

ACCEPTNET CLIENT FOR CONCEPT PANELS OPERATOR'S MANUAL

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DATE : 1 DECEMBER 2004
VERSION : 2.5



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DOCUMENT INFORMATION

Author	Date	Version	Details
P Percival	2 June, 2000	0.1	Inception
P Percival	17 July 2000	0.2	Update in accordance with changes to the software.
P Percival	26 July 2000	1.0	Added Access Counting Section
P Percival	7 August 2000	1.1	Added Panel Status
P Percival	26 September 2000	1.2	Incorporate minor changes
P Percival	19 March 2001	2.0	Added instruction for Photo-ID and card management features.
P Percival	18 April 2001	2.1	Added documentation for user access reports, bar-codes support in card designer. Bring up to date with v2.3.0 software.
P Percival	14 June 2001	2.2	Added documentation in keeping with changes to AcptClient v2.4.#.
P Percival	14 September 2001	2.3	Reflect changes in preferences and review manager layout
P Percival	21 September 2001	2.4	Reflect changes inkeeping with v2.8.#
M. Lekias	1 December 2004	2.5	User editor & review manager changes

Last Printed: 28 August, 2006 - 1:34 PM

Last Saved: 12 May, 2005 - 2:42 PM

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1 GETTING STARTED

1.1 Things You Should Know

1.1.1 System Settings

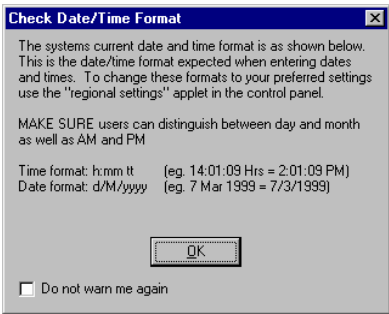
The format or way a date and time is displayed and the format it must be entered into any date fields of the Front-End applications is determined by the standard windows system settings. To modify these settings open the **Regional Settings** applet in the control panel. Select the **time** or **date** tab sheet and enter an appropriate date/time format.

1.1.1.1 Recommended Date and Time Settings:

- Short Date Style: d/M/yyyy (Australian/English date format of day/month/year - note that year will be displayed with four (4) digits - this is essential to avoid millennium confusion).
- Long Date Style: dddd, d MMMM yyyy. This is completely optional. Front-End relies on the short date style when displaying dates.
- Time Style: h:mm tt (**HH** or **H** for 24 hour time with or without leading zero [0], **tt** for am/pm symbol, **hh** or **h** for 12 hour time with or without leading zero [0])
- AM Symbol Usually **am** (optional - can use **a**, **PM** etc...)
- PM Symbol Usually **pm** (optional - can use **p**, **PM** etc...)

1.1.1.2 Startup Warning

The front-end software when started for the first time will display the following warning.



The time and date format displayed is as it currently appears in the time format field of the regional settings. The right hand sides of the examples indicate how the constant time/date on the left hand side will look while using the front end application. Tick the

Do not warn me again check box to hide the dialog on subsequent start-ups. The warning will be redisplayed whenever the software is reinstalled or upgraded.

1.1.2 Finding the Server

The server TCP/IP connection is defined in the *server setup* dialog which is invoked after entering valid user name and password information into the *login dialog*. Until a valid server connection is established the login will not be allowed and the client will not receive any alarm or broadcast messages from the server.

NOTE:

If the server settings appear to be correct but no connection can be established with the server then try restarting the client application. If the connection still fails then it is possible that connection has been disabled by a client, which has established *server control*, or by the administrator logged in to the server.

1.1.3 Software Support

Contact your software supplier for software support.

You are invited to submit fault reports by:

- 1) Facsimile to Professional Software Design P/L +61 8 9443 9878
- 2) Email to Accept@psdesign.com.au or CommPass@psdesign.com.au
- 3) Questions about the product may also be submitted to the above email addresses.

1.2 The Main Menu Bar

The menu bar and contents include the following items. The functions of these items are explained in the following relevant sections:

File

Exit

Exit the front end application by clicking on the exit button of the *main button bar* or selecting this menu item. You will be asked to confirm the exit.

Window

Cascade

All sizeable dialogs are re-drawn one in front of the other, cascaded with all title bars visible.

Tile

All sizeable dialogs are re-drawn so all are visible within the limits of the main window, no windows over-lapping.

Arrange Icons

All minimized dialog ICONS are arranged neatly at the bottom of the main window.

Security

(Visible when server option Enable Access Accounting is enabled, and permission enabled).

Watch Stats

Setup

Only available when server control established

Control

Lift Floors

Review

Custom

User access

Define Filter

Review Manager

Only available when server control established

Setup

Acknowledge Messages
Alarm Handling Messages
Change Password
Graphics
Preferences

Only available when server control established.

Card

(Visible when client Photo-ID license is enabled, and permission enabled).

Design
Lost & Found
Manage Pool

Admin

View Login Log
Restore Archived Review
View Restored Archive
Logout
Control/Relinquish Server

Operators
Permissions
(OR)
All Operators
All Permissions
Tenancy
Update States From Panel
Update States ALL Panels
Partial Upload
Partial Download
Upload From Panel
Upload ALL Panels
Download to Panel
Download ALL Panels

Only available when server control is relinquished.
Only available when server control is relinquished.

Only available when server control is established.
Only available when server control is established.

Help

About
Contents

1.3 Main Buttons

The main operation buttons in the system are show below. They duplicate some of the *main menu* functionality.



Click this button to access the *database navigator*.



Click this button to access the *Locale Diagram Editor*.



Click this button to view the area *mimic (enunciator) panel*



Click this button to view and *monitor a locale* graphic. The last locale opened will be displayed.



Click this button to view the last *review log* opened. If none was opened previously then all events will be displayed.



Click this button to *control* an entity (eg. area, input, auxiliary etc...). The last control dialog opened will be displayed.



This button will only become visible once an alarm event is processed by the front-end. An alarm is defined by settings visible in the *review manager* for each review event group. Clicking on this button will invoke the alarm log. The highest priority outstanding alarm will be displayed..



Click this button to logout from the front end. If you wish to login as a new user, click this button to force the current user to be logged out.



Click this button to exit the front-end software.

1.3.1 Cut Copy and Paste

The application uses the following standard cut, copy and paste buttons in other dialogs to given a user friendly button activated editing facilities.



Click on the cut button to remove the highlighted text or entity from the current edit field or diagram to the clipboard. The removed item can be subsequently pasted by clicking on the paste button.



Click on the copy button to copy the highlighted text or entity in the current edit field or diagram to the clipboard. The copied item can be subsequently pasted by clicking on the paste button. Be aware when pasting entities in *locale diagrams* that duplicate entities are not permitted.



Click on the paste button to paste the contents of the clipboard into the current edit field or diagram. You cannot paste diagram entities into text fields and vice versa. You can however paste text from other documents to this application.

1.4 The Status Bar

The status bar at the bottom of the main window gives information about system memory usage login state, date/time and operator name.

78%		8 Jun 1999 4:20:47 PM	Auto-logout DISABLED	Operator: INSTALLER / INSTALLER
Free Mem	Status Lights (Comms)	Date and Time	Help Hints	Login State
				Operator Name/Login Name and [Tenancy]

1.4.1 Login State

The login state will indicate NO SERVER if the client cannot make a connection with the server. This could be because:

- 1) The server is "down" or is not running or the network connection has been broken. Notify the system administrator.
- 2) The server is under exclusive control, by another client or the administrator/INSTALLER has logged into the server itself. Check with the system administrator to determine the status of the server.
- 3) The TCP/IP settings are incorrect for the client, ensure these are correct from the *login dialog*. You should only need to this once after the client is installed.
- 4) The connection has failed for some reason, in which case you should restart the client.

1.5 Date Entry

Dates are entered using the Date/Calendar drop down window or typing in the date (in a format consistent with the current Windows date/time formats defined within the

Regional Setting application of the **Control Panel** - refer to system settings in the section *Things you should know*. It is strongly recommended that the windows date format be extended to a 4 digit years to avoid any millennium confusion.

The drop down calender, invoked by clicking on the down arrow button associated with the date entry field, is shown below:



TIPS

- Select a day by clicking on any of the displayed day numbers. That day and displayed month/year becomes the selected date.
- Select the left arrow button to move the current date to the previous month.
- Select the right arrow button of a drop down calender to move the current date to the next month.
- The following key combinations can also be used when the calender is visible.

<page-down>	Increment the month
<page-up>	Decrement the month
<right-arrow>	Increment the day
<left-arrow>	Decrement the day
<Enter>	Highlighted day in current month/year becomes the selected date.
- Today's date (if visible) is always circled in red.
- The currently selected date is always highlighted.

1.6 Assigned Items

An Assigned Entity or Database record is one that has a non-default name or that has been modified using the appropriate DB editor within the front end software or is an entity/record that is referenced in some other panel programming section.

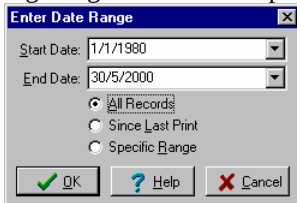
By selecting only assigned entities (if available) an operator can limit the number of entities viewed/displayed to just those entities that have been referenced in other programming. Thus making it easier to find entities from large lists or limiting the size of

a display. To unassign a record, clear it by clicking on the Clear button in the relevant **DB editor tool bar**

Select assigned items from the various check boxes of various screens to limit the amount of viewable data to just those entities that have been defined before. In other words ignore the empty unused records.

1.7 Date Range Input

The date range input dialog is used to enter start and end dates of the range for which login log data will be displayed in the **Login Log Dialog**.



TIPS

- Select the **All Records** radio button to set the event log date range to include all events between 1/1/1980 and the current system date. For example: If the current date is 8/5/1998 then activating "all records" will set the start date to 1/1/1980 and the end date to 8/5/1998 - regardless of the content of the operator login log.
- Select the **Since Last Print** option to set the start date to the last time an operator login log was printed. The end date is set to the current system date. When the event log is printed you will be asked to verify if the new print date is to be remembered for this reason.
- Select the **Specific Range** option and manually set the start date and end date to a range of days over which you would like to view the log information.
- For information on the start and end date input fields refer to the **date input** fields section.

1.8 About Box

The about box gives details about the application, the software developer as well as important version and release date information which *you should note when requesting support for this software.*



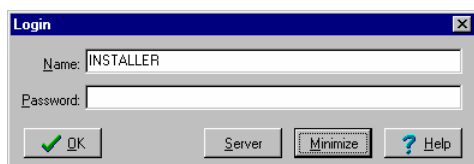
2 OPERATOR LOGIN

The AcptNet Client software application is secured from unauthorised access by operator account login protection. That means that only those operators that have been **given accounts** within the application can login to the application once their password is verified. The password is stored in a secure format, within the front end database.

The login screen is displayed whenever an operator logs out. Or whenever the application is started.

When the application is used for the first time a user account is created with a login name of INSTALLER and with a "factory-set" password of the name of the front-end product ie. "Accept". ***It is imperative that this password be changed as soon as possible*** to ensure the security of your system is not easily compromised.

If the "Login to exit Front-End" option has been ticked in the **preferences dialog** then the user must login to exit the front-end application...



Otherwise the number of retry attempts is limited by the Password Retry **Preference**. If an operator fails to login after the final retry attempt the application will be terminated.

The login **Name** is *case sensitive*. This should not be confused with the operators name. It is instead a type of nick name or abbreviation an operator is given to simplify his login specified in the operators account via the **operator setup dialog**.

The login **Password** is *case sensitive*. The password text is hidden so it cannot be read off the screen by on lookers (characters typed are replaced with asterisks * characters). If the operator has sufficient privilege he may change his password via the **change password dialog** from the setup **menu**.

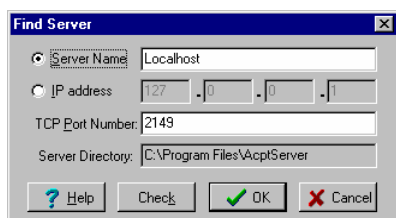
The **Minimize** button of the **operator login** screen causes the application to be minimized. While logged out the AcptNet Client is predominantly disabled only alarm update and limited alarm processing (for the default tenancy as defined in the **preferences setup dialog**).is enabled.

The **Server** button invokes the *server setup dialog*. From which a TCP/IP connection to the server can be modified.

2.1 Server Setup

You must enter a valid user name and password in the *login dialog* to activate the setup server dialog. The server setup dialog is used to specify the host name of the PC running the AcptNet Server or the IP address of that machine. The client application will "lookup" the IP address given the server name however you must check to ensure that the correct IP address was determined.

The TCP port number should not be changed and has been allocated for use by AcptNet by the Internet Assigned Numbers Authority (IANA). Any other TCP/IP applications using this port number should be closed down and reconfigured to use a different number. You can use a different port number if you wish however it must be consistently changed in all server and clients in the network.



If the server settings appear to be correct but no connection can be established with the server then try restarting the client application. If the connection still fails, then it is possible that connection has been disabled by a client which has established *server control* or by the administrator logged in to the server

2.2 Auto Login

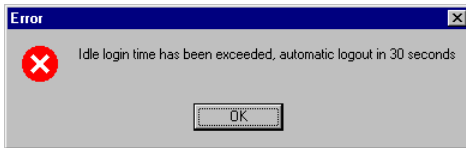
AcptClient can be configured to Automatically login a particular operator. The auto-login operator ID is entered in the client setup in the AcptNet Server and must be set as required for each individual AcptClient workstation expected to auto-login.

2.3 Auto Logout

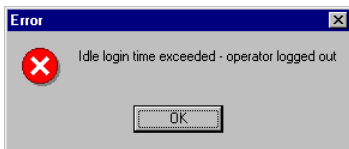
The auto logout feature of this software is enabled or disabled by the **Logout Idle Operator** option in the **Login/Out** page of the *Preferences Setup* dialog. Once the option is enabled (ticked) the current operator will be logged out once the application is deemed idle according to the value of the **Idle Time Limit (s)** field. The application will be deemed idle if there are no mouse clicks or key presses for the idle time within the

Front-End application. In addition to the idle limit there is a configurable grace period - value entered in the **Logout Grace Period (s)** field of the preferences. This is usually a smaller period of time granted to the idle operator to acknowledge the auto-logout timeout message. Once the first message is acknowledged the logout idle timer is reset. If he/she fails to acknowledge the first message, the operator will be logged out once the grace period expires.

The Logout grace message is as follows:



The logged out notification message is as follows:



Once the logout message is acknowledged the **login dialog** is displayed.

NOTE:

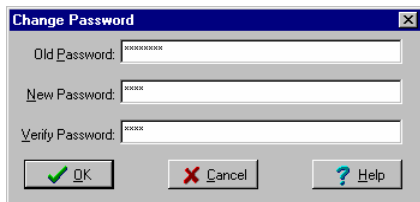
The auto logout option is ignored by forcible logouts generated at the AcptNet server or by another AcptNet client where server control is being established.

Logout may be delayed under some circumstances (eg. during open system dialogs or while waiting for operator input/selections during editing etc...). In that case if the total of the idle limit and grace period are exceeded, once the system/input dialogs are closed the operator will be logged out IMMEDIATELY. The **status bar** at the bottom of the main application window indicates the state of the login.

2.4 Changing The Current Operators Password

An operator should only change his/her own password using the Change Password Dialog, shown below. The installer (or operator with sufficient **permissions**) can additionally change the his own or the password of other operators via the **operator setup dialog**.

The password will only be changed provided the operator has successfully entered their current password in the **Old Password** field. The new password entered in the **New Password** field must be identical to the verified value entered in the **Verify Password** field before the new password will be accepted.

A screenshot of a 'Change Password' dialog box. The dialog has a title bar with the text 'Change Password' and a close button (X). Inside, there are three text input fields: 'Old Password:', 'New Password:', and 'Verify Password:'. Each field contains a series of asterisks (XXXXXX) to represent masked text. At the bottom of the dialog, there are three buttons: 'OK' with a green checkmark icon, 'Cancel' with a red X icon, and 'Help' with a blue question mark icon.

Hit OK to accept the new password, cancel to abort the change of password.

3 LOGGING OPERATOR EVENTS

Full operator logging is now supported. Each AcptNet client now logs control, database edits as well as login/logout and shutdown.

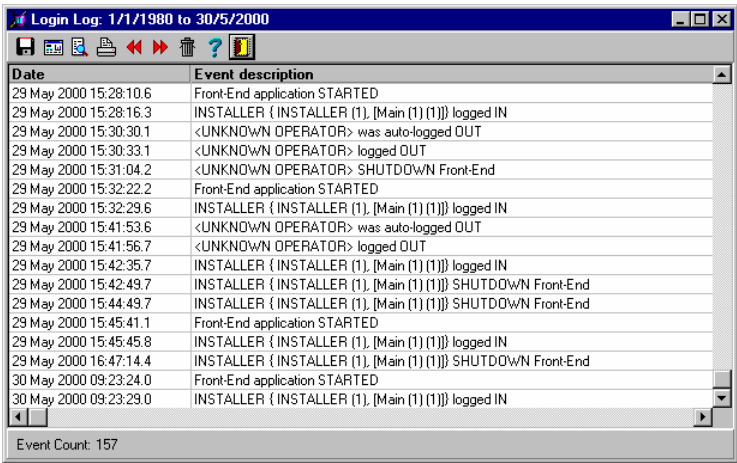
To log operator events to the review you must enable the “Log operator activity to review” option in the AcptServer client preferences, otherwise operator activity is logged locally to each client to the operator log as described below.

3.1 Operator Log

Every time an operator logs in, logs out, exits, controls a panel entity or edits a database the event is recorded in the operator log or review (depending on AcptServer client preferences). There is one operator log which is encrypted and stored locally on every AcptNet client machine. If the operator log is not being stored in review then you may select **View Login Log** from the *main menu* and enter the start and end dates in the ensuing *date range input dialog* to invoke the following dialogue and display the contents of the local operator log.

NOTE

Events are not stored in the local operator log if operator activity is setup to be stored in review.



Where the information is available the operator name, operator ID, operator's tenancy ID and tenancy name and the type of action is recorded in each event

TIPS

- Click on the ***print preview or print buttons*** to view the data as it would be printed or make a hard copy of the log respectively.
- Click on the save button to save the current grid view to a text file. The data is organised in the text file in the column and line order displayed in the grid.
- Click on the page setup dialog to invoke the ***margins/page setup dialog***.
- Click on the delete/clear button to remove the displayed events from the operator log. This will not empty the log completely, if the view is limited by a date range. Use this to periodically purge old and unwanted event data from the operator login log.

4 PANEL STATUS

The panel status can be viewed at any time and indicates whether a panel is on-line (connected) and initialised. An initialised panel is one for which version, memory structure and auto-review has been successfully read or set by the AcptNet server.

Pnl.ID	Pnl.Name	Pnl.Ver	Online	Init'd	Dnld'd	Upd'd	Device	Con.Type	Host Name	IP Address	TCP Service	Phone #
1	New Panel	v96.44	no	YES	YES	YES	WinSock	TCP/IP	GEORGE	203.38.54.122	4001	
2	Old Panel	v2.05	YES	YES	YES	YES	COM 5	Direct				
3	Spanking Pa...	v94.61	YES	YES	YES	YES	COM 7	Direct				
4	Invisible	v96.44	no	no	YES	YES	Standard Modem	Modem				94439878
5	Pretend	v96.44	YES	YES	YES	YES	Standard Modem	Modem				94439878
6	Voidax 2	v96.44	no	YES	YES	YES	Interlink Voidax	Modem				94439878
7	Voidax 8	v96.44	no	no	YES	YES	Interlink Voidax	Modem				94439878

Refresh Time (s): 5 ☒ Detailed Modem Process: Connecting Manually 7 Panels

86% 12 Sep 2000 10:17:24 AM Auto-logout DISABLED OP: INSTALLER / INSTALLER [Main (1)]

If a panel is not initialised then the exact structure of the memory configuration and possibly firmware version will not be known. Therefore if an uninitialised panel has not been downloaded successfully, previously, that panel will be unavailable for editing.

The status of the panel is checked periodically according to the value of the **Refresh Time** in seconds. If **Detailed** is not checked only the first 5 columns in the above table are displayed.

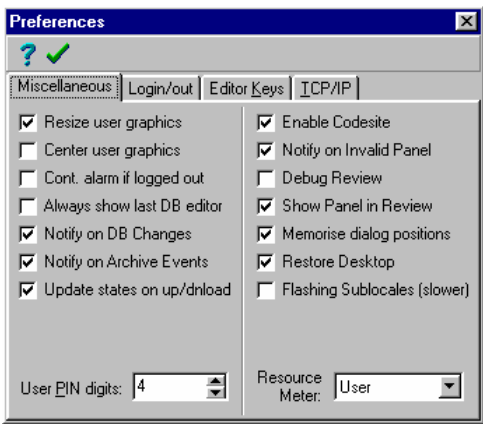
Note:

Modem connected panels are listed in italics while a dial in connection is in progress.

5 PREFERENCES SETUP

The preferences setup dialog is the dialog used to set various miscellaneous application preferences as shown below. Global system preferences that affect all tenants are only available at the AcptNet Server.

