Privileged

----- LAST ACCESS -----

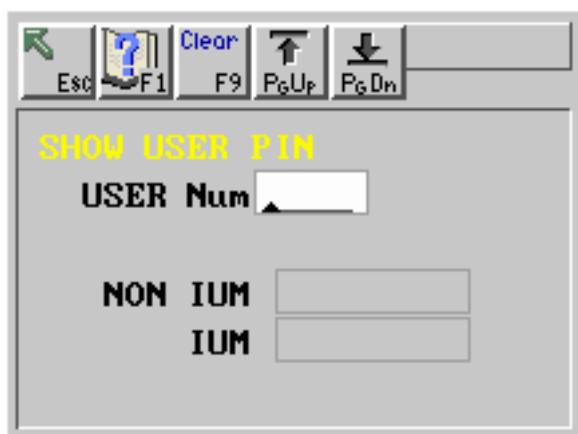
Time
 Reader
 Region

Show User PIN

If an operator's computer access level allows them to do so, this menu will permit the operator to view the user's pin code without having to go into the user maintenance screen.

NON IUM (Intelligent User Module): Challenger Users over 1000 are automatically allocated a PIN code and the pin code can be viewed here. Challenger Users under 1000 are programmable from the User Maintenance menu.

IUM: All Challenger Users are able to have programmed codes from the programmed User Maintenance menu.



Single User Download

This option will download one user to one specific Challenger. It is useful for Challengers that are connected as a 'dialler' and not direct connection. Select a User and a Challenger, then **Execute (F6)** the download. A User and Challenger must be selected.