5.1 Miscellaneous



Resize User Graphics

When ticked (default) tells the Front-End to display all user graphics in the *user editor* or *user info dialog* and resize them so that they fit exactly in the image box provided. If the option is unticked the image will be displayed according to the physical size of the bitmap/jpeg image being used. This may be smaller or larger than the actual image box provided and will be centred if smaller otherwise the top left corner of the image will be displayed.

Centre User Graphics

When ticked user graphics are displayed centred in the editor and information dialogs. They are not stretched to fit the display square however.

Cont. Alarm if logged out

When checked (ticked), it enables alarm events to sound continuously while no operator is logged into the AcptNet client. Beware when the option is enabled, alarms can only be silenced after an operator logs in.

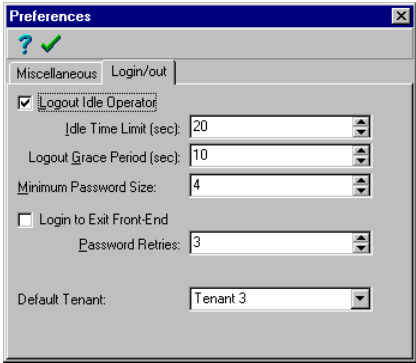
Always Show Last Editor	When checked (ticked) will cause the last editor used before the DB navigator was closed to be displayed automatically whenever the navigator is again invoked. If the option is not ticked the DB navigator only will be displayed.
Notify on DB changes	When checked (ticked), it enables messages from the server to be received by the AcptNet Client indicating that changes were made to the specified panel programming (by any tenant/operator) and were subsequently downloaded.
Notify on Archive Events	Determines whether a notification message is displayed whenever review is automatically archived by the AcptNet Client. Only the tenant whose review is archived is notified.
Update States on up/dnload	When ticked ensures that all entity states are updated from the panel(s) whenever panels are uploaded or downloaded from the client while under server control.
Enable Codesite	When checked (ticked) allows debug information (relevant only to PSD support) to be recorded by the codesite application (not supplied). You may be asked to install this application if problems occur in the AcptNet client that PSD support needs to analyse.
Notify On Invalid Panel	When ticked the panel status dialog or warning message is displayed after login or during database editing if an attempt is made to access a panel whose connection has not been established by the AcptServer.
Show Panel in Review	When ticked the panel ID in the form C00# is displayed in the review/archive log, indicating the panel that originated the review event.
Debug Review	When ticked an additional column will be made visible on the next opening of a review log/archive log. This debug column contains information that is most useful to developers and possibly installers who have some understanding of the event packet formats used to communication information from the panel to the Front-End. You should not need to enable this option.

Memorize Dialog Positions	When ticked, it forces the dialog positions of the locale, monitor, mimic panel, review/archive logs and alarm log dialogs to be saved when they are closed. When the dialogs are reopened, provided this option is enabled, the dialogs will be positioned and sized exactly as they were when they were closed.
Restore Desktop	When checked AcptClient will attempt to restore the desktop after either: taking server control; logging in after an auto-logout or general logout; after changing permissions. Only alarm/review logs, mimic panel, card designer, locale editor/monitor dialogs will be restored. Use this with the "Memorise dialog positions" option to restore the desktop as closely as possible.
Notify On Invalid Panel	When ticked the panel status dialog or warning message is displayed after login or during database editing if an attempt is made to access a panel whose connection has not been established by the AcptServer.
Flashing Sublocales (Slower)	When ticked locales links to locale diagrams that contain alarms will flash (invert then restore every second). On slow PC's this can use a noticeable amount of CPU resources.
User PIN Digits	Specify the minimum PIN length (number of digits) for generated PINs in the user editor. Personal Identification Numbers (PINs) in the Concept panel should be unique between users. They can be 1 to 8 digits long and are used to identify a user accessing the system. To ensure a panel unique PIN is allocated to a user click on the button at the right of the PIN field labelled by an ellipses (...) in the user editor. If the PIN is entered manually, uniqueness will be tested within the <i>current</i> panel before the data is saved. PIN visibility, and the ability to edit, can be controlled by the operators permission set.
Resource	The Resource Meter is displayed in the bottom left corner of the main screen status bar . From the

Miscellaneous page of the **Preferences Setup Dialog** choose the resource you would like to monitor from one of:

- ◆ System Resources - indicates the resources used/available to the whole system.
- ◆ User Resource - indicates the resources used/available to the current application
- ◆ GDI Resources - indicates the resources used/available to display windows and graphics
- ◆ Memory Allocation - indicates the virtual and real memory resources used/available

5.2 Login/Logout Settings



Logout Idle Operator

When checked, an *idle time limit* and *grace period* are used to time and limit an operators login period. The idle time limit is the amount of time the Front-End application is allowed to be inactive (no mouse clicks or key presses) before the grace period begins prior to the operator automatically being logged out. The grace period is the period of time after the first logoff warning after which the operator is forcible logout out.

For more information refer to the section **Auto-Logout**.

Minimum Password Size

Used to ensure operator passwords meet a minimum size requirement (and hence are more or less secure).

Larger passwords (more characters) are harder to break. By ensuring all operators conform to a minimum password size greater than four characters (for example) the probability of a hacker cracking a password is decreased as compared to a system where password sizes of 1 are permitted.

Login to Exit Front End

Used to change the way the **login dialog** behaves when the application is first started. When this option is enabled (ticked) operators will not be able to shutdown the application *until* they log-in. Note however that the **Password Retries** option is disabled. An unauthorised user can therefore attempt to login indefinitely and thus has more chance of breaking the password.

Password Retries

When visible, the value specified here determines the number of unsuccessful password attempts allowed at the **login dialog** before the application is shutdown, only applies if the **Login to Exit Front End** option is checked.

Default Tenant

This should be set appropriately for the tenant using the AcptNet client. In general a PC located with a tenants area would be used by operators with the same tenancy. Thus the default tenancy will be whatever the usual operator's tenancy is. Set the default tenancy correctly to ensure that alarm events received while logged out are specific to the current tenants security.

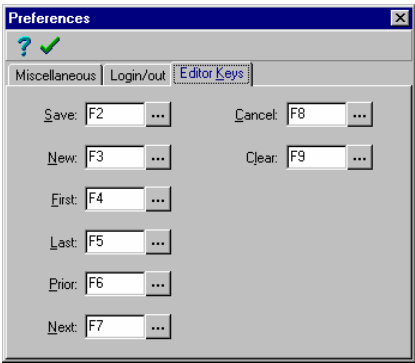
Preserve Entity Names

When checked forces all names of entities defined in the Front-End to be preserved across **uploads** from the panel regardless of changes to the names of the same entities in the panel. However if an entity is not named in the Front-End (has only the default name) then an upload will change the entity name to the name stored in the panel.

If name preservation is not enabled then all entity names will be uploaded as they exist in the panel. If the panel entity has no name then a default name (starting with "*"") will be derived by the Front-End. Entities that do not have names (like auxiliaries,

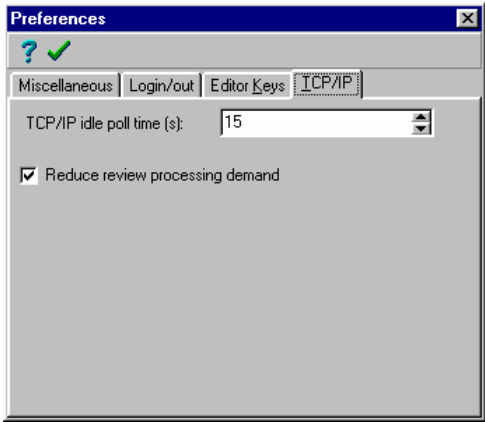
modules etc...) will revert to their default names after the upload.

5.3 Editor Key Assignments



Editor keys are only available from within any of the panel configuration editors invoked from the database navigator. Assignment of these keys to various operations can be changed by clicking on the ellipses button next to the process type then once prompted, simply hit the function key you wish to assign for the indicated operation. The key name will change in the edit box field indicating the key just pressed, you cannot assign a function key to more than 1 operation.

5.4 TCP/IP Settings



TCP/IP idle poll time(s)

The AcptNet client will poll the AcptNet server only when communication becomes idle for more than the specified time in seconds. This helps the system to detect Winsock and lower level TCP/IP errors.

Reduce review processing demand

When ticked the client will delay the triggering of more review notifications by the server by responding less frequently to them. This is particularly useful if the panel(s) generate large amounts of *frequent* review and it is impossible to process each event fully (by updateing graphics and displays) before the next review event is received from the Concept system.

6 CONTROLLING THE SERVER

An operator can take control of the AcptNet network by selecting **Admin|Control Server** in the *main menu* where *permissions* allow. Taking control will require all other AcptNet Clients to logout. Thereafter, those clients will be unable to login to AcptNet until after server control is relinquished - by selecting **Admin|Relinquish Server** from the main menu.

Once network/server control is established additional administrative features will become visible in the **Admin, Setup or Review** menus. Care must be taken to ensure that access to these features is limited, since use of these additional features can affect all tenants in the system, so should only be made available to the system administrator or INSTALLER.

6.1 Tenancy

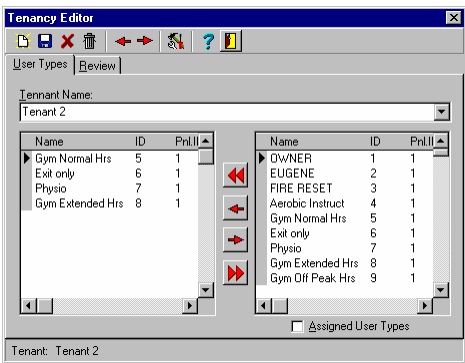
A tenancy defines and limits access to user/access programming and control by an operator.

Each operator must be assigned a tenancy in the *permission setup* dialog.

6.1.1 User Type List

Use the tenancy setup dialog below to define which user-types are to be reserved for use by a tenancy. These user-types may be shared across tenancies, in which case, user, list or access information will be shared by those tenants. User types that are not shared are only visible by the operator/tenant whose tenancy includes them.

User types that are not assigned to a tenancy will be visible by all tenants.



Assigning user types to a tenant also restricts access by other tenants to areas, area lists, doors, door lists, lifts, lift lists, time zones, floors and floor lists associated with the user types allocated. However, note, user types can be shared with other tenants thus access to associated entities is also shared amongst those tenants.

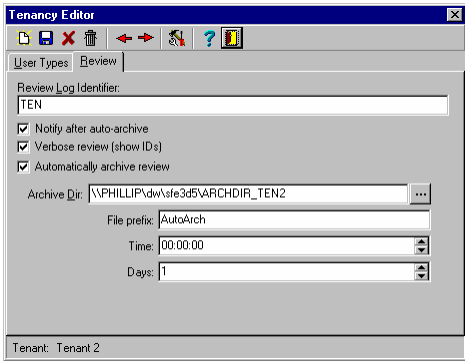
6.1.2 Timezones, Holidays, Diaries, Homezones, HomeAux's

In addition to restricting entities pertaining directly to a user type, it is also possible to restrict access by other tenancies to additional time-zones, holidays, diaries, home zones (inputs) and home auxiliaries (outputs).

Allocating the entities listed in the right hand side list box into the left hand side list box reserves those entities to the current tenant record. Thus anything added to the current tenant cannot be viewed/edited by operators logging in on other tenancies unless the entity is shared between the tenants.

6.1.3 Review Settings

Each tenant must have a review log identifier and archive directory allocated. The review log identifier is used to help uniquely identify the review log file created and managed by the AcptNet Server. The archive directory can only be changed at the AcptNet Server, however the directory path can be viewed here.



6.1.4 Options

- The **Verbose Review (show IDs)** option partly determines the contents of the review text. When enabled the **review text** will contain additional entity information (user IDs, auxiliary codes etc...) as well as the entities panel names and full front-end allocated names. The extra information usually appears in brackets in the review log text next to the entity value.

6.1.5 Review Archiving

- Stipulate a time in the **Time** field of the preferences at which an archive is to be performed and a day period in the **Days** field after which each archive should be created. For busy sites receiving lots of review (> 4000 per day) this day period value should be set to 1. If the front-end is not active when the archive time is reached, an automatic archive will be attempted immediately the front-end is restarted.
- The **File prefix** (by default "AutoArch") is required and will be concatenated with a date string to name the destination archive file. Archive files are stored in the directory delegated as the archive directory in the **Archive Dir** input field. The file prefix can only be changed at the AcptNet Server.

Archive files have a filename of the form: **AutoArch(yyyymmdd-zzzznnee).ach**

where **yyyy** is the year of the first review event in the active log
 mm is the month of the first review event in the active log
 dd is the day of the first review event in the active log
 zzzz is the year the file was created
 nn is the month the file was created
 dd is the day the file was created.
 and the file prefix is "AutoArch"

NOTE:

Archive frequently. Do not let a tenants review log grow out of control. A large review log will be slow to load and place unnecessarily large demands on system resources.

6.1.6 Building Tenancy

Activate the build tenancy button (left of the help button) of the **tenancy setup dialog** to request the current tenancy mapping be updated according to the changes made in any of the tenancy definitions. The tenancy is automatically rebuilt when the tenancy setup dialog is closed. Alternatively the operator may initiate a tenancy build manually before the dialog is closed. Operator/tenant access to editor records will only be updated once a tenancy build has completed successfully.

NOTE:

Editing a tenants user types does NOT affect that operators or any other operator's tenancies, you must specifically build the tenancy to apply changes to operator access.

6.2 Operator Setup

In order for an operator to be recognised by the Front-End application, his details must be registered. A login name, password and personal details should be entered to identify the user. Suitable *permissions* for that user should also be decided. The tenancy information cannot be changed and is selected with the permission set.

Enter the operator's real name in the **First Name** and **Last Name** fields. Select from the existing list of operators by clicking on the drop down arrow to the right of either input field and selecting an operator from the list. Change the name of an existing operator by editing the name fields.

Click on the new button to create a new Front-End operator.

Personal operator Information includes address, country, state zip etc... These are entered into the **address, city, state, zip, extra 1, extra 2** fields. While they are not compulsory, they are recommended. The **extra** information fields are provided to allow registration of any relevant information about an operator (eg. car registration number, social security number, telephone number etc...).

The **Permission set** field when enabled allows the *permission set* for an operator to be allocated the "+" button to the right when activated will invoke the *permission set dialog*.

A permission set determines the tenancy (displayed in the read-only **Tenancy** field) for the operator.

Operator clear password button (**X**) is provided to allow clearing of an operator's password. If you do not clear the operator's password or enter a new one in the password and verify password fields of the dialog the existing password for that user will not be changed. An operator should always be given a lengthy password to ensure the security of the application and its data.

The password will only be changed provided the operator has entered the identical string in both the **Password** and **Verify** fields. The password entered overwrites the edited operator's current password immediately the data is saved. Use the ***change password dialog*** to change your last login password.

NOTE:

If server control has been established at this client, then all operators will be visible from this dialog, otherwise only those operators with the same tenancy will be visible and it will only be possible to create new operators with permission sets pertaining to the current operator's tenancy.

6.3 Permissions

A permission set determines which part (functions) of the front-end application, a particular operator can access. Setup a unique permission set for every operator individually or for a group of operators to ensure that unauthorised or accidental access of important settings or information is avoided.

A permission set also determines which tenancy it is to be used by. Thus an operator's tenancy is determined by the permission set given to his/her account

Create a permission set using the ***permission set dialog***.

6.3.1 Permission Set Dialog

A tick in the appropriate feature listed in each page of the dialog means that operators with this permission set will have access to that feature when they login to the front-end.

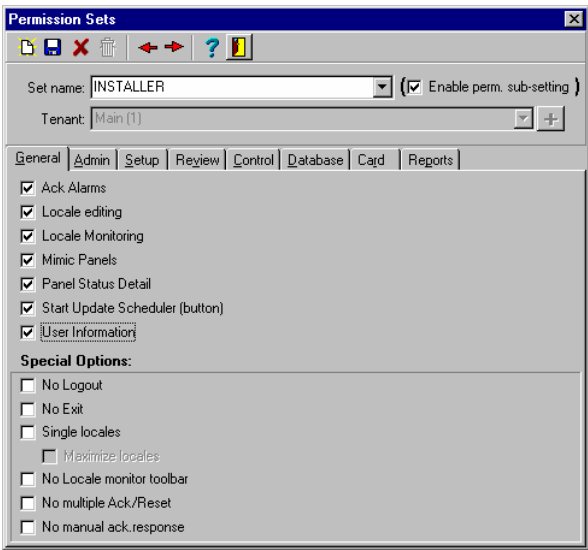
If an option is disabled (greyed out) then this may be because the current operator does not have permission to access this feature and thus cannot give access to other operators or modify the permission's of operators with greater access.

When ***server control*** is established the permission set dialog will allow access to all permission sets in the AcptNet system for all tenants a new permission set may be

assigned any tenancy. Otherwise only those permission sets that share the current operator's tenancy will be visible and new permission sets will be created with the same tenancy.

6.3.1.1 General Permissions

Limit access to basic functions within the AcptNet Client



6.3.2 Special options

- No Logout

If ticked the operator may not logout of the application, the logout button will not be visible
- No Exit

If ticked the operator may not exit the application, the exit button in the main toolbar will not be visible.
- Single Locales

If ticked, only 1 (single) locale monitor dialog will be displayed. The dialog will be refreshed and or new diagram shown within the open locale monitor when processing alarms.
- Maximize locales

If ticked the locale diagram is displayed in full screen mode. This is particularly useful where the client is being used only to monitor and control security.

Normally most other options (editing, review log viewing etc...) would also be denied in the permission set when using the system in this way.

No Multiple Ack/Reset

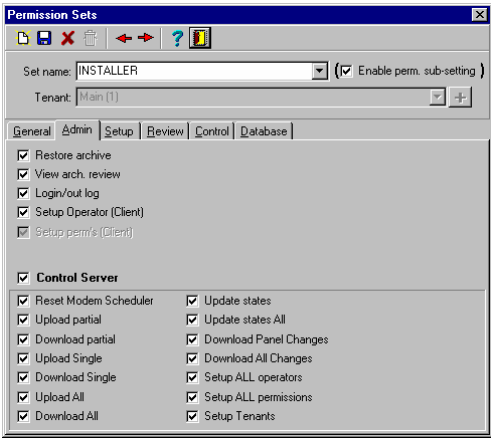
If ticked the operator will not be allowed to select multiple (more than 1) alarm from the alarm log for acknowledgment or reset. That is each alarm must be acknowledged/reset one at a time.

No Manual Ack.Response

If ticked the operator will not be allowed to enter a typed message when acknowledging alarms. Instead the predefined acknowledgment-response list will be presented from which a response must be chosen.

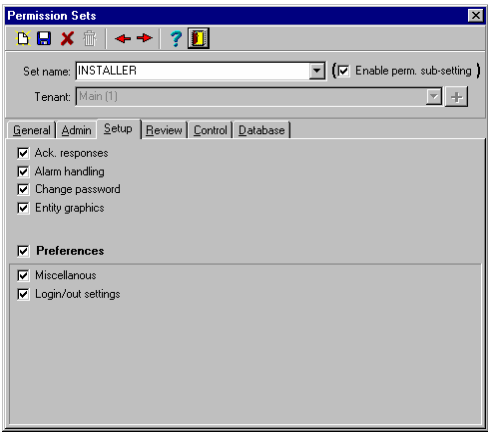
6.3.2.1 Administration

Limit access to functions/features available in the **Admin** menu. The "**Control Server**" option is NOT set by default. Tick this item to enable the **Control Server** feature, in general however this should not be necessary once the system is commissioned and administration should be undertaken at the AcptNet Server.



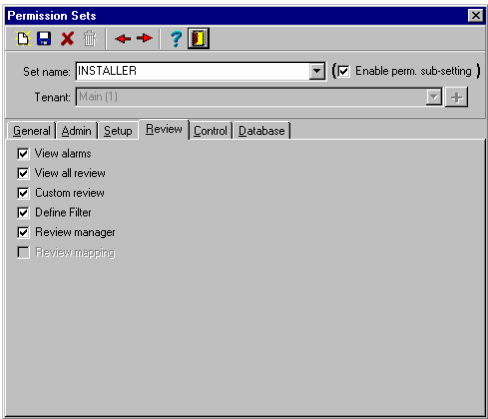
6.3.2.2 Setup.

Limit features available in the **Setup** menu and *Preferences dialog*



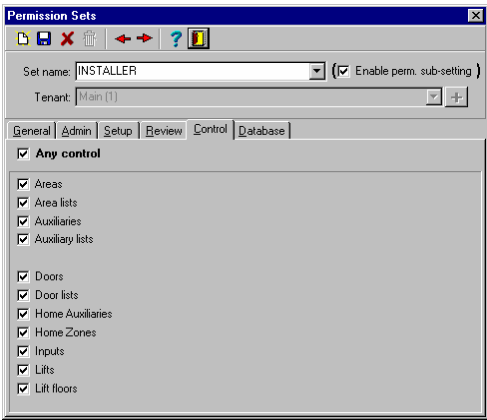
6.3.2.3 Review

Limits access to review and review logs menu features.



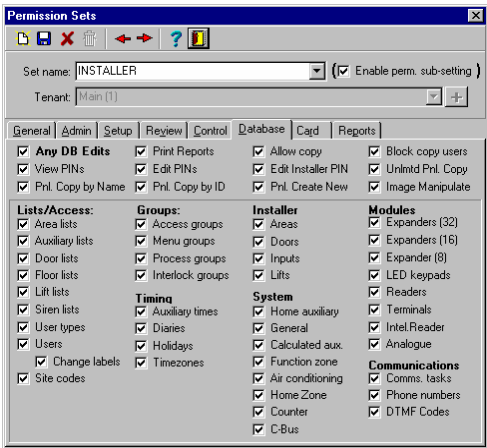
6.3.2.4 Control

Limits access to the Control menu items.



6.3.2.5 Database Editing - Database navigator

The **Any Database ed's** option when de-selected (unticked) overrides all of the other options in this page - no database editing is therefore permitted.



6.3.3 Installer Permissions

The installer Permission Set dialog is different in that an extra field is visible next to the set name input box **Enable perm. sub-setting**. When ticked (default) all permission sets

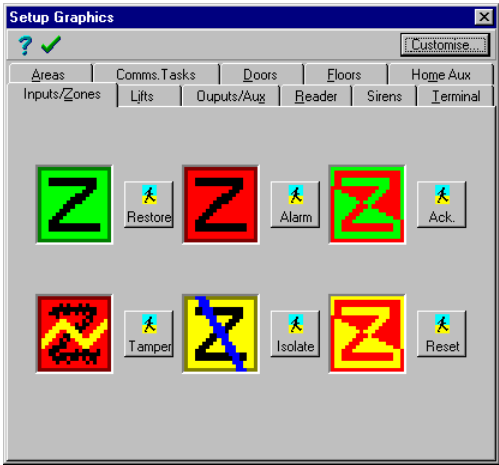
created by an operator can only ever be subsets of the installer permission set "Full Access- Installer". The installer can use this to disable DB features (for example), from all subsequent users of the front-end, in the "Full Access - Installer" permission set prior to commissioning of the system. Thereafter and provided the **Enable perm. sub setting** option is ticked, the customer will not be able to create a permission set "better" than the installers permission set, the permission options that are unticked in the "Full Access - Installer" set will be disabled in any subsequent permission sets created. The installer must ensure however that the "Full Access - Installer" set and all other permission sets do NOT enable the features the installer is trying to secure permanently from the customer.

An operator (not the INSTALLER) cannot delete or modify the first (INSTALLER) permission set - nor can the operator delete the permission set they are currently logged in on.

When the **Enable perm. sub setting** feature is NOT ticked an operator with permissions to set up permissions can create a permission set enabling all features regardless of the installers "Full Access" permission settings.

6.4 Entity Graphics Setup

The icons used in the AcptNet Client locale diagrams and control feedback dialogs can be specified using the graphics setup dialog below. After logging in select **Setup | Graphics** from the extended menu. The icon graphics are applied to all tenant and client diagrams in the system and represent the default graphics used commonly by all entities (where no customised graphics have been defined).

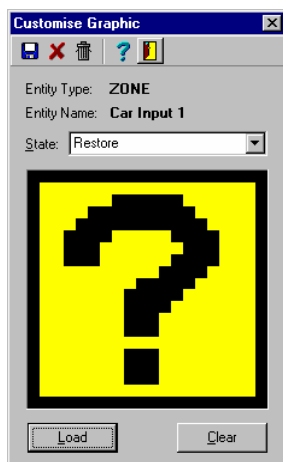


Activate the button to the right of the displayed icon to invoke a file explorer system dialog. Choose a bitmap graphic file to replace the current icon.

The reset graphic state (when available) is only displayed if Reset/Acknowledge processing is enable in the AcptNet Server. This is also only available if the enhanced alarm processing has been licensed via the AcptServer's hardware key.

6.4.1 Customising Entity State Graphics

To customise a particular entity within the system, click on the customise to invoke a list dialog for all entities relevant to the entity type of the current graphics page. Chose an entity for which specific graphics need to be assigned for any or all of that entities possible states.



For the selected entity a number of specific graphics may be defined depending on the state selected via the "State" drop down list. Thus instead of the default state graphics of the main graphics setup dialog above, when that specific entity changes state any of the graphics entered within this dialog will be displayed in locale or control dialogs at the AcptNet Client.

NOTE:

Areas and zones have an additional non-physical state. The additional state is the "AcptNet-Acknowledgeable-Alarm" state. When displayed at the AcptNet Client it indicates that the specific area or zone has triggered an AcptNet alarm and an acknowledgment is required, once an acknowledgment is received the entity graphic will indicate the actual physical state.

6.5 Updating States

The state of the various system entities (ares, doors, auxiliaries, zones) can be uploaded from the panel at any time from the **Admin** menu **Update States From Panel** or **Update States ALL panels** items. Generally however you should not need to do this manually. The current entity states are maintained by the panel and states are updated automatically in the front-end database when review event data is received from the panel.

The following dialog will be displayed while updating states information from a single panel...



Or when updating states from ALL panels



NOTE:

NON control module input states uploaded from the panel may not be valid. To ensure that an input state is accurate, assign the panel input to an area and turn the area on. Creating an area definition (called "Front-End States" for example) is a useful idea. Turn off the appropriate alarm triggering at the panel to ensure input tampers and alarms are not reported to the other Comms.Tasks. You may need to modify the review manager entry for input triggers or define a specific criteria in the front-end to ensure that the subsequent input events do not result in unnecessary alarms.

6.6 Uploading or Backing Up Panel Data

Panel data is uploaded to the Front-End front end for reference by the front end database editors and security functions. You may upload data from a single panel or from all

panels at once. Only once all panels connected to the system have been uploaded successfully will the database be deemed valid and the front-end functions enabled.

If uploading all panels and provided the update states after up/dnload option in the ***preferences setup dialog*** has been ticked an ***update entity states*** (states of all doors, areas, inputs, auxiliaries etc...) is initiated.

The Abort Button when clicked in the "please wait dialog" terminates the current process. If an ***upload*** is aborted prematurely many of the application functions will be disabled because the database panel data has been deemed invalid.

6.7 Downloading or Restoring Data To Panels

Panel data can be downloaded from the Front-End front end to the panel. You may download data to a single panel or to all panels at once - particularly after the database has been restored.

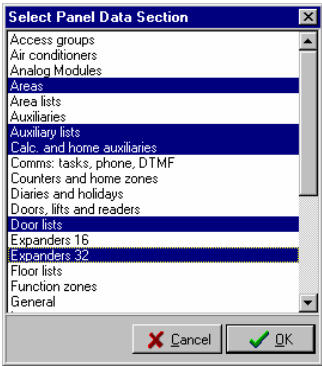
If downloading all panels and provided the update states after up/dnload option in the ***preferences setup dialog*** has been ticked an ***update entity states*** (states of all doors, areas, inputs, auxiliaries etc...) is initiated.

6.7.1 Downloading Changes

To ensure that any outstanding DB changes are downloaded to the panels chose **Admin | Download Panel Changes** or **Admin | Download ALL changes** from the Admin menu after establishing server control. To download changes to a specific panel chose the former options otherwise changes are downloaded and checked for every panel connected to the AcptNet server.

6.8 Upload/Download Partial Panel Data

A partial upload or download of various panel data sections is available. Select the **Upload Partial Panel Data** or **Download Partial Panel Data** item from the **Admin** menu and select the panel then the data sections you would like to upload/download from the ensuing list dialog. You may select multiple data sections by holding the **Shift** or **Ctrl** key down while clicking on a list item. Activate OK when a selection has been made, the up/download will proceed.



7 CONTROL DIALOG

The control dialog lists all of the controllable entities for the chosen entity type. The dialog allows manual control (activating, deactivating, isolating etc...) of the entities listed. Double click on a list item to invoke the *Control Feedback Dialog* or right mouse click to bring up a pop-up menu to control the items whose states appear in the right most column. Version 2 panels will not show any home zone entities.

The following dialog will displayed for most control functions:

Select AREA

Search:

Order By: ID

Module: <ANY>

☒ Assigned

Pnl.Id	ID	Name	State
1	1	AR1*	CLOSE
1	3	AR3*	CLOSE
1	4	AR4*	CLOSE
1	8	AR8*	CLOSE
2	1	AR1*	OPEN
2	2	AR2*	OPEN
2	3	AR3*	CLOSE
2	4	AR4*	OPEN
2	5	AR5*	OPEN
2	6	AR6*	OPEN
2	7	AR7*	OPEN
2	8	AR8*	OPEN
2	13	AR13*	CLOSE
2	14	AR14*	OPEN
3	1	AR1*	CLOSE

Help

15 Items

OK

Cancel

Auxiliary and Input Control dialogs allow an additional module value to be specified as follows. Selecting a module other than "<Any>" limits the list to just those items specific to the module/panel selected.

Select ZONE

Search:

Order By: Module/Code

Module: TM1*(C01)

☐ Assigned

Pnl.Id	Code	Name	State
1	T01:Z01	T01:Z01*	RESTORE
1	T01:Z02	T01:Z02*	ALARM
1	T01:S01	Cabinet Tamper (T01)	ISOLATE
1	T01:S02	Panic (T01)	ISOLATE
1	T01:S03	Door forced (T01)	ISOLATE
1	T01:S04	Door open too long (T01)	RESTORE
1	T01:S05	Operator Duress (T01)	RESTORE
1	T01:S06	Deadman (T01)	RESTORE
1	T01:S07	Too Many Tries (T01)	RESTORE
1	T01:S08	LAN Comms (T01)	RESTORE

Help

10 Items

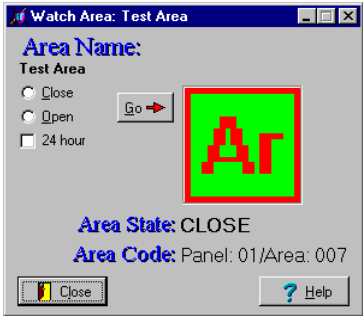
OK

Cancel

7.1 Control Feedback

A maximum of 10 control feedback dialogs can be displayed at any one time. They cannot be hidden. Use the feedback dialog to change the current state of the indicated entity (door, area, input etc...) and witness changes to that entity as they occur in the associated panel.

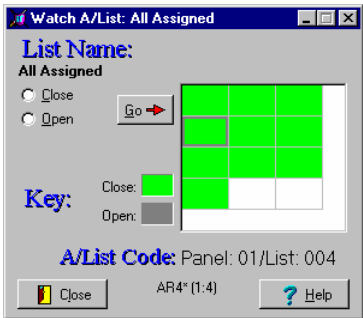
7.1.1 Single Entity Control



The icon displayed is the graphic assigned using the *graphic setup dialog*.

7.1.2 List Control

When controlling entity lists area lists, door lists and lifts a grid is displayed as per the following example:



TIPS

- Click on one of the state radio buttons to specify the desired state of the indicated entity.

- Click on the **Go** button when ready to apply the change of state. A successful change of state will be demonstrated by a change in the entity graphic and state description text in the feedback dialog

NOTE:

- Changing the 24Hr state of an area however will not change the physical state of an area and hence the graphic will not change - a review event is received indicating when the 24hr part of an area is opened.
- The grid (when controlling lists etc...) is used to visualise the states of all the areas/door/floors etc... that belong to a list. The colour of each square in the grid indicates the states of each entity in the list, according to the key.
- The State Colour Key indicates the colour displayed in the mimic panel (and review log/list) against each of the possible area or input states. Double click on any of the coloured squares to customise the colour. The alarm and tamper state colours are used to indicate alarms and tamper event in the review log.

8 WHAT IS REVIEW

Review is log information sent by the Concept control panel to the front end application. It contains information about security violations (break-ins) user access and general system details.

Every review event sent by the panel is a datagram (NOT text) that contains information fields applicable to that event. Not all review events deliver the same type or content of information however two or more review events that deliver the same number and type of information fields are said to belong to a review event type or event group. The review manager allows processing, text and alarm priority to be assigned to each event type.

For Example: The "user access door" event sent by the panel is a specific datagram that contains, user ID, door ID, access value (PIN/CARD) and a success/fail value (GRANTED/DENIED). Additionally the users CARD number can be determined (at the front-end) from the user ID and thus card information is also available within this review event type. The affected entity is the door that is accessed.

Now all doors accessed by any user (regardless of which user and which door) will be sent using the same "User access door" event type format. Hence those review events all belong to the "User access door" event type.

8.1 How to Use a Review Process

The review process for a particular review event type or group is configured using the *review manager*.

8.1.1 Event Groups or Event Types

Every binary review event (10 bytes) sent by the panel belongs to a group. Each group implies a fixed byte format. The information in the raw bytes of a review event are broken down into information items according to the byte format rules for each group. Those information items are then filtered and acted upon according to the specifications of a review process. There is only one review process per review event group and this process tells Front-End how to process the review event. The assignment of the review process to each review event group is fixed and cannot be changed.

For example: When a user accesses a door by a card at a reader an event will be sent by the panel to Front-End. The type and format of the bytes of the review sent belong to a user-door-access review group. Hence the "User access door" default review process will be used to process the event as that is the process assigned permanently to this type of review.

The review process therefore allows a priority and text to be assigned to all events belonging to the underlying review event group, as well as sound and actions. Remember however that the review process applies to a group of review events hence in the example for user-door-access events all card user access through any door will be process identically. That is the format of the **output text**, any sound and the priority will be same. Note however that the text strings may change slightly if variables are used in the review process string.

As discussed above an event in an event group contains several information items. These items can be different for each review event in the same group, hence a review message like "User accessed a door" in the review text part of the review manager dialog would not be suitable for every door and user in the installation. Thus variables are permitted in the review text to tell the front-end software to insert the appropriate information. Now a user access door event contains, panel ID, door (affected entity), user ID, access information (access by card/pin etc...) and error value and an action (denied, granted), thus only 6 variables will be recognised. The variables can be inserted by using the add/modify button when editing text. Each variable is delimited by a % to help distinguish them from the static parts of the message.

8.1.2 Specific Events

While processing of a review event according to it's group is efficient it does not allow for tailoring of the system to a specific review event. A specific review event might be one that occurs at a particular door or by a particular user.

For a specific event the generalised event-group review process may not be adequate to describe the actions to take or the apply an alarm priority appropriately.

For example: A user accesses the stationary cupboard via a card reader. Under the applicable event-group review process the system assigns no priority (it is not an alarm event) and the derived review event text is black on white (window text on window background) - depending on your desktop's colour scheme.

Now a company may decide, that, there have been a number of excessive withdrawals from that cupboard and would like to monitor accesses to this cupboard as a low priority alarm, so that the guard who is positioned appropriately knows when the cupboard is being accessed and watch it more closely during those times.

Obviously setting the priority on the "User access door" process would not be a solution as every door being accessed through-out the day would result in an alarm which the security guard must eventually acknowledge and discard. The solution therefore is to leave the user-access door review process as it is but set up **specific review criterion** under

the "User access door" review process that defines the door being accessed. Like a review filter the values assigned in the review criterion must match the review event being sought.

For the above example therefore under the "User access door" review process go to the **Specific Criteria** page in the *review manager* and click on the **Define** button. The ensuing *criterion setup dialog* shows several information field names in two columns. As discussed above a user access door event contains, panel ID, door (affected entity), user ID, access information (access by card/pin etc...), an error value and an action (denied, granted). By selecting the appropriate values for these fields we can specify exactly which review event (or events) we wish to "trap" and process it separately according to the process settings defined in the **Specific Criteria** page.

In the case of the stationery cupboard scenario, we can set the affected entity ID field to the door ID for the stationery cupboard (check the **Affected Ent.ID** check box to enable selection), and the action to "granted" (check the **Action** check box to enable selection).

Once the criterion is defined and upon returning to the **Specific Criteria** page of the review manager, the process options will be visible. These process options will apply to the criterion just defined - and *only* that criterion. Now set the priority to "Low" and the "Sound WAV file" to a suitable file name. Set the review text to "User %user% has accessed the stationery cupboard" and choose an appropriate text colour.

Thus whenever a user successfully accesses the stationery cupboard a low priority alarm will sound and coloured text will appear as defined in the review manager. Only that review event will be processed in this way. Unsuccessful accesses to the stationery cupboard would be processed according to the more general event-group process - because the criterion requires successful access.

Further modify the specific criterion to trap access to the cupboard by a particular user by activating the user field of the criterion definition dialog and selecting a specific user. Set the subsequent review text to "Suspect has opened stationery cupboard" - no variables required.

8.2 Review Data

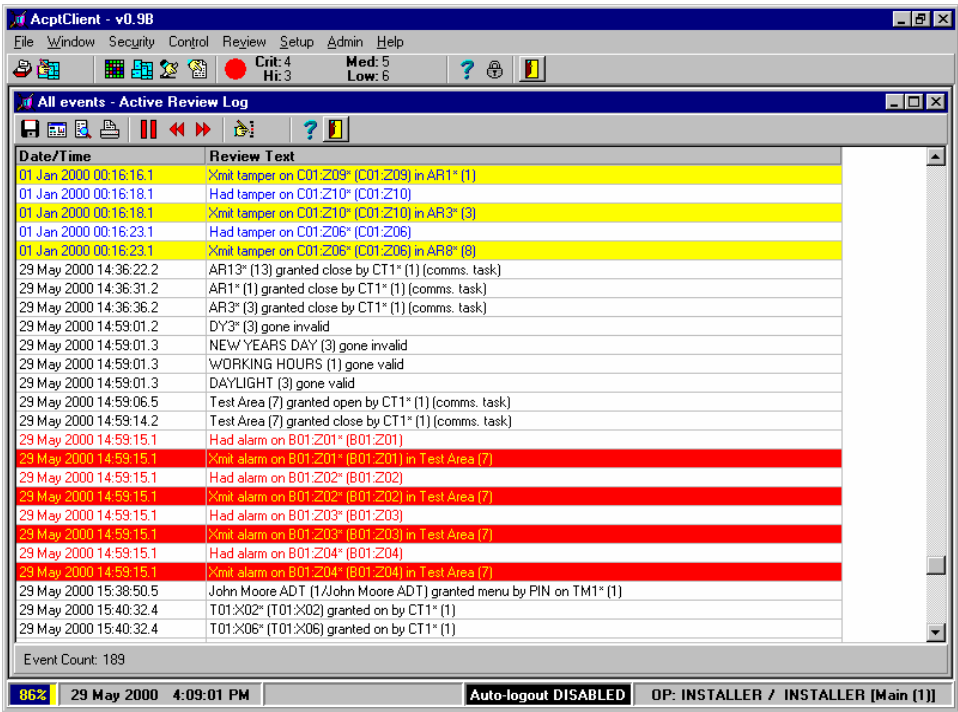
Review data is event data that the panel sends to the Front-End application whenever activity is detected by the Concept panel. The data is processed by the application and turned into **review log data**. The contents of the review log may be viewed by selecting the "All events" item of the review menu. The content of the data is very verbose and *filters* can be applied to limit the review to events more relevant to the operators need at a time.

The way the raw review data from the panel is processed and displayed is, primarily, determined by the *review manager*. Use the review manager to determine which events are logged, how they are logged and any alarm or acknowledgment procedures that should be applied.

8.3 Review Logs

The "All events" review log displays the complete contents of the review log (text) file and thus contains all the review received and processed by the front end. It is not pre-filtered and therefore no filter exists for it. The review stored in the review log file is limited by the operators tenancy definition.

The other *filtered review logs* are limited by their associated filter and will contain a subset of the review displayed in the "All events" review log.



8.3.1 Buttons

- The Pause/Play button of an active review log window, pauses or continues the updating and display of new review data as it is received from the panel. Hit pause to freeze the review window and keep the caret on the current event line (this does not stop review from being added to the log - it only stops the log from scrolling). To see the review data as soon as it occurs hit the play button, the grid position will move to the bottom of the screen where the last review event received is displayed. When the play button is visible the review is paused, and visa versa.
- Click on the ***print preview or print buttons*** to view the data as it would be printed or make a hard copy of the log respectively.
- Click on the save button to save the current grid view to a text file. The data is organised in the text file in the column and line order displayed in the grid.
- Click on the page setup dialog to invoke the ***margins/page setup dialog***.

8.4 Showing Users

The user information dialog below is displayed automatically upon receipt of user access review, provided the **Show User** option is enabled for a review process from the **review manager**. The information dialog can also be invoked from the review/archive and alarm log windows.



The image shows a 'User Information' dialog box with a blue title bar and a close button. On the left is a small portrait photo of a man with glasses. To the right of the photo, the following details are listed: Name: John Henry Smith, Address: 123 Titanium Drive Mullaloo, Cntry: Australia, State: WA, City: Perth, ZIP: 6007, Info.1: Reg: 1ABC 1000, Info.2: Lic: 5667 8995. Below this is a section for 'U/Type: OWNER' and 'Expiry:'. At the bottom left, there is a 'Review:' section with a text box containing 'John Henry Smith granted access in by card at Front Door'. At the bottom of the dialog are two buttons: 'Edit' and 'OK' (which has a green checkmark icon).

Name: John Henry Smith
Address: 123 Titanium Drive Mullaloo
Cntry: Australia
State: WA
City: Perth
ZIP: 6007
Info.1: Reg: 1ABC 1000
Info.2: Lic: 5667 8995
U/Type: OWNER
Expiry:

Review:
John Henry Smith granted access in by card at Front Door

Select the edit button (where enabled by permissions) to immediately invoke the database navigator and user editor for the user whose details are displayed.

8.5 Review Filter Dialog

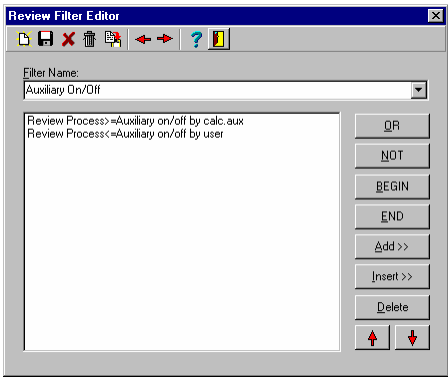
The review filter dialog gives access to all the predefined default filters and allows creation of new customised filters. A filter determines which review events are displayed in the associated review log.

You specify a review filter by stipulating a combination of review event entity values.

Do not confuse review filters with review processing. A review *process* determines the content of the review log file and how a review event is to behave when received by the front end, a review *filter* simply determines which parts of the review log to display in the review log dialog.

NOTE:

A filter defined by one tenant will not be visible to other tenants. The predefined default filters however are visible to all tenants and should NOT be modified. View the *filter example* section for more information.



8.5.1 Filter Buttons

The Filter Buttons include **OR**, **NOT**, **BEGIN**, **END**, **ADD>>**, **INSERT>>**, **DELETE** and the up and down arrow buttons. Use these in conjunction with the list item selected from the filter condition list:

- Group a number of conditions (between BEGIN and END statements) to ensure they are processed separately from the rest of the condition list
- Insert an OR between two conditions (or condition groups) to give the logical "or" of the two events.
- Use ADD to add a condition to the end of the list, use INSERT to insert a condition after the currently selected condition.

- Use DELETE to delete the currently selected condition
- Use NOT to negate the result of the following condition or condition group.
- Select a condition and move it up by activating the up-arrow, or down with the down-arrow.

8.5.2 Condition List

The filter information list box contains the conditions that the information in a review event must meet in order to be accepted by the filter when viewing a review log. Use the filter buttons to organise and add conditions to the list.

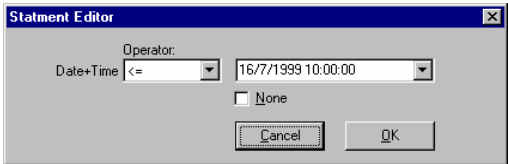
Conditions are processed from top to bottom. Conditions and condition groups are always logically ANDed together unless an OR or NOT has been inserted.

Double click on a condition to view its definition or redefine it.

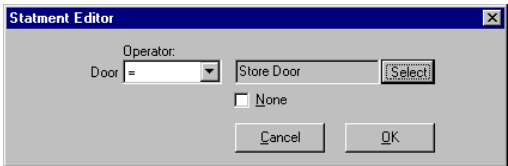
8.5.3 Statement Editor

Invoke a statement editor by either activating the **Insert>>** or **Add>>** key or double clicking on a list condition.

Date conditions values are edited via the following statement editor dialog. Date time stamps are always entered date first followed by time. The time format is consistent with the current system time format. Use the left, right and up down arrows to edit the time or type in the required numbers for each time (hour/minute) field. If no time value is selected the time is assumed to be 12:00am (midnight).



Entities are selected from a list via the following statement editor dialog. Activate the **Select** button to invoke a list of available entities. Select **None** to generate "entity = NULL" or "entity <> NULL" type conditions.

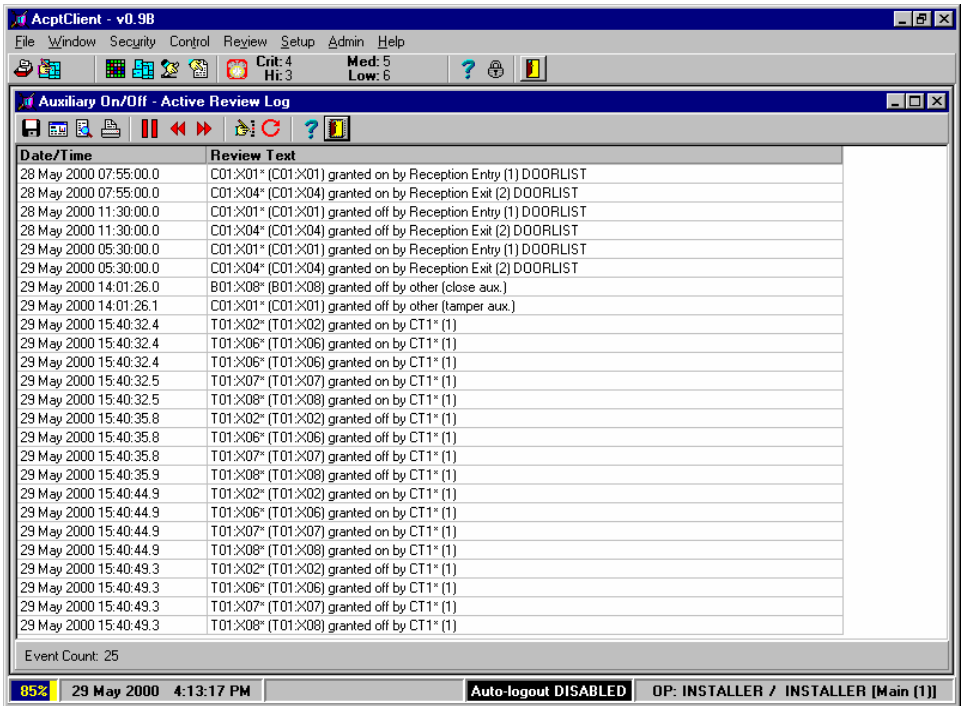


8.6 Filtered Review Logs

A filtered review log shows a subset of the **total review** received by the system. A filter must exist (created using the **review filter editor**) which stipulates which events from the total review are displayed and which are ignored.

While the filter can be modified dynamically, filtering is intended to be defined once. Define several filters and open each of them once rather than defining a single filter and modifying this frequently.

Keep the total amount of review to a minimum in order to speed-up dialog refreshes and invocations. *For complicated reporting archive the review using the review archive. DO NOT use the active review for general reporting.*



8.7 Buttons

- Click on the edit current filter button to invoke the **review filter editor**. You cannot delete the current filter nor change to another filter within the filter dialog when

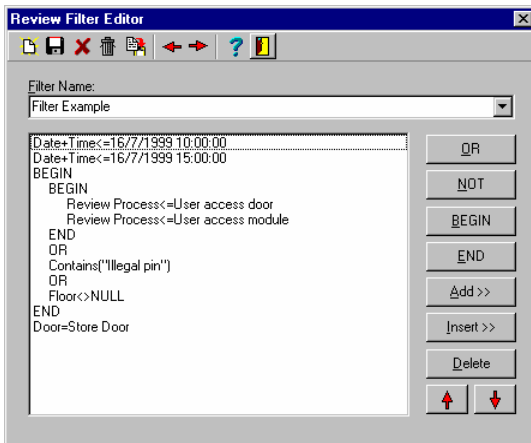
invoked from the review log. If the review log filter is ever deleted the review log may be closed automatically.

- Click the Refresh button to force the contents of the active log to be recalculated. This is particularly important if the review filter has been modified externally (by another client) while the current filtered log has been open. This option can be slow. Generally you should not need to modify the **review filter** frequently, if you are modifying a filter frequently create more permanent filters and open the review logs as you need them.
- The Pause/Play button of an active review log window, pauses or continues the updating and display of new review data as it is received from the panel. Hit pause to freeze the review window and keep the caret on the current event line (this does not stop review from being added to the log - it only stops the log from scrolling). To see the review data as soon as it occurs hit the play button, the grid position will move to the bottom of the screen where the last review event received is displayed. When the play button is visible the review is paused and visa versa.
- Click on the **print preview or print buttons** to view the data as it would be printed or make a hard copy of the log respectively.
- Click on the save button to save the current grid view to a text file. The data is organised in the text file in the column and line order displayed in the grid.
- Click on the page setup dialog to invoke the **margins/page setup dialog**.

8.8 Filter Example

Filters are created using the **review filter dialog**. In this example we wish to generate a report on the following circumstances: All user accesses between 10am and 3pm on 16 July 1999 to the Store Room Area (which is available through door "Store Door" (door ID 2)).

We therefore would generate a filter to trap the above event(s) in an active review log or archived review as follows:



The conditions that determine a user access event are grouped within the first BEGIN END statements. Thus the condition list is equivalent to:

All events where the event timestamp is between 10am and 3pm on 16/07/1999
AND
is a "user access" event
AND
the store room door ("Store Door") is accessed.

The conditions that determine a "user access event" are therefore:

Any events that are trapped by the "user access door" to "user access module" review processes (see *review manager*)

OR

Any event that contains the words "Illegal PIN" - like an illegal PIN, module message.

OR

Any event where the floor number is not 0 (like a user access floor event).

These user access conditions must be grouped with BEGIN and END to force the filter processing to treat the group separately from the rest of the condition list. Without the BEGIN and END the filter would match any "Illegal PIN" event and any floor access events (regardless of date range), all other user access type review events matched would be suitably limited by the applied date range.

8.8.1 Getting Technical

Someone with a sound understanding of the concept review system might ask: "Why stipulate 'illegal PIN' or 'floor <> NULL' when these two conditions can NEVER occur together with door information in a single review event". Therefore a more efficient definition for the required filter above would therefore be:

All events where the event timestamp is between 10am and 3pm on 16/07/1999
AND
any event involving a user (user ID defined, ie. a non-zero value)
AND
the store room door is accessed.

Which would be entered in the condition list exactly as:

Date+Time>=16/7/99 10:00:00
Date+Time<= 16/7/99 15:00:00
User<>NULL
Door=Store Door

8.8.2 Condition List Processing

The condition list is processed using standard boolean-logic rules where BEGIN and END are equivalent to brackets in a boolean statement.

For example:

w = b and (x > d or x <= g) and y = h

is the same as

w = b
BEGIN
 x > d
 x <= g
END
y = h

Remember:

w = b and (x > d or x <= g) and y = h does not necessarily give the same results as: **w = b and x> d or x<= g and y = h.**

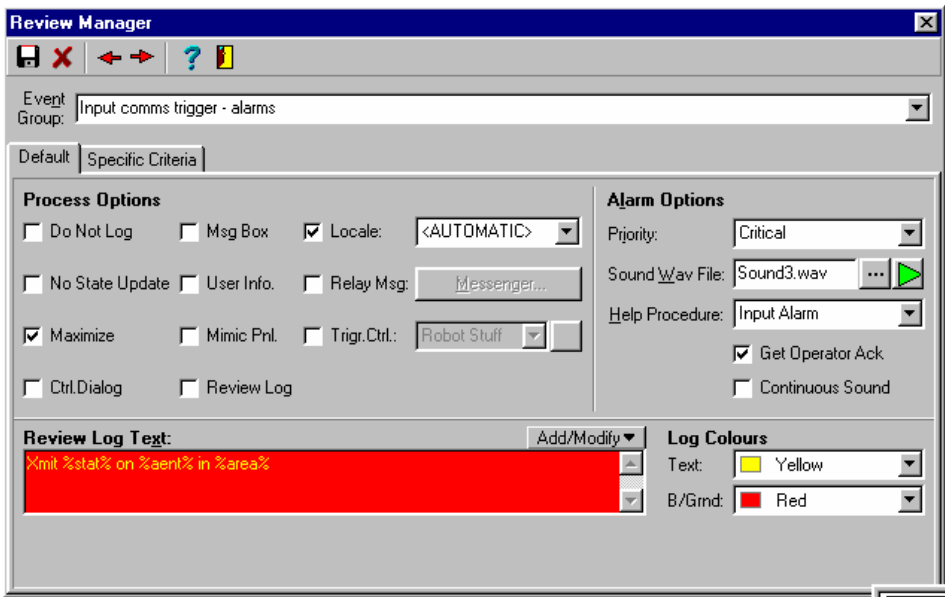
The latter would be processed by Accept as: **((w = b and x > d) or x <= g) and y = h.**

9 REVIEW PROCESSING

The review manager is only available after server control has been established on the AcptNet Client. The review manager allows the operator to specify how a particular type or group of review events is to be handled and displayed by the front end software. All review events have some default or generalised review process. Refer to: *What is review*

NOTE:

The review process applies the AcptNet system as a whole, tenant specific process of review is not possible.



9.1 Process Options

The review process options for each review event type specify any additional processing that the front-end must perform upon receipt of a specific event or generalised review event type. These options include:

Do Not Log

The event will not be saved in the review log - it will still be processed however. This helps to keep the review log down to minimum size however does not reduce CPU processing overhead.

No State Update	When ticked the entity whose state would normally be updated (for display in locale diagrams etc...) is not updated. This is particularly useful where zones have been isolated and a change of state (via raw input changes review) events should be ignored until the zone is restored (ie. xmit trigger is received).
Maximize	If the application is not visible or minimized it will be brought to the front and set to full screen.
Ctrl.Dialog	If the affected entity of the event type can be controlled from the front-end a control feedback dialog will be displayed.
Msg Box	The review text for the event is displayed in a separate message box at the front of the screen.
User Info	The user info dialog is displayed (the process/event information must contain a user ID)
Mimic Pnl.	The mimic panel is displayed.
Review Log	The "all events" review log is displayed.
Locale	If the affected entity of the event type or criteria exists in a locale, that locale diagram will be displayed, provided the adjacent locale selection item is blank or set to "<AUTOMATIC>". If a locale is specified then on any alarm event that locale will be displayed. This is particularly useful since the specified locale can be used as the section summary, with hotlinks to the various locales within the section, and so is useful for giving operators a better idea of the location of the alarm. Locale hotlinks flash on the locale diagram if alarms exists within the locale to which they are pointing.
Relay to Pager	Click on the adjacent messenger button to display the paging details dialog. This allows the paging IDs and a message format to be entered. When ticked this options allows the event to be relayed to a paged via the PSD messenger program (purchased seperately).
Trig.Ctrl	When ticked the associated control list will be triggered when the review process group or criterion is matched. Select the required control list from the

adjacent drop down list or modify/create a new list by clicking on the ellipses button to the right of the drop down field.

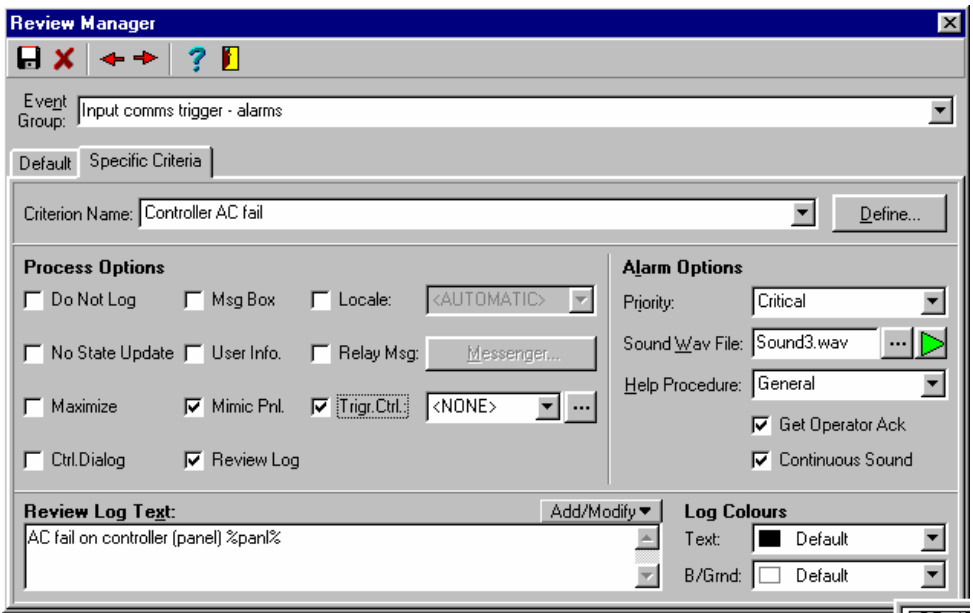
9.2 Alarm Options

The review alarm options include:

Priority	The priority of the event, if not NONE then the event is an alarm.
Sound Wav File	The file name and path of the sound file that will be played when the event is received. If no WAV file is stipulated no sound will be issued. Click on the ellipses button of the Sound Wav File field to select a WAV file from the ensuing file open system dialog when setting up alarms. Test the sound by activating the play button to the right.
Help Procedure	This is the name of the <i>help procedure</i> that will be displayed while the event is being acknowledged.
Get operator Ack	When checked and provided the event priority is not NONE, an operator must acknowledge the alarm this event represents
Continuous Sound	The alarm sound (wav file) when stipulated is played continuously when this event occurs.

9.3 Specific Review Criteria

Some review events are processed uniquely according to the content of the review - which entity in which state etc...



TIPS

- The criterion process and alarm options simply override the parent review process alarm and process options when the named criterion is matched.
- Click on the **Define** button to *define the criterion* that will be used to match against incoming review. When a match is made the criterion's review processes and message text defined in this page are applied.

9.4 Review Messages

Click on the **Add/Modify** button of the *review manager* or right mouse click in the text editor to cut/copy or paste text or add event variables to the review text.

The review text of the review manager is referenced whenever a review event is received, the review text of the paging details dialog is referenced whenever a paging message is required to be sent. This text is comprised of fixed words and review variables. The review variables include:

Access Information	%asci%	gives "denied in by menu", "granted out by card" type results
Action Granted	%actn%	gives "granted" or "denied"
Affected Entity	%aent%	gives the entity name/ID of the entity to which this review event applies
Entity State	%stat%	gives the state of the entity to which this review event applies
Card Number	%card%	gives the card number associated with a user or the credit card details (10 digits over two events) for special credit card events .
Byte	%byt#%	gives the raw byte value of byte ‘#’ (1 to 6) of the raw review packet
Panel	%panl%	gives the panel ID/Name of the panel sending the review.
User	%user%	gives the user ID/Name if applicable in the review event.
Causal Entity	%cent%	gives the entity name/ID of the entity that has caused this review to be generated.
Area	%area%	gives the area name/ID if available of the area in which the event occurred.
Area State	%arst%	gives the state of the area (Open/Closed) of the area in which the event occurred.
Floor Bits	%flrb%	gives the floor button states (in y/n format) of a lift access event.
Module	%modl%	gives the module ID/Name specific to the affected entity or module.
Reason Message	%rsnm%	gives a reason (fixed string) for the event
Error Message	%errm%	gives any error information (fixed string) associated with the event

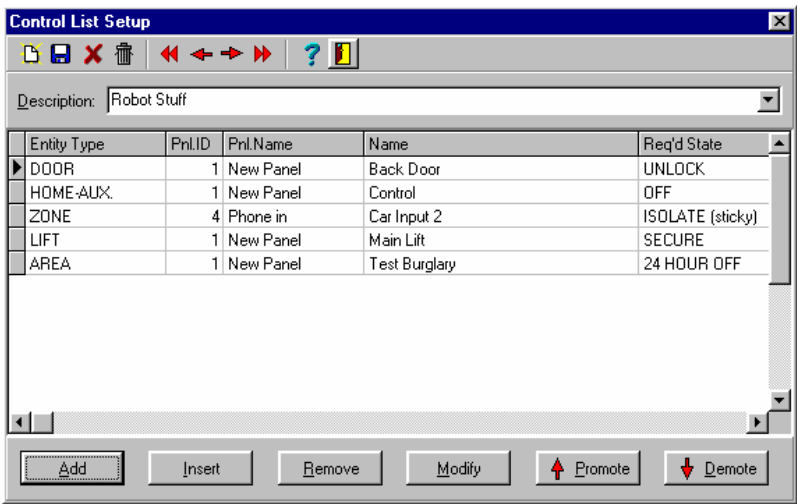
Not all variables are available for each review event, eg. User access Door type review messages do not contain floor-bit information. The affected entity is the DOOR and there is no causal entity (a user is not an entity).

Most review events have reason or error fields.

9.5 Control Lists

A control list can be associated with a review event or process in the review manager. Use the control list to force AcptNet to trigger the control of various auxiliaries, doors,

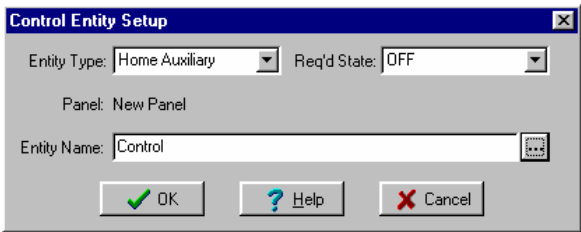
areas, lifts, lists or switch MaxPro CCTV sub-rack item etc... when a particular review event occurs.



The order of each event determines the order in which each entity is controlled when the list is triggered. Re-order the events using the **Promote** and **Demote** buttons. Edit the event by double-clicking on an item in the list or via the **Modify** button. Add a control item to the end of the list using the **Add** button or insert between two list elements using the **Insert** button. Delete items from the list by selecting the element and clicking the **Remove** button.

Create or edit each item in the list using the control entity setup dialog below.

9.5.1 Control Entity Setup

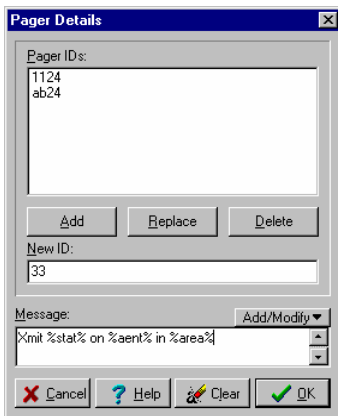


- The items in the list are controlled in the order they appear in the list

- **Add** to the end of the list or **Insert** an item into the list as required. The control entity setup dialog will be displayed.

9.6 Paging/Messenger Details

The paging details dialog is invoked from the review manager when defining the process options for a **review process** or review event criterion. Pager information is relayed to PSD Messenger for management of pager/SMS notification of review events.



To specify a pager to be notified when the review process or criterion is met, simply enter an ID in the **New ID** field and click on the **Add** button. To delete a pager as listed, select the pager from the pager ID list the click **Delete**. To modify a list entry, select a pager item in the list and edit in the **New ID** field then click **Replace**.

By default the message sent to the page will be the same as the message logged in review. You may modify the message sent to the pager from the **Message** box, the same variable names and rules apply as per the review manager.

9.7 Review Criteria Dialog

Invoke the review criteria dialog when you need to isolate a particular review event or number of review events for a particular entity, user or area. Once isolated, receipt of the review event(s) can be processed separately from the underlying review event type to which the criteria belongs.

The screenshot shows the 'Review Event Criteria Editor' dialog box. It has a title bar with standard window controls and a scroll order dropdown set to 'Name'. The 'Criteria Name' field contains 'Controller AC fail' and the 'Index' is set to '10'. The 'Affected Entity Type' is 'ZONE' and the 'Causal Entity Type' is 'DOOR'. There are two columns of checkboxes. The left column includes 'Panel' (unchecked), 'Module Type' (checked, dropdown set to 'Controller (panel)'), 'Module #' (unchecked), 'Affected Ent. ID:' (checked, dropdown set to '20'), 'Affctd Ent. State:' (checked, dropdown set to 'Alarm'), 'Causal Ent. ID:' (unchecked), 'Area:' (unchecked), 'Area State:' (unchecked), 'Byte 1 Value:' (unchecked), 'Byte 2 Value:' (unchecked), and 'Byte 3 Value:' (unchecked). The right column includes 'User' (unchecked), 'Access' (unchecked), 'Reason:' (unchecked), 'Error:' (unchecked), 'Action:' (unchecked), 'Card #:' (unchecked), 'Floor Bits:' (unchecked), 'Raw Value:' (unchecked), 'Byte 4 Value:' (unchecked), 'Byte 5 Value:' (unchecked), and 'Byte 6 Value:' (unchecked). The 'Parent Process' field at the bottom is empty with a '<>' button.

TIPS

- The criteria editor gives access to the various types of information that can be contained in a review event. The underlying review process will determine which of these "type" fields is enabled in the criteria editor. For example; input triggers do not contain access information so the access field will not be enabled.
- In the above example the controller AC fail zone id is 20 (the affected entity) and the module type is the controller or panel. The index is used to order the criteria such that a very specific criterion (lower index value) is considered before a more general one (higher index value) when the system attempts to find the matching criteria given a review event.
- Similar to the raw value field, byte values 1 to 6 can be used to map against any raw values in the 6 byte review packet. This is particularly useful where integer identity or raw level values are stored in the review packet, eg. C-Bus/Inovonics/Spreadnet comms task events where voltage, signal and noise dB levels are relayed in the review.

10 RESTORING ARCHIVE DATA

Use this feature from the **Admin Menu** to locate and reinstate archived review data. The archived data is stored in the directory define by the operator's tenancy. This archived review is completely separate from the current or active review data. Once the archive data is extracted from the archive directory it will be displayed immediately. Thereafter you can view the extracted archive at any time by selecting **Admin | View Restored Archive** to invoke the *archive viewer* from the main menu.

If you have previously restored review then you will be asked to "incorporate" this new log. If you choose yes then the selected archive will be appended or pre-pended to the last review archive according to the date of the first review event in that archive. Do this with successive logs to view a wider spectrum of events. Alternatively select multiple archive files from the file selection dialog when restoring archived review, to view them all at once in the archive viewer. The data from these archives will be concatenated according to the file date and a single archive view will be created including the review from all files.

If no review has been archived, attempting to view the archive log will give the message "Cannot create/open log file: ...\reviewlog.vwa". Indicating that no archive data has previously been extracted and copied to the archive viewing file.

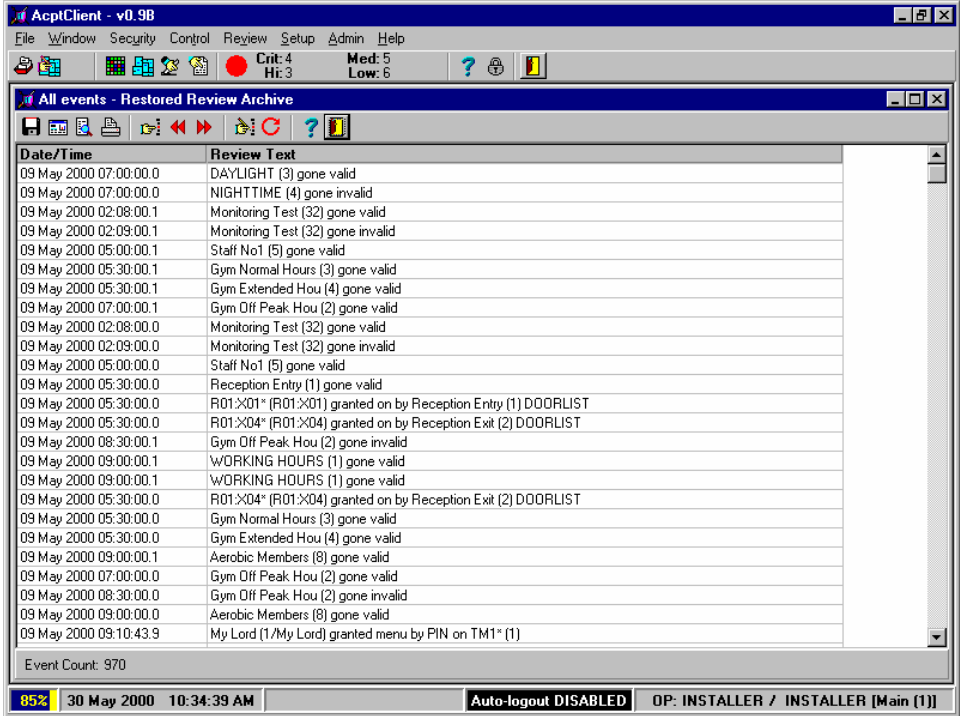
NOTE:

You should be careful to limit the amount of review you view at any one time since large amounts of data from several large review files could overload system resources and/or make processing of the total very slow and may halt processing of active review and alarms.

10.1 Viewing Archived Review Log

Once review is archived (to an "ach" file), it can be extracted and viewed at any time by using the **Restore Archived Review** feature then viewed using the archive viewer. The archive log is simply copied from the archive directory into the working directory for viewing.

Use the dialog to view and filter the archive data. To improve archive processing speed ensure your archive sizes are not unwieldy by archiving review data more frequently and avoiding restoring of multiple large review files at once.

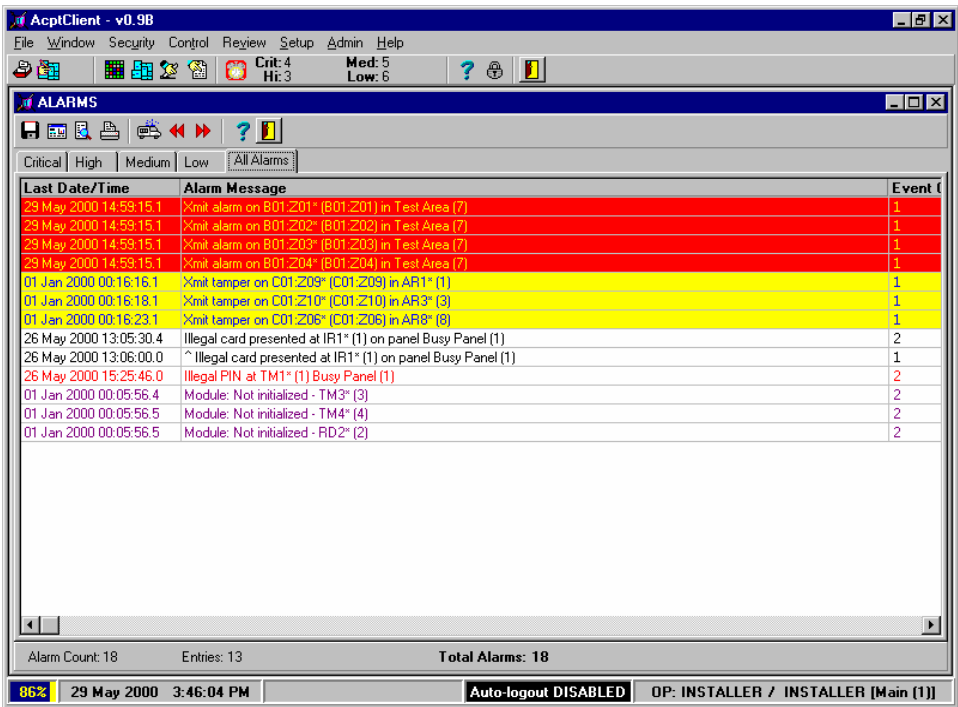


- Click on the edit filter button to invoke the **review filter dialog**. Access to review event records are limited by the current filter. Once changes have been made and saved the operator will be asked to reapply this filter.
- Click the Refresh button to force the contents of the archive to be recalculated. This is particularly important if the review filter has been modified externally (by another client) while the current filtered log has been open. This option can be slow. Generally you should not need to modify the **review filter** frequently, if you are modifying a filter frequently create more permanent filters and open the review logs as you need them.

The alarm log displays all of the accumulated alarms in the system and specific to the current tenancy. The dialog consists of five pages of alarms according to their priority. Each alarm is displayed only once however multiple alarms of the same event are indicated by an event count. Right mouse click and select "Ack" in the pop-up menu on any item to acknowledge an alarm. Select a number of alarm events and acknowledge these together or select "Ack All" from the pop-up menu to acknowledge all alarms on the current page. Alternatively click on the Ack button after highlighting the alarms to acknowledge.

NOTE: Alarm acknowledgments are applied to all tenancies with common alarm events. Hence when an operator/tenant clears/acknowledges an alarm that alarm will be cleared in all other tenancies sharing that alarm.

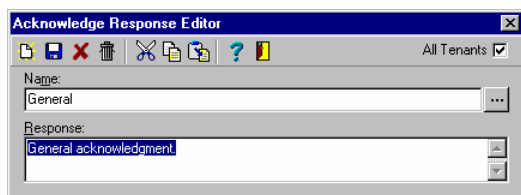
Right mouse click on any grid item to invoke a pop-up menu, from which you can view the review manager (provided **server control** has been established), **acknowledge/reset alarms** or show the **alarm handling** for the selected event.



11.1 Acknowledge Response Editor

The response editor is invoked from the setup *menu*. The dialog allows the installer (or an operator with sufficient *permissions*) to edit existing predefined responses or add new ones to the current list. Once added those acknowledgment messages are only available to operators of the same tenancy.

The 3 predefined default acknowledgment messages are visible to all tenants however and should not be modified or deleted.



TIPS

- The **Name** field of the dialog displays the name of the current response name. If this is a new response then the name will default to "<untitled>". Change the name to something meaningful so that operators acknowledging alarms will be able to better identify which ack. response is required when entering or selecting an *acknowledgment response*.
- Click on the button attached to the **Name** field to invoke the response list dialog. The Response List of the *acknowledgment response dialog* is a drop down list of predefined responses.
- The **Response** field shows the message that will be recorded in the review log for an *acknowledged alarm* during an acknowledgment response.
- Cut, copy and paste text in the **response** field using the *cut, copy, paste buttons* of the tool bar
- Select (tick) **All Tenants** to enable the acknowledgment response to be used by any tenant. If this is not ticked the response will only be visible to operators of the same tenancy as the current operator.

NOTE: It is important to choose suitable response names, which reflect the content of the message.

11.2 Acknowledging Alarms

Alarms are any review events that have been designated an alarm condition, according to the **review manager** settings for each review event group. The way an alarm is to be acknowledged is also determined by the alarm handling fields of the review mapping section. Clicking on the acknowledge alarm button of the **mimic panel, alarm log** or from a pop-up menu initiates the acknowledgment of all alarms pertaining to an area or all of the selected alarm log alarms respectively.

The operator may select multiple review log entries to be acknowledged. The acknowledgment procedure may require the operator to enter an **acknowledgment response**

11.3 Enhanced Alarm Processing (Resetting Alarms)

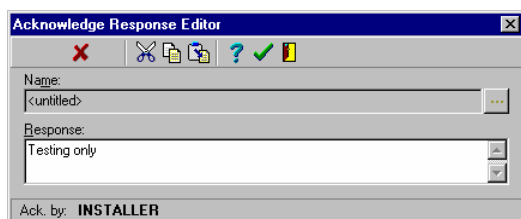
When enhanced alarm processing is supported and Ack'/Reset alarm processing, enabled at the AcptNet Server, all alarms must reset in addition to being acknowledged to be cleared from the review log. Acknowledgments do not require operator response however the reset may, depending on the review manager alarm options applied for the review.

When acknowledging alarms an operator event is generated in the review indicating that the alarm event has at least be observed. When resetting alarms an operator event is generated in the review and allows for a response message which the operator enters or selects to indicate what was done about the alarm.

Acknowledge/Reset processing is required by some security installations (such as prisons) to improve operator accountability with respect to alarm handling and duty of care.

11.4 Entering an Acknowledgment Response

The acknowledgment response dialog is presented to an operator acknowledging an alarm (provided an alarm handling process has been assigned to an alarm event in the **review manager**). The operator should type in an appropriate report of his actions with respect to the alarm or select a report from the predefined **response list**. The ID of the current operator logged in to the application (whose name is visible in the bottom right hand corner of the dialog) as well as his response will be stored in the review log once the alarm is successfully acknowledged. The predefined acknowledgment responses are configured by the installer (or an operator with suitable **permissions**) using the **Acknowledge Response editor**.

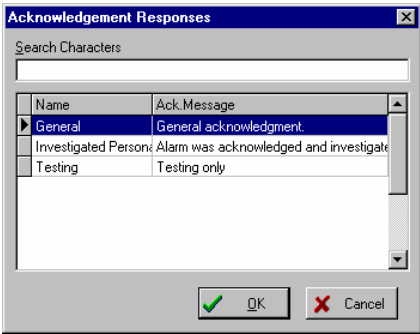


TIPS

- Click the tick (✓) button once you have completed typing in a response in the **response field**, the alarm will be acknowledged and the response just entered will appear as part of the review event text in the review log.
- Click the close button to cancel the acknowledgment response altogether.
- Alternatively click on the ellipses button next to the name input field to select from a predefined **list of acknowledgment responses**. While acknowledging a alarm; selecting an item from the list constitutes a valid acknowledgment therefore an alarm acknowledgment response is deemed completed if an item is selected from this list, the response message is defined by the list item selected.
- Click the cancel (X) button to cancel changes to the response field and start entering a response again.
- Cut copy and paste text in the **response** field using the **cut, copy, paste buttons** of the tool bar
- The current operator's name is displayed in **Ack. by:** field of the dialog. This is the name that will be recorded in the review log with the details of the alarm response.

11.5 Acknowledgment Responses List

A list of the available acknowledgment responses is displayed when the open button of the *Acknowledge Response Dialog* is activated.

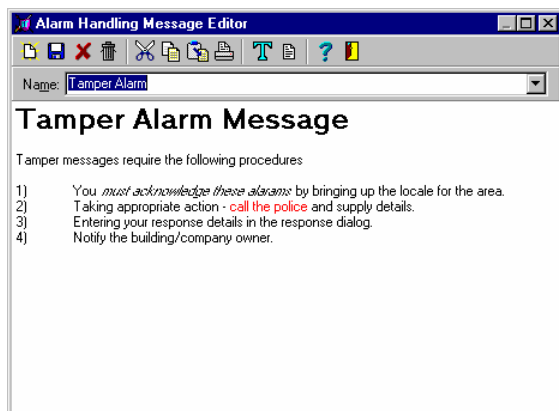


TIPS

- Select the desired response from the list or search for a response name using the **Search Characters** input field of the dialog.
After entering a search string the search dialog will scan through the records from top to bottom until a match occurs on those characters entered so far. Narrow the search by typing in more search text.
- Click **OK** to make the selection or **Cancel** to exit without selecting a response.

12 ALARM HANDLER EDITOR

The alarm handling editor is invoked from the setup *menu*. It allows the installer (or someone with appropriate *permission's*) to setup and change the **alarm handling messages** that can be displayed during **alarm acknowledgment** to help instruct operators in how to complete the acknowledgment of a specific alarm event. The alarm handling messages are the same for all tenants. Once an alarm handling message is created all tenants will be able to use or view it.



TIPS

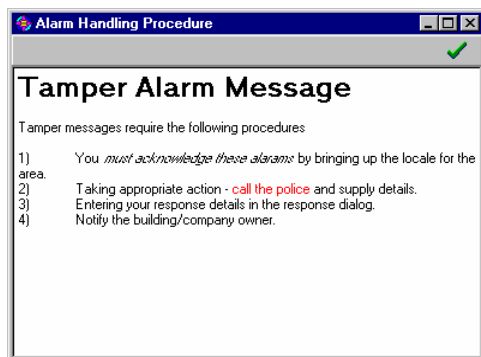
- The **Name** field displays the name of the current handling procedures. Use this combo box to select records from the drop down list of available predefined handling procedures. If a new procedure is being defined then the default name will be <untitled>.
- The main message field is effectively a rich text editor. You can therefore select different fonts, colours and paragraph formats within the handler message text. Right mouse click once to invoke a pop-up menu offering additional editing facilities.
- Click the font button (T) to set the current font or apply a new font to the highlighted message text. A standard windows font dialog is displayed from which you can select the style of the font (italic, bold, underline etc...), the colour as well as the font family and character size.
- Select the paragraph format button to the right of the font button to change the current paragraph format (indents and justification) or to change the format of the highlighted paragraphs in the message area.
- The current message part dialog may be printed by clicking on the printer icon to the left of the font button. The message is formatted to fit on the current paper size in the

current printer allowing for a 2cm top, bottom, left and right margin. Change the default printer settings from the control panel of the windows operating system prior to printing if specific paper sizes or printer types are to be selected.

- Cut, copy and paste text using the **cut**, **copy**, **paste** buttons of the tool bar.

12.1 Alarm Handling Display

The alarm handling dialog is displayed, according to the configuration of the review mapping, when **acknowledging an alarm** event. It outlines the procedures the operator should follow to complete acknowledgment of the selected alarm event. The installer may customise these messages from the **alarm handler editor**.



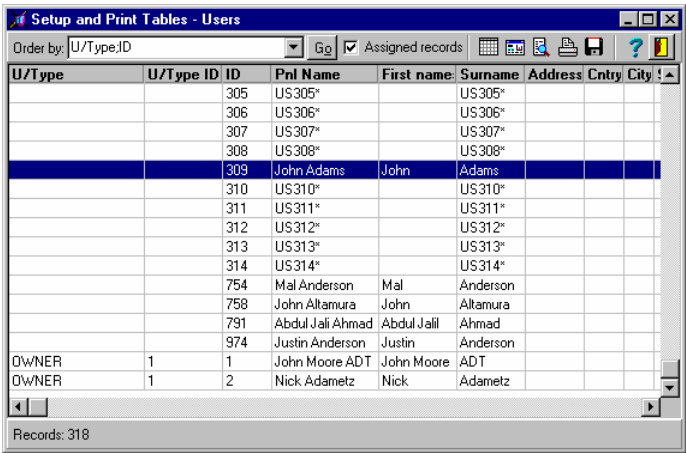
13 PRINTING AND PREVIEWING

Click on the preview button of a dialog to preview the associated columnar data in the current table format. This preview demonstrates the layout and settings that would be applied when the review is physically printed. Choose a suitable **filter** or date range (if available) to limit the amount or content of data to be printed. Use the format and grid sizing facilities available from within the table display to customise the layout of the data prior to previewing or printing.

Activate the print button from a dialog to print the displayed table in its given format. Activate the preview button before printing to get an idea of what the print out will look like and that **column formats/titles** (DB editors only) are sufficient to contain all of the desired data. Columns sizes are reduced proportionally to fit within the **margins** on the output paper selected.

13.1 Printing Database Data

To print any of the database editors data activate the prepare button from editor dialog invoked from the **Database navigator**. A dialog will be presented as follows. Use this to configure the visible columns, relative column widths and desired column titles on the resulting printout.



U/Type	U/Type ID	ID	Pnl Name	First name	Surname	Address	Cntry	City
		305	US 305*		US 305*			
		306	US 306*		US 306*			
		307	US 307*		US 307*			
		308	US 308*		US 308*			
		309	John Adams	John	Adams			
		310	US 310*		US 310*			
		311	US 311*		US 311*			
		312	US 312*		US 312*			
		313	US 313*		US 313*			
		314	US 314*		US 314*			
		754	Mal Anderson	Mal	Anderson			
		758	John Altamura	John	Altamura			
		791	Abdul Jali Ahmad	Abdul Jali	Ahmad			
		974	Justin Anderson	Justin	Anderson			
OWNER	1		John Moore ADT	John Moore	ADT			
OWNER	1	2	Nick Adametz	Nick	Adametz			

TIPS

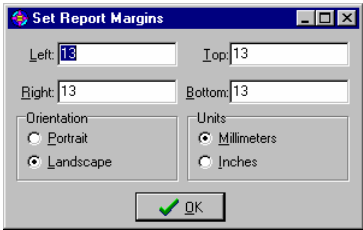
- The **Order By** input field contains a list of column name combinations by which the data displayed in the grid can be arranged. The ordering is strictly alpha numeric. Enter a new combination of column names as required. If accepted that ordering

combination will be added to the drop down list but only as long as the editor remains visible. Press **Go** to apply the required column ordering.

- Click on the grid format button to invoke the ***grid format editor***. Use this to determine which columns are to be shown and their relative size.
- Click on the page setup dialog to invoke the ***margins/page setup dialog***.
- Click on the ***print preview or print buttons*** to view the data as it would be printed or make a hard copy of the log respectively.
- Click on the save button to save the current grid view to a text file. The data is organised in the text file in the column and line order displayed in the grid.

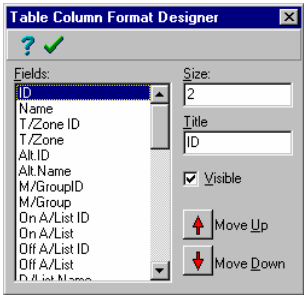
13.1.1 Setup Page Margins

Customise a reports page margins by clicking on the page setup buttons of the ***mimic panel, review log, alarm log*** window or ***database preview*** window. The margins determine the amount of unprinted paper around the printed area. To increase the printing area decrease the left and right margin sizes; especially for tables that have many columns.



13.1.2 Table Grid Format

The table grid format dialog is used to specify the column position, size and visibility of the columns in the underlying DB print preview.



TIPS

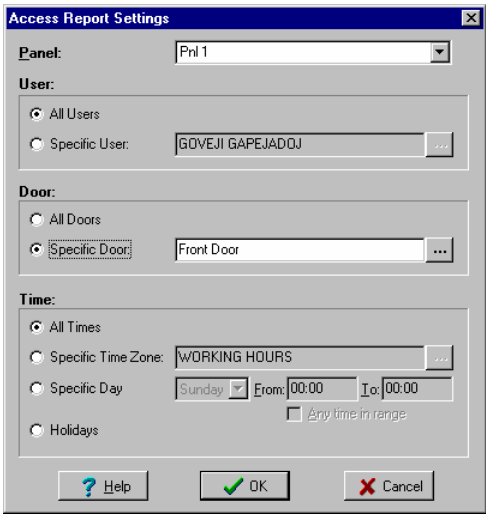
- The table column list shows all of the available column titles in the parent grid - whether visible or not. Click on any item in the list to view its current settings - title, size etc... Select multiple items in the list and promote or demote them. You cannot delete an item from the list, you can however make the column invisible.
- Click on the Down Arrow button to demote the selected field in the column field list. That is: the selected field will be moved lower down the field list, the corresponding column in the underlying grid will be moved to the right.
- Click on the Up Arrow button to promote the selected field in the column list. That is: the selected field will be moved higher up in the column list, the corresponding column in the underlying grid will be moved to the right.
- Use the **Visible** field to determine whether a column of the print preview is displayed or hidden. When set (checked) the column is visible otherwise the column is hidden.
- The column **Title** in a grid may be modified using this field. The text entered here will be applied as the new caption of the field selected.
- Enter a table column size in the size field to alter the size in characters of the highlighted column field in the table column list. For large text fields (like descriptions/names) you can increase the size of the column to view all of the text. Most text is limited to a maximum of 255 characters.

14 USER ACCESS REPORTS

This feature is only available where the special reports option has been enabled in the hardware key at the AcptNet Server.

14.1 Access Setup Dialog

The following dialog is presented when the **User By Door/Time** report item is selected from the Reports menu. When the **User By Lift/Time** report item is selected the following dialog will appear however you can only specify a lift as the access point condition for the final report.



The 'Access Report Settings' dialog box is used to configure report parameters. It includes sections for Panel, User, Door, and Time. The Panel section has a dropdown menu set to 'Pnl 1'. The User section has radio buttons for 'All Users' (selected) and 'Specific User' (with a text field 'GOVEJI GAPEJADOJ'). The Door section has radio buttons for 'All Doors' and 'Specific Door' (selected, with a text field 'Front Door'). The Time section has radio buttons for 'All Times' (selected), 'Specific Time Zone' (with a text field 'WORKING HOURS'), 'Specific Day' (with a dropdown 'Sunday', 'From' '00:00', 'To' '00:00', and an unchecked 'Any time in range' checkbox), and 'Holidays'. At the bottom are buttons for '? Help', 'OK', and 'Cancel'.

TIPS

- Select the specific panel, door/lift, user or time specifications you wish to apply to the report.
- You must select at least one limiting condition, ie. specific user, door/lift or time zone/range information.
- The final report will indicate which users have access to the systems access points (door or lifts) according to the conditions selected.

14.2 Viewing Reports

When the **User By Door/Time** or **User By Lift/Time** option is selected from the Report Menu (where enabled) the Access setup dialog is displayed, as above. Once the conditions have been selected a report is built and is eventually displayed similar to the following dialog.

Setup and Print Tables - User Access By Door: Panel:1, Door:1

Order by: Acs.Name\U\Type\ID Go

ID	Name At Pnl.	First names	Surname	U/Type	Acs.ID	Acs.Name	Alt.
1	INSTALLER		INSTALLER	OWNER	1	DR1*	
2	MASTER		MASTER	OWNER	1	DR1*	
3	Mug Shot	Mug	Shot	OWNER	1	DR1*	
4	User 4	User	4	OWNER	1	DR1*	
5	COPAG VOSINE	COPAG	VOSINE	OWNER	1	DR1*	
6	NARAROCOC DIDEGE	NARAROCOC	DIDEGE	OWNER	1	DR1*	
7	FEPEFON RALAJATA	FEPEFON	RALAJATA	OWNER	1	DR1*	
8	MIROKIMA REVQJIL	MIROKIMA	REVQJIL	OWNER	1	DR1*	
40	Philli Try-again	Philli	Try-again	OWNER	1	DR1*	
75	US754*		US754*	OWNER	1	DR1*	

Records: 10

TIPS

- Change the order by selection then activate the **Go** button to re-order the lines of the report according to the column titles specified. In general ordering by access point; user type and user ID will display the report details in a more referable form.
- Refer to help on the print preview dialog for information about printing a hard copy, formatting, sizing and using the other preview features.
- The **U/Type** (user-type) **Alt U/Type**, **List** and **Alt.List** columns indicate the panel configuration conditions that lead a particular user to a door. A user can effectively have 2 user types and/or 2 door/lift lists that apply depending on time-zone validation. Thus the report indicates the simple and alternate access conditions that apply to give access by that user to a door. If an alternate access condition exists (such as alternate user type or alternate door/lift list) then the appropriate "**Alt...**" columns will be filled. Otherwise an empty "**Alt...**" column indicates that the alternate list or user type was not required to determine access to the current door/lift for the current record/line.

15 **LOADING BITMAPS**

A bitmap is data that identifies an image pixel by pixel. Bitmaps are usually stored as files with the extension BMP. To simplify the search for bitmaps you scan in yourself, you should always ensure the file extensions of the bitmaps you create are BMP. Most general purpose image processing, scanning tools support bitmaps.

In order to load images, you will need to have created the bitmaps first. A file search dialog will be displayed. Use this to move around the system and select the bitmaps you wish to import.

When loading images into the ***User Database Editor*** images are stretched or shrunk to fit a square 154 by 154 pixels. Use this information to scan-in/create bitmaps which are approximately 154 by 154 pixels or at least square to avoid any undesirable distortion due to stretching/shrinking.

When loading bitmaps into the ***locale editor***. Images maintain their original aspect ratio (that is the ratio of actual pixel width to height of the image).

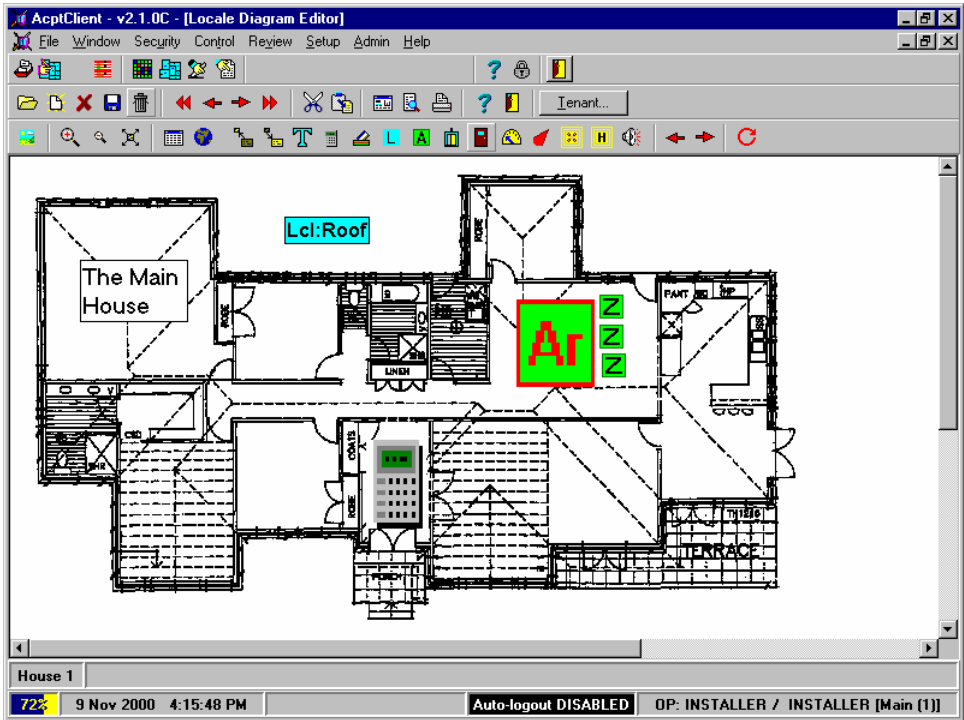
Note:

The greater the colour depth the larger the amount of memory space the resulting bitmap file will require to store. You should be aware of this if you are concerned about the size of your user database.

16 LOCALE DIAGRAMS

16.1 Locale Editor

The locale editor is used to create a security plan (usually outlining the floor plan of a secured area) and associate with that plan various control entities (areas, doors, inputs etc...). Once created the locale plan can be used to monitor security breaches and to control user access as soon as they occur.



16.1.1 Locale Editing Tips

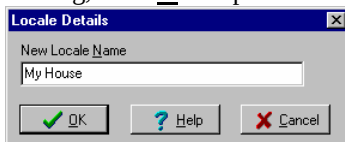
- Once a locale is named the locale name is shown in the status bar at the bottom left of the locale editor window.
- To add a background image to the diagram click on the image button and select the image file you would like to use from the system file dialog. You can create background images in any diagram editor (including autocad etc...) as long as they

can be exported in standard bitmap, jpeg, windows metafile or GIF graphic file formats.

- To add an entity to the locale diagram click on the required entity button (door button, area button, input button etc...) select from the ensuing entity list the item you wish to add, then place the mouse over the diagram and drag the outline of the selected entity to the position you would like the entity to appear.
- Move existing icons on the diagram by clicking and holding the left mouse button down. Drag the icon to a new position in the diagram.
- To determine the identify of an icon click on it, the entity name (and reference) of the icon will be displayed in the middle status bar of the editor window.
- Double left click on existing icons in the diagram to view or change the actual panel entity they represent. An entity list dialog will be displayed. Select the new entity name from the list.
- You can cut, copy and paste entities within the diagram using the cut, copy and paste buttons.
- Right mouse click on the background or a selected entity to invoke a pop-up menu. Use items from the pop-up menu to edit the entity reference, change the font/colour of the locale or text box references or resize.
- You may resize entity graphics as required.
- Scroll between editor records (as limited by the current tenancy) by clicking on the left and right single or double arrow buttons of the top toolbar.

16.1.2 Buttons Explained

- Open an existing locale by clicking on the open (folder) button. A locale list dialog will be displayed.
- To start a locale select the New button, you will then be asked for a locale name via the following input dialog: Enter a locale name in the **New Locale Name** field of the input dialog, click **OK** to proceed.



- The Clear Locale button closes the current diagram and clears the view.
- Click on the Delete button to delete the current locale diagram (if visible) from the system. All references to this locale will be deleted. If no diagram is currently open

the Open Locale dialog will be displayed. Upon activating the **OK** button of the open locale dialog the locale item you selected in the locale list will be deleted; click **Cancel** if you do not want to delete any of the locales listed in the list dialog.

- Use the Cut button to delete icons from the diagram, see the section on cut copy and paste buttons.
- Click on the Image Button to invoke the standard windows file search dialog. Select the image file you wish to use as the background in the locale diagram.
- Click the Zoom In button to enlarge the displayed locale image. Scroll around the diagram using the scroll bars to the right and bottom of the window.
- Click the Zoom Out button to shrink the displayed locale image to fit better within the locale display window.
- Click the Original Size button to return the current locale image to its original (designed) size. This will be the size of the image as it was before zooming and after any stretching was applied.
- The Stretch-To-Screen button stretches the background image of the diagram to the largest size that will fit the current editor dialog client screen - the aspect ratio of the image is maintained (as per the original bitmap). Maximize the application and locale editor window first to get the largest possible image.
- Click the Actual Size button to return the locale (background) image to its original size, as determined by the size of the image bitmap.
- Click the Send to Back button to push the selected entity (area, door, input etc...) to the back of all other entities on the locale diagram. This is useful where, for example, a text/comment box overlaps an area icon, clicking on the area will highlight the text box unless the text box is sent to the back of the image.
- Click on the Text (**T**) button to invoke the text box editor. Use text boxes to add comments or labels to the diagram. You can change the font of the text by right mouse clicking on the text-box you wish to edit and selecting "Change Font" from the ensuing pop-up menu. Re-size to change the way the text is displayed, that is reduce the text-box width to produce more line breaks, widen to the text box to join lines together.
- Click the Terminal Button to include a terminal reference icon on the diagram. Use this type of icon to show the location of Concept equipment in relation to areas or inputs in the installation of the secured area.
- Click the Reader Button to include a reader reference icon on the diagram. Use this type of icon to show the location of Concept equipment in relation to areas or inputs in the installation of the secured area.

- Click on the Locale Reference button to add a **child** locale reference (hot-spot) to the locale diagram. This locale reference provides a convenient way for operators monitoring the locale to move from one locale to another. Resize to change the way the text is displayed, that is shorten the text-box width to produce more line breaks, widen to the text box to join lines together. You can change the font or background colour of the text by right mouse clicking on the text-tag you wish to edit and selecting the appropriate action from the ensuing pop-up menu.
- Click the Area Button to add an area reference icon to the locale diagram.
- Click the Lift Button to add a lift reference icon to the locale diagram.
- Click the Door Button to add a door reference icon to the locale diagram.
- Click the Floor Button to add a floor reference icon to the locale diagram.
- Click the Input/Zone Button to add an input reference icon to the locale diagram.
- Click the Auxiliary Button to add an auxiliary reference icon to the locale diagram.
- Click the Home Auxiliary Button to add a home auxiliary reference icon to the locale diagram.
- Click on the Siren Button to add a siren reference icon to the locale diagram.
- Click on the left arrow button of the bottom toolbar to go back to locale diagram that is the parent of the current locale if one exists. A parent locale is any locale that contains the current locale through a child locale reference.
- Click on the right arrow button of the bottom toolbar to Go to the child Locale referenced by the selected locale reference in the current locale diagram. Alternatively, right mouse click on the selected locale and choose "Goto Sub-Locale".
- When logged in as INSTALLER (or an operator under the main(1) tenancy) you will be able to see ALL tenant's locale diagrams. You can subsequently reassign a locale graphic to another tenant by clicking on the tenancy button while the appropriate locale is showing and chose a new tenancy from the ensuing list dialog. Thereafter the locale diagram will belong to the newly selected tenant.
- Print Preview or print the locale diagram with states and selections as shown. Change the report orientation or margins by clicking on the report setup dialog. Only a single page is printed. Use the preview to ensure that the graphic is sufficiently resized (zoom in/out) to give the appropriate detail in the printout.
- Since the entity states are not maintained while editing, click on the "refresh graphics/states" button to refresh the entity graphics for their current security state.

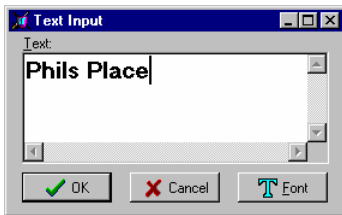
NOTE:

The graphics used to represent an area, input, door, floor lift etc... are defined by the Graphic Setup dialog in the setup menu of the application and the current state of the door.

Unlike icons in the locale monitor window the state of the icon is **not updated** during editing as the panel entity states change.

16.1.3 Text Boxes

Click on the Text Box button in the locale editor to add a text box to the diagram. Type in the description or comment you would like to include as part of the diagram. Enter the desired text into the text input dialog as shown below.

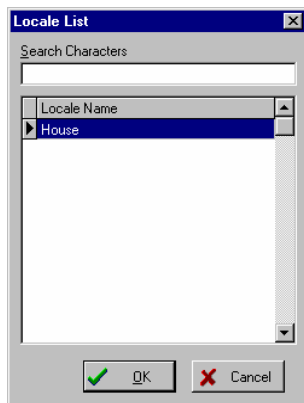


Change the font including style, colour and size by clicking on the Font button. The chosen font becomes the default font for any new text boxes.

16.1.4 Opening an Existing Locale.

Once the Open button is selected from within the *locale editor* or *locale monitor* the following dialog will be displayed listing all of the currently defined locales in the system *for the operators tenancy*.

The Locale List is ordered alphabetically by locale name. The left arrow pointer indicates the current match of an incremental search based on characters entered in the incremental search field.



TIPS

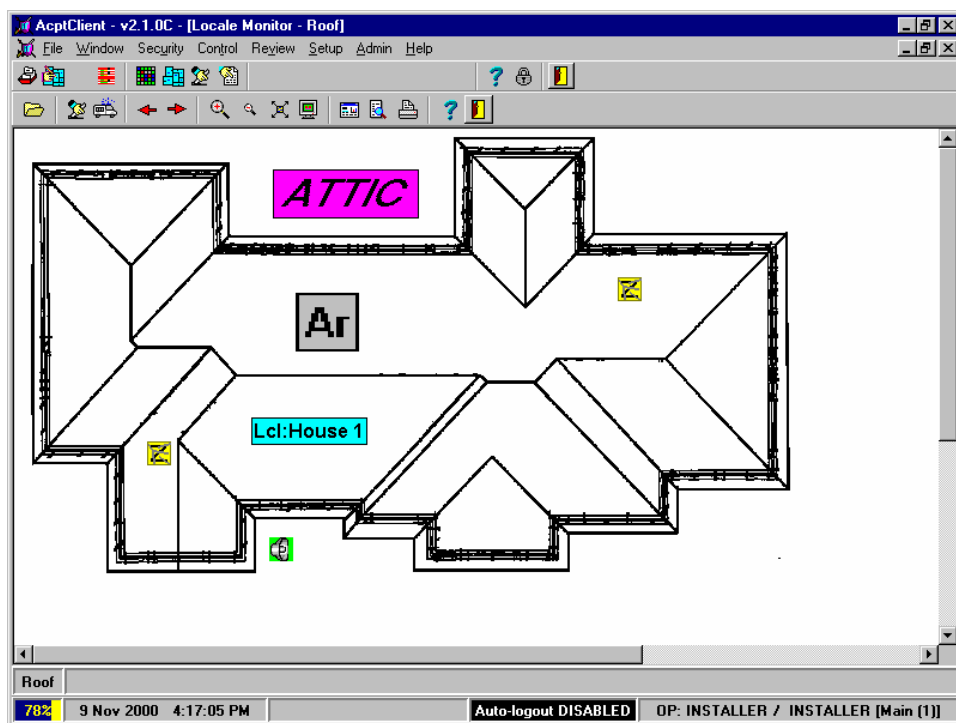
- Select from this list of locales using the incremental search input field or scroll and click on a list item.

After entering a search string in the **Search Characters** input box the search dialog will scan through the records from top to bottom until a match occurs on those characters entered so far. Narrow the search by typing in more search text.

16.2 Monitoring Locales

Use the Locale Monitor to view in real time any changes in inputs, areas, doors etc... throughout a secured area. If the locale monitor is invoked from the **menu** or **main buttons** then the first (default) locale in the database is displayed. Alarms may also be acknowledged from this window.

Right mouse click on any entity to invoke a pop-up menu. Acknowledge alarms, jump to sub-locales or control entity states from this menu.



16.2.1 Monitoring Tips

- Once a locale image is loaded the locale name is shown in the status bar at the bottom right of the locale monitor window.
- To determine the identity of an icon single left click on it, the entity name (and reference) of the icon will be displayed in the middle status bar of the editor window.

- Double left click on existing icons in the diagram to invoke a control feedback dialog, for that entity.
- You cannot move, cut, copy or edit the locale monitor diagram. You need to run the locale editor for this. You cannot run the locale editor while the monitor is visible and vice versa. You must have sufficient **permissions** (be installer) to invoke the locale editor.
- Double Right mouse click on a locale Reference causes the locale diagram to load and display the referenced locale.
- Right mouse click on most locale icons (entities) will invoke a pop-up menu, which you can use to control, acknowledge/reset the entities alarm state, go to the referenced locale or invoke the DB navigator and editor (where permissions allow) for the entity selected.
- A locale icon will flash if an alarm exists in the locale to which it points. By distributing locale icons suitably it is possible to navigate alarms from a single “overview” locale diagram which may be invoked automatically according to review manager alarm processing options as alarms are received.
- Zone and Area states indicate either the actual state of the input as it is connected to the Concept system or it's acknowledged or reset state. A zone/input for which an alarm exists is displayed according to the graphics setup previously. The icon state therefore can indicate that an AcptNet acknowledgment or reset is pending and at such time does *not* indicate the actual state of the input as it is connected to the panel until after all alarms pertaining to that input are acknowledged or reset.

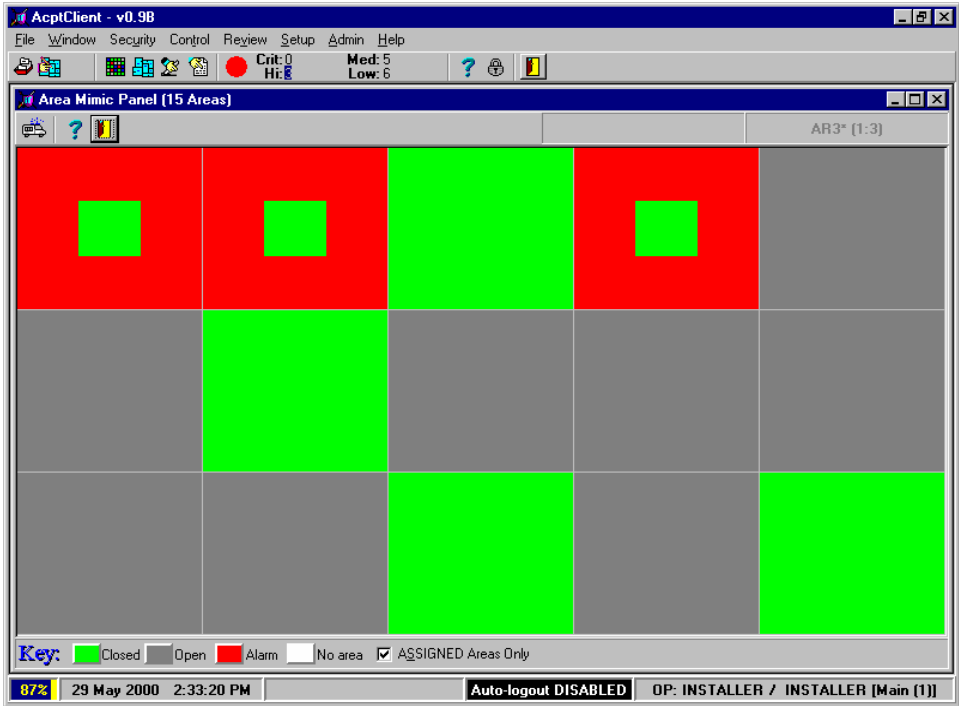
16.2.2 Buttons Explained

- Open an existing locale by clicking on the open (folder) button. A **locale list dialog** will be displayed, select an item and click OK in the list dialog to open a locale diagram.
- Select a controllable icon then click on the control button to invoke a control feedback dialog for that entity.
- Select an input or area that is in alarm and acknowledge any pending front-end alarms with regard to the area or input selected, by clicking on the ack alarm button.
- Click the Zoom In button to enlarge the displayed locale image. Scroll around the diagram using the scroll bars to the right and bottom of the window.
- Click the Zoom Out button to shrink the displayed locale image to fit better within the locale display window.

- Click the Original Size button to return the current locale image to its original (designed) size. This will be the size of the image as it was before zooming and after any stretching was applied.
- Click on the full screen mode button to force the locale image to be displayed in full screen. Menu bar and tool bars will not be visible. Hit escape at any time to revert to the original window properties.
- Click on the left arrow button to go back to locale diagram that is the parent of the current locale if one exists. A parent locale is any locale that contains the current locale through a child locale reference.
- Click on the right arrow button to Go to the child Locale referenced by the selected locale reference in the current locale diagram.

17 MIMIC PANEL

The mimic panel (enunciator panel) is a grid of squares. It is used to show 'at a glance' the alarm or active state of all areas or just assigned areas over the whole Concept network (all panels) as limited by the current operator's tenancy. The inside square of a grid area item indicates the physical state of the area, the outside square if it exists indicates the alarm state of the area, ie. indicates if there are any unacknowledged alarms for that area.



TIPS

- The fly-over area information field (greyed text in the top right corner of the dialog) displays the area name of the area square immediately below the mouse, this will not necessarily be the same as the name of the highlighted or selected area.
- The Highlighted Area information (solid text at top right of the area grid status bar - next to the fly-over area information) is the area name of the highlighted or selected area of the grid. Single click on an area square in the area grid to highlight that area.
- The state grid is also known as an enunciator panel and displays all applicable area states by a single coloured square. A single square is displayed for each area (limited

by the operator's tenancy and "assigned" check value) in the concept network. The colour of any square indicates the current state of the area (closed-on, open-off or alarm-front end alarm pending). An area is in alarm if any alarm events have been received by the front end that pertain to the area and have not been **acknowledged**. The alarm options in the **review manager** for the type of review events received determine the alarm priority.

- Double click on an area square from the area grid to go immediately to the **locale diagram** (if one exists) in which that area is situated.
- Double click on any of the coloured **Key** squares in the bottom left of the dialog, to customise the area state colours.
- Select an area square (left mouse click) then click the acknowledge button to acknowledge all alarms (if any exist) specific to that area.
- To limit the number of areas displayed to just those areas that have been assigned in any panel programming ensure the **Assigned Areas Only** check box is ticked. See **assigned entities**.
- Right mouse click on any area square to invoke a pop-up menu. Use this menu (where permitted by the **operators permission's**) to control areas to go to the **locales** containing the selected area, acknowledge/reset alarms on the area or where permissions allow, invoke the DB navigator and area editor for the selected area.
- Unknown (blank) areas in the area grid (enunciator panel) are simply unassigned empty squares. They do not represent any areas in the system and simply fill the space remaining in the area grid rectangle.

18 ACCESS COUNTING

18.1 Setting Up Access Accounting

Select Accounting | Setup, where access counting is enabled in the hardware key, to invoke the following dialog. This option will only be available once registration has enabled this feature in the hardware key *and* the **Setup | Preferences | Miscellaneous | Enable Access Counting** option is ticked.

Access Counter Setup

Max Entry Count: 104

Valid Period: 24

Exit Grace (s): 20

Entry input: R01:Z01*

Exit input 1: E01:Z02*

Exit input 2:

Control: ☒ Exit Aux ☒ Full Aux

Full Aux: B01:X06*

Door 1: DR1*

Door 2: DR2*

☐ Neutralise user-type on empty purse

Cnt Entry Count: 90

Sec

Min

Hr

Entry input state: Alarm

Exit input 1 state: Alarm

Exit input 2 state:

Exit 1 Value: 500

Exit 2 Value:

Exit aux 1:

Exit aux 2: B01:X07*

Use this to dialog to configure the inputs and outputs for counting, debiting and control of panel user access through specific doors. This feature can effectively be used to control access out of and auto-debiting of users within a two boom car-park.

TIPS

- When initialising the counting system for the first time, the operator must know and enter the **Current Entry Count** so that the system can accurately determine when and if the system becomes full.
- Define the single **Entry Input** to count users as they enter the system. When the number of users reaches the **Max Entry Count** the system is deemed full and the **Full Aux** is enabled provided the **Full Aux** check box option is ticked. Identification of the user upon entry is not determinable.
- Whenever the exit inputs are used, the user account is not debited, instead the system will records an accumulated income for each input according to the value of the **Exit # Value** fields - thus the exit inputs could correspond to coin/cash input triggers. The

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user account is only debited whenever there is an access on either of the doors (**Door 1** or **Door 2**). In the latter case the user account is debited according to the debit value assigned in the user editor.

- The **Exit Aux #** is controlled by AcptNet provided the **Exit Aux** check box is ticked and user access is granted or when an exit input is triggered. Successful user access will depend on the payment type of the user and/or provided sufficient funds exist in the purse to cover the user's debit value (configured in the AcptNet Client/User editor), or whenever one of the exit inputs are triggered. In the latter case the user ID of the access will not be known.

In general using AcptNet to control access within the security system is *not* recommended where the AcptNet Server PC is disabled or powered down regularly, no UPS is present or where *fast* reaction and aux-control time is required.

- The exit grace determines how long user accesses of the exit door (readers) is permitted before the access is treated separately. That is the system will only count 1 access (even if the user accesses the exit door more than once) within the grace period.
- Enable the **Neutralise user-type on empty purse** to allow the AcptNet system to disable user access forcefully (clear the user type of the user) should the user's purse become empty or be insufficient for future access.

18.2 Summary Access Counting

Invoke the following dialog from the **Accounts | Summary** menu item. Access Accounting must be enabled at the server and permission's granted for the current operator. The summary table gives the daily totals by count and revenue for all accesses.

Setup and Print Tables - Access Statistics

Order by: Date,Time Go ☐ Assigned records

Date	Day	Time	Card Users	Tot. Card	Man. Exit	Tot. Ex. 1+2	Acs's In	Tot. Revenue
26/7/2000	Wednesday	11:25	2	400	8	3800	19	4200

Records: 1

TIPS

- Format the columns and column titles as per the usual Print Preview mechanisms.
- Revenue fields are displayed in single units (eg. Cents, Yen etc...)

18.3 Watching Access Statistics

Invoke the following dialog from the **Accounts | Watch Stats** menu item. Access Accounting must be enabled at the server and permission's granted for the current operator.



The 'Access Stats' dialog box displays the following information and controls:

- Title Bar:** Access Stats: 26/Jul/2000
- Current In:** 100
- Exit Input Count 1+2:** 8
- Cards:** 2
- Last User:** John Nobody
- Full Aux:** Off (radio button), On (radio button)
- Door/Aux 1:** Lock (radio button), Unlock (radio button)
- Door/Aux 2:** Lock (radio button), Unlock (radio button)
- Buttons:** ? Help, Close
- Visuals:** A blue vertical bar on the right indicates 100% full. A red digital display shows 'FULL'.

TIPS

- The total number of users that have entered the system (and have not exited) is displayed in the **Current In** field.
- The number of manual exits (via the exit inputs 1 and 2) is displayed in the **Exit Input Count 1+2** field.
- The user name of the last user access (by card or PIN) is indicated in the **Last User** field and the total number of cards presented is indicated in the **Cards** field.
- The state of the full auxiliary and associated output locks are indicated the in the remaining graphic fields. Manual control of these auxiliaries is permitted from this dialog.

19 PHOTO-ID AND CARD MANAGEMENT

19.1 Card Design

The card design editor is only available where a PHOTO-ID license has been purchased and/or AcptNet Server dongle registration upgraded.

The card design dialog is invoked from the **Card | Design** menu of the main menu.



Card designs are specific to a tenant. If multiple tenants are defined in the AcptNet system, they will **not** have access to each other's card design. Only the INSTALLER tenant can view all card designs across all tenancies, this permits card designs to be copied and assigned to tenants that require them.

TIPS

- Open an existing card design by clicking on the open button (top left corner) or scroll through the designs as they exist in the database by clicking on the first/next/prior/last (red arrow) buttons in the toolbar.
- Start a new report, cancel changes or delete the current report by using the left most buttons of the top toolbar.

- Make a duplicate copy of a design by clicking on the "Start new record and copy" button. The new design will be titled "Copy of <original name>", rename the design from within the description edit field to the right of the top toolbar.

Page Layout

The first course of action when creating a new card design will be to specify an appropriate paper size. Use the layout dialog to configure the page size, margins, units of measure, frames and/or adjust band sizes etc...

Starting a Design by Adding Bands

A design is simply a collection of components placed within a "band". A band is a horizontal strip across the width of the paper. The operator will normally create a *detail band* after starting a new report by clicking on the detail radio button of the band selection toolbar, click on the displayed page of a new or current report to invoke the band tool-bar if not immediately visible. You will not be able to add components to the design until you have chosen and placed a band on the page. Once a band is added, components must be dropped into the band. The band should be large enough or the components sized so that they are not "clipped" or "cropped" by the vertical or paper limits of the band. The band always extends across the whole width of the page. It is normal when creating card designs to use a single detail band and to size it to the size of the page, ie. all margins set to 0 in the page layout and detail band height set to the page length. Use the page layout dialog to size the detail band more accurately.

Assigning to a Tenant

When using the card designer as an INSTALLER tenant the **Tenant** button will be visible and enabled once a report is opened. Use this button to invoke the tenant list and chose a tenant to which to assign the current card design or make a copy of a card design first then assign that copy to the required tenant.

Selecting a User

Click on the **Select User** button to invoke the available user list of users visible to the current tenant. The user record selected will be used to "fill" in the information specified by the descriptors of each of the components in the design. Thus when the design is previewed the image (if used) will show the selected user, the surname and first name (if used) will be the first and surname of the user selected. If no user has been selected the first available user in the current tenancy will be assumed.

Previewing and Printing

- Click on the "Preview" button to invoke the preview dialog. By default the preview dialog shows the card in actual size as it would appear after it is printed, click on the zoom buttons to the left of the preview toolbar to change the magnification.

- Click on the "Print" button to invoke the system printer dialog then click **OK** to start printing a card based on the current design and user information, only 1 page/card will be printed. You may print to any Windows compliant paper or card printer.

Design Tools/Components

The components supported include the following:

- **Add Label/Value.** Click on this button to begin adding a label or expression to the design. Click on the edit page to drop the selected component type on the design. The expression toolbar will appear. Click on the "Assign Properties" (ellipses) button to invoke the item properties dialog. Use the expression editor to define the appropriate database field to use or label contents to be displayed in the final printout. Click on the "Bring to front" or "Send to Back" button to position the component in front of or behind all other components on the page.

Change the font/background colour and/or highlight a frame around the label with the colour and frame buttons at right in the expression toolbar. You may also change the justification/alignment of the label relative to its container box, using the centre left or right align buttons.

Choose a font for the label text using the font name and font size combo boxes. Type in a font-size where the required value is not listed.

Click on the auto-size button (far right) to ensure that the labels container box is auto-sized (width and height adjusted to fit the label text size). If the label is not set to "auto-size" then you will be able to resize the container box, such that it overlaps other components, the label text however will be printed at top of the container box, ie. the font size is not changed.

Click on the "Position and Resize" button to invoke the item position dialog. The size and position of the component is shown relative to the page boundaries in the current units of measure - selected from within the page layout dialog.

- **Add Shape.** Click on this button to begin adding a shape to the design. Click on the edit space to drop the selected component type on the design, the shape type toolbar will be displayed. A rectangle shape is initially assumed, resize by dragging the focus handles.

Click on any of the shape type buttons of the shape tool bar to change the shape of the component or highlight the sides of the container rectangle, change the line colour or "fill" colour by clicking on the "Frame Colour" or "Background Colour" buttons, if the component is a line shape then it will have no "fill" colour.

Click on the "Bring to front" or "Send to Back" button to position the component in front of or behind all other components on the page.

Click on the "Position and Resize" button to invoke the item position dialog. The size and position of the component is shown relative to the page boundaries in the current units of measure - selected from within the page layout dialog.

- **Add a static image.** Click on this button to add an unchanging graphic to the design. Click on the edit space to drop the selected component type on the design, the expression toolbar will be displayed. Click on the "Assign properties" (ellipses) button to invoke a system file explorer dialog, navigate to the network/drive and directory from which the required image is to be loaded. The image is displayed immediately. Only JPG (JPEG) and BMP graphics are supported. The image path, displayed in the property information field of the expression toolbar, only indicates the address from which the image was originally loaded, if the image file is subsequently deleted or moved the image component is not effected. The *image* is *always stretched* to fit the container box shown.

Click on the "Bring to front" or "Send to Back" button to position the component in front of or behind all other components on the page.

Click on the "Position and Resize" button to invoke the item position dialog. The size and position of the component is shown relative to the page boundaries in the current units of measure - selected from within the page layout dialog.

- **Add DB image.** Click on this button to add a database determined image to the design. Click on the edit space to drop the selected component type on the design, the expression toolbar will be displayed. Click on the "Assign properties" (ellipses) button to invoke the image item properties dialog. The only useable image field available in the USERS table will be the IMAGE field, this is the same image field used in the user editor. The image is always stretched to fit the container box shown, hence edit the image using image manipulation dialog from within the user editor to ensure the image is appropriately proportioned and presented.

Click on the "Position and Resize" button to invoke the item position dialog. The size and position of the component is shown relative to the page boundaries in the current units of measure - selected from within the page layout dialog.

- **Add Bar-Code.** Click on this button to add a database derived bar code to the design. Click on the edit space to drop the selected component type onto the design. The expression toolbar will be displayed as well as the bar code properties tool-bar. Use the latter to specify the bar code type, size of the bars and bar space ratio. You can also use this toolbar to change the bar colour and bar background colour as required.

Click on the "Bring to front" or "Send to Back" button to position the component in front of or behind all other components on the page.

Click on the "Position and Resize" button to invoke the item position dialog. The size and position of the component is shown relative to the page boundaries in the current units of measure - selected from within the page layout dialog.

NOTE: When sizing the bar code component remember that the individual bar widths are calculated to the ***nearest pixel***. Thus the actual bar code width when viewed on the screen may differ from the bar code width when printed. This is due to the fact that the printers "pixel" resolution is usually a lot higher than that of a video screen, consequently rounding errors may make the individual bar widths wider or narrower and affect the overall bar code width. Thus you may need to print a sample card to ensure the bar code is sized appropriately, alternatively give plenty of extra width to the total bar code or reduce the bar width value in the editor to allow for some "expansion" when printing a hard copy.

- **Cancel Add.** Hit this (grey arrow) button when you have selected a component type (labels, shapes, images or DB images) to add to the design *but* wish to abort.

Page Editing Sizes

Click on the "Zoom to fit", "Zoom to 100%" or "Zoom to width" buttons of the main toolbar to change the working size of the page, this ***does not*** affect the actual preview or print sizes of the design. It simply magnifies the working area for improved visibility. Do not confuse the zoom size with the page size specified in the page layout dialog.

19.1.1 Card Design - Page Layout

The card/page layout dialog is invoked from within the card designer dialog.

The 'Report Settings' dialog box is shown with the following settings:

- Paper size:** Custom Size (dropdown), Width: 85.00, Length: 54.00, Landscape (dropdown).
- Margins:** Top: 0.00, Left: 0.00, Column space: 0.00, Bottom: 0.00, Right: 0.00, Number of columns: 1 (spinner).
- Other:** Font: Arial (dropdown), Size: 10 (dropdown), Units: mm (dropdown).
- Page frame:** Top, Left, Bottom, Right (all unchecked), Color: black (with Change button), Frame width: 1 (spinner).
- Bands:**
 - Page header: unchecked, Length: (empty)
 - Title: unchecked, Length: (empty)
 - Column header: unchecked, Length: (empty)
 - Detail band: checked, Length: 54.00
 - Page footer: unchecked, Length: (empty)
 - Summary: unchecked, Length: (empty)
 - Print first page header: checked
 - Print last page footer: checked

Buttons at the bottom: Apply, OK, Cancel.

TIPS

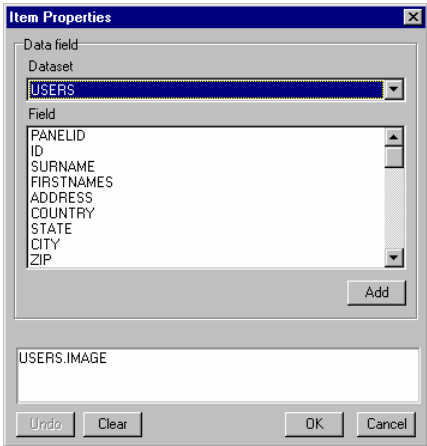
- For most card printers you will need to specify a "custom" paper size. In which case you should select "custom" from the **Paper size** drop down list then enter the paper **Width** and **Length**. The standard credit card dimensions are 85mm wide by 54mm tall. This is considered by most printers as a landscape orientation (since the width is greater than the length).
Consult your printer manual for information about how cards are loaded and their default orientation.
You can apply the custom settings entered to any printer when printing the card design however only the corner of the paper (if larger than the card size) in the destination printer will be used according to the custom size. This is useful for verifying the card design "look and feel" on a standard paper printer without wasting blank cards.
- In general when printing to card printers the margin size can be set to 0, the detail band (if used) is therefore usually sized to the length of the paper/card. This will provide access to the whole card surface, in the designer. Bandwidths are always set to the maximum printable width - that is the paper width minus any left/right margins.

- In general for card designs you need only specify a detail band. It is also usual to set the detail band height to the height of the printable area (the area within the page margins).
- The number of columns affects the detail and column header bands only, the detail information is printed once per record from the database, since card printing utilises only 1 record at all times the additional columns will NOT be used to display additional records. Use only 1 column with no column space.
- A page frame can be added, this forces a line to be drawn in the specified colour at the margins of the report. The width of the frame is in screen pixels. Preview the design to get an idea of the how the frame is applied.

19.1.2 Item Properties

19.1.2.1 Image Item Properties

When configuring DB image item properties from the card designer the following dialog is displayed.



TIPS

- In general only the IMAGE field of the users table should be selected from the field list box. At this time no other image fields are provided, all other table fields contain text information and hence will not result in a visible image in the underlying DB image component.

- The default dataset or DB table is USERS which contains information about the current user for card printing.

19.1.2.2 Label Item Properties

When configuring label properties from the card designer the following dialog is displayed

TIPS

- Click the **Undo** button to undo the last alteration to the Expression field.
- Click the **Clear** button to clear the current expression field, this operation cannot be "undone".

Simple Label

Define a simple label by typing in a string into the **Constant** field of the dialog and then activate the **Add String** button. The entered string will be displayed in the expression field. Click **OK** the instigate the settings.

DB Information

If the label must contain the contents of a USER table field then select the appropriate table field from the **Field** list box. The USERS dataset(DB table) is assumed. Click **Add** to associate a field descriptor with the label. The descriptor is displayed in the **Expression** field of the dialog. This "descriptor" tells the card process that the value of

the label is variable and will contain USER editor information specific to the contents of the relevant editor field for the current USER.

Functions

The available functions from the function list box can be used to pre-process the field-descriptor and/or simple label values to alter the way they are displayed in the final printout/preview. Be aware however that some functions will have little affect where only one record in the USERS table is available for each card specific print/preview - for example the average of the ID field will always produce the value of the current user ID.

A simply syntax string (bold) and hint is displayed below the function list box indicating the format of the function and helps to explain how the function works.

For Example: Create a label to display the current user name on a card in 10 characters or less.

The first step will be to select the COPY function and add this to the expression field. The field will now contain **COPY(**. You must now select each of the parameters of the function. The first parameter according to the format description is X which is a string expression according to the hint. Thus the expression is the object we will be working on, in this case the user name. Select SURNAME from the **Fields** list box and **Add** this to the expression. The selected field descriptor will be displayed by **"COPY(USERS.SURNAME,"** the comma indicates that additional parameters are expected for the current function.

Now according to the format description and hint a starting number is expected. This is the character position we wish to start at in the first parameter, enter 1 in the **Constant** field at the top of the dialog and **Add No.** The expression field will be displayed as **"COPY(USERS.SURNAME, 1,"**. Further function parameters are expected, indicated by the trailing comma. The format description and hint indicates that a length number is expected. This is the number of characters starting and including the start character we wish to use from the first parameter. Enter 10 in the Constant field and **Add No.** as before.

The expression field should now show **"COPY(USERS.SURNAME, 1, 10)"** a trailing bracket has been added to indicate that the function has been correctly completed. Click **OK** to apply the function to the underlying label component.

Thus the function will be applied to the given working field (USERS.SURNAME) to alter the way it would normally be displayed in a printout or preview.

If the expression is incorrect or parameters are not valid and no result can be computed, then the function string will be displayed in the contents of the label component in a printout/preview. Thus you should preview your card designs to ensure that the output will be correct.

Parentheses

Add a left parentheses to begin a sub-expression within the current expression definition.

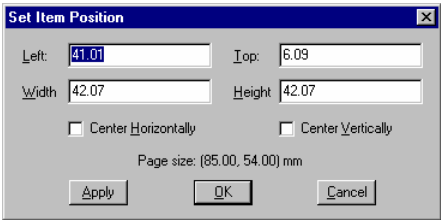
For Example: To change the contents of the second parameter in the above example to a more complicated function or sub-expression, a parentheses must be added before the second parameter is added to the function. Thus add a left bracket to "COPY(USERS.SURNAME," to show "COPY(USERS.SURNAME, (" then start an additional sub-expression or function. When the additional expression/function is complete add a right bracket. The expression field will show (for example) "COPY(USERS.SURNAME, (10 - 9)," with a trailing comma to show that the second parameter has been completed and a third (final) parameter is now expected.

Operators

Use the operator buttons to allow arithmetic operations to be performed (if necessary). In addition to simple arithmetic 2 strings can be added, thus "abc" + "def" gives the string "abcdef". Use the IF() function and any boolean operators to define the necessary conditional logic of a labels contents.

19.1.3 Item Position

The item position dialog is invoked from the card design dialog. Use this dialog to position the selected item in the card design page relative to the page limits.



TIPS

- Tick the **Centre Horizontally** check box to centre an item horizontally in the card design page (ie. between the left and right edges of the page). The **Left** input field will be disabled.

NOTE: To ensure labels (regardless of the size of their output strings) are centred over a particular point, ensure that centre justification is used.

- Tick the **Centre Vertically** check box to centre an item vertically in the card design page (ie. between the top and bottom edges of the page). The **Top** input field will be disabled.
- Apply the changes to the underlying card design page to see how the item is affected.
- Change the width and height of the item (if applicable) relative to the current page size and units of measure.

19.2 Card Pool Management

The card pool dialog is invoked from the **Card | Manage Pool** menu item of the main menu. This feature is only available to PHOTO-ID licensed clients.

Card Allocation Pool

Card Type: ☐ Credit ☒ Site Card ☐ Direct

☒ All card numbers

Start: 1 End: 1000

Count: 1000

Issue #: 0

Increment: 1

☐ Panel: ALL PANELS

Delete Synch Users Replace Add

View ? Help Exit

TIPS

- Use the card pool to manage the card numbers of a sequence of physically available cards. By allocating a card pool in the AcptNet system, the AcptNet clients can instantly know which cards are available, which are lost and which users own them.
- In general cards are allocated to users in sequence. Thus the next available card in the card pool should always be the lowest numbered unused card. It is important therefore - to simplify card allocation - that cards be numbered in sequential blocks and assigned (and printed) sequentially for users from within the user editor.
- A card pool is unique to every tenant. However if both tenants in a system utilise the same card type in the same panel (eg. both use site-cards) then the range of site cards created for each tenant must be unique (no-overlap), this ensures that all users of the common underlying hardware have a unique card.
- To allocate a range of card chose the card type: **Credit**, **Site Card** or **Direct** from the card type radio group, then specify a **Start** and **End** card number (or **Count**) from the relevant edit fields. Activate **Add** to add a new range to the card pool or **Replace** to

overwrite and reset the range of cards in the card pool. Replacing a range of cards, clears their user ID assignment and any lost/used information within that range.

- Select a specific panel as required or add/replace the card pool over all panels simultaneously.
- The issue number field will only be available if the **Site Card** type is selected.
- Activate the **Delete** button to delete the specified range of cards for the given card type from the card pool.
- Activate the **Synch Users** button to match the given card pool range to the current card allocations in the user database. That is all card numbers assigned to users in the user database for the current card type will be marked as USED and USERID allocated in the card pool.
- Specify an increment that suitably matches the sequential ordering of cards in the physical pile. Thus if all card numbers are odd, set the **Start** number to an available odd numbered card from the pile and set the **Increment** to 2 then set the **Count** suitably or **End** values to the last available odd numbered card from the physical pile.
- Activate the **View** button to invoke the card pool viewer dialog showing the card pool for the current number range, panel and card types.

19.3 Card Pool "Lost & Found"

The card pool viewer dialog is invoked from the **Card | Lost & Found** menu item of the main menu. This feature is only available if a PHOTO-ID licensed clients exists in the AcptNet system.

Pnl.ID	Card Number	Card-type	Issue #	User ID	Lost	Used	Date Of Issue
1	1	SITECODE	0	1	☐	☒	14/2/2001
1	2	SITECODE	0	2	☐	☒	14/2/2001
1	3	SITECODE	0	3	☐	☒	14/2/2001
1	4	SITECODE	0	4	☐	☒	14/2/2001
1	5	SITECODE	0	5	☐	☒	14/2/2001
1	6	SITECODE	0	6	☐	☒	14/2/2001
1	7	SITECODE	0	7	☐	☒	14/2/2001
1	8	SITECODE	0	8	☐	☒	14/2/2001
1	9	SITECODE	0	9	☐	☒	14/2/2001
1	10	SITECODE	0	10	☐	☒	
1	11	SITECODE	0	11	☐	☒	
1	12	SITECODE	0	12	☐	☒	12/2/2001
1	13	SITECODE	0	13	☐	☒	12/2/2001
1	14	SITECODE	0	14	☐	☒	12/2/2001
1	15	SITECODE	0	15	☐	☒	12/2/2001
1	16	SITECODE	0	16	☐	☒	
1	17	SITECODE	0	17	☐	☒	
1	18	SITECODE	0	18	☐	☒	

Records: 4000

TIPS

- Filter the displayed card pool by stipulating the card state (**Lost**, **Available**, **Used** or **ALL**), card type, issue number (if card type is SITECODE) and any panel information or the date of issue of the requested cards.
- Right mouse click on the user ID field of the list and select "Show User" from the pop-up menu to invoke a user information dialog describing the user assigned the indicated card.

20MANAGING PANEL CONFIGURATION

20.1Select Panel Dialog

This dialog is invoked from the DB navigator when. Use this to select the panel you wish to program. You can copy information from panel to panel within any of the editor dialogs by activating the "copy to panel" button in the *DB editor tool bar*.

Select PANEL

Search:

Order By:ID

Pnl.Id	Name	Firmware
1	Busy Panel	v96.37
2	Old Panel	v2.05
3	New Panel	v96.27

? Help

3 Items

OK

Cancel

20.2 Select Entity Dialog

The dialog below is invoked whenever the operator is required to make a selection from within an editor. The information listed is limited according to the current *tenancy*. That is only records visible to this tenant will be displayed. Unassigned ,or unused, records are deemed visible by ALL tenants.

ID	Last Name	First Names
3	Adams	Veronica
209	Adams	John
309	Adams	John
4	Adonis	David
791	Ahmad	Abdul Jalil
5	Aitken	Colin
264	Allen	Bob
758	Altamura	John
163	Amato	Suzanne
277	Ambrosini	Tony
754	Anderson	Mal
974	Anderson	Justin
12	Arnold	Maurveen
13	Arnold	Tracey
8	Hynson	Vannya

TIPS

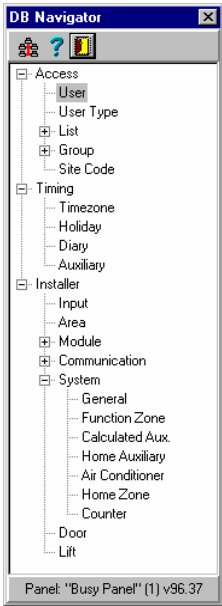
- The search box allows records to be located that start with the search string entered. That is the search dialog will search through the records loaded from top to bottom until a match occurs for the search text entered so far. Narrow the search by typing in more search text. Be aware that for large information tables (like users, inputs, auxiliaries) the records may not be available straight away, the items count at the bottom of the dialog will change to indicate that information is still being loaded.
- The Module selection box when visible allows the records displayed/available to be limited to the module or panel selected from the drop down list. If the entity type being displayed is Input or Auxiliary then the list will contain the module names of every module record available. If the dialog is invoked from within an editor, that list will automatically be limited to modules pertaining to the current panel.
- The Order By box allows the column ordering to be changed. The dialog is ordered alphanumerically according to the information in the column name specified. Alternatively click on the column title of any column to apply ordering according to the information in the column under the activated title.

- Click **OK** to accept the selection or double click on an item listed.

20.3 Database Navigator

Use the database navigator to manage the editors for the various panel data configuration groups. The information nodes in the tree are ordered in a similar fashion to the program sections of the concept panel menu. Single click on an editor item to open the applicable dialog.

NOTE: Certain editors or options may not be available/selectable when programming data for a panel running version 2 firmware.



TIPS

- Click on the panel button to invoke the **panel selection dialog** and select the panel for which programming changes are to be made.
- Click on any of the tree nodes to invoke the relevant editor. The tree nodes include:

20.4 Editor Tree

The various editors are activated from the tree nodes of the navigator which when fully expanded contain the following:

20.4.1 Access Editors

User

User Type

Site Code

20.4.1.1 List Editors

Area

Door

Siren

Lift

Floor

Auxiliary'

20.4.1.2 Group Editors

Menu

Access

Process

Interlock

20.4.2 Timing Editors

Timezone

Holiday

Diary

Auxiliary

20.4.3 Installer Editors

Input

Area

Door

Lift

20.4.3.1 Module Editors

LCD Terminals

LED Keypads (not supported)

Big Expanders(32)

Readers

Mini-Expanders

Expanders(16)

Intelligent Readers

Analogues

20.4.3.2 Communications Editors

- Comms. Tasks
- Phone Numbers
- DTMF Codes

20.4.3.3 System Editors

- General
- Function Zone
- Calculated Aux
- Home Auxiliary
- Air Conditioner
- Home Zone
- Counter
- C-Bus

20.5 Naming Entities

All the configurable panel items including areas, zones, door, lifts, floors, users, user types, area lists, door lists etc.. are referred to as entities. Because most entities in the Front-End application are referred to by name, it is essential that names be well chosen and assigned to entities. By default all entities are named as a combination of their type, panel number and ID or code. For example: area 3 of panel 2 will be named "*Area 2:3"; auxiliary 4 of expander 2 connected to panel 1 is called "*Aux 1:X04:E02" the '*' indicating that no name exists for the entity in the panel.

Generally entities whose names start with '*' are not assigned to anything.. they are "not used". Names should be chosen which describe the function of the entity. For example: Auxiliary 5 of expander 3 connected to panel 2 by default will be "*Aux 2:X05:E03", if the auxiliary is connected to a pool pump then the name "Pool Pump" is probably more suitable. Using sensible auxiliary names will make choosing entities much more intuitive when programming the panel.

You can assign names to entities that are not normally given names in the Concept panel, through the **database navigator** and subsequent editors. The names you assign to these entities are preserved even after a full upload from the panel provided the **Preserve entity names** option is checked in the **preferences dialog**.

20.6 Auxiliary and Input Codes

An auxiliary or input code is a special character string that uniquely identifies a concept auxiliary or input. Unlike areas, doors, floors and lifts which are identified by a panel

number and an entity number, auxiliary and input codes additionally require a module number and module type identification.

The module type is the type of Concept equipment to which the actual input or output is connected. Module types include:

- | | |
|--------------------------------------|---|
| ▪ expander module | E |
| ▪ terminal module | T |
| ▪ control module (main panel) | C |
| ▪ reader module | R |
| ▪ keypad module | K |

The module number refers to the number of the Concept equipment to which the actual input or output is connected. The module numbering goes from 1 to the number of modules of the same type that are installed. For example if four expanders and three readers are installed in the system the expander modules are identified as E01, E02, E03 and E04 and the reader modules are identified as R01, R02 and R03.

20.7 Editor Tool bar Buttons

The editor menu buttons consist of the following:



Find a new (unused) DB record. A new record is one that has not been **assigned**.



Save changes to current record. A change notification will be sent to the server and changes will be queued for subsequent download immediately.



Cancel changes to current record



Clear this record. Resets the name to the default name and clears all the programming fields. You cannot undo a delete.



Copy from a record in the current panel or from any other. A list will be displayed from which you can chose the record (from any panel) that you would like to copy *from*. Only relevant panel program information is copied to the current record, the record name and any extra information NOT copied.



Copy to panels. A **record and panel list dialog** will be displayed. Choose the records and the panels you would like to copy the selection to.



Locate a new record in selected panels and copy the current record to those new panel records. A modified record and panel list dialog will be displayed. Choose the panels you would like to copy the selection to, by default all panels will be selected.



Copy to all records in all panels whose ID (or CODE) is the same as the current editor record, see the copy by ID/NAME dialog



Copy to all records in all panels whose NAME is the same as the current editor record, see the copy by ID/NAME dialog



User Editor Only. Allows card information to be entered for several users all at once, starting at the current user. The **block copy dialog** will be displayed..



Shows the details of the first record in the table for the current editor.



Shows the details of the last record in the table for the current editor.



Shows the details of the record immediately *before* the current one.



Shows the details of the record immediately *after* the current one.



Preview and organise the current database table for the editor shown and allow printing of the data as a report. Invokes the **print-preview dialog**.



Displays the relevant help information for the current editor.



Close the current editor. You will be asked to save or discard changes if any have been made.

20.8 Editor Tips

20.8.1 Input Fields

The various field in the editors are represented by standard window input devices; such as edit boxes, spin-edit boxes etc... As such standard Windows input mouse and key accesses are supported.

In addition the following features may be available:

- Double clicking on a non-blank entity selection input field will invoke that entities editor. The selected entity determines the current record in the ensuing editor.
- Click on the attached button of an entity input box field to invoke the entity selection dialog. Use this to select the entity to be assigned to the current field of the current editor. Activating the **entity selection dialog** may be denied if changes have been made to the current record and are not saved or cancelled when requested.

20.8.2 Selecting Entities

Before selecting an entity from the current editor **Name** or **ID** input box you will be asked to save or ignore changes. Selecting an entity from the ensuing selection box will change the record position of the current editor to the selected entity.

Select an entity in the input field of any editor from the **entity selection dialog**. Invoke the dialog by clicking on the ellipses (...) button to the right of the input field.

Double click on the entity input field to invoke the editor for the entity type selected, operator **permission's** must be allowed on the editor being invoked..

20.8.3 The Alternate Field

Use the **Alternate** data selection input field in many editors to apply an alternate record reference from a list of predefined records. This alternate record definition will be used in place of the current record when the time zone (if assigned) becomes invalid at the Concept panel. The alternate record cannot be the same as the current record.

20.8.4 List and Type Editors

Double click on any list item in the current or available items list to edit that item via the appropriate editor, provided **operator permission's** on the invoked editor are valid.

20.8.4.1 Current Owned List

Use the owned-items contents list to view all the items that have been selected and thus belong to the current list, group or type in the list or type editors. Select an item and click on the right or down arrow to remove the item from the list. Select multiple items by clicking on a list item and holding the <shift> key or <ctrl> key down then click on another item. Double click on any of the items in the current entities lists to invoke the appropriate editor for that entity.

20.8.4.2 Available Items List

The Available Items List, in the *user type editor* or list editors (*area list*, *door list* etc...), contains the list of items (limited by the current tenancy) available for inclusion into the current list or group. Select the up or left arrow to include items into the current list or group. Select multiple items by clicking on a list item and holding the <shift> key or <ctrl> key down, click on another item. Double click on any of the items in the available or current lists to invoke the editor for the entity selected.

20.8.4.3 NON Tool Bar Buttons



Activate the left/down arrow button in the list/type editors to include the selected item(s) in the available items list, in the current owned list.



Activate the right/up arrow button in the list/type editors to remove the selected items in the current owned items list from that list. The selected items will longer be associated in the current record.



Activate the double left arrow button in the list/type editors to remove the selected items in the current owned items list from that list. The selected items will longer be associated in the current record. In the case of the *siren list editor* all sirens for all expanders are de-selected (unticked or blanked).



Activate the double right arrow button in the list/type editors to remove the selected items in the current owned items list from that list. The selected items will longer be associated in the current record.

20.8.5 Aux.List Options

Aux. list options when visible are used to configure the relationship between activation states of the auxiliary list and its individual outputs.

20.8.6 Days of the Week

Days of the week are entered by clicking on any of the small check boxes grouped together for the seven days of the week (or eight days if holiday type days are selectable). Any one or all days of the week may be selected. The check boxes are ordered as follows:

Sunday, Monday, Tuesday, Wednesday, Thursday, Friday Saturday Holiday
(timezone programming only).

In *timezone programming* the holiday check box when checked indicates that the timezone is valid in the date range of any holiday periods, which have matching holiday types - see *holiday programming*.

20.8.7 Time Fields

Times are entered as 24 hour values (ie. 0:00 for 12:00am and 23:59 for 11:59pm). While a place for seconds may be shown in the time entry field, seconds will always be 0. Scroll through the hour and the minutes separately by positioning the caret/cursor (|) on the appropriate part of the time and clicking on the small up/down arrows to the right of the field, or by using the up/down arrows from the keyboard.

20.9 Copying Panel to Panel

Copy information from one panel to another or multiple other panels using this dialog.

Copy/Clear USER in Panels by ID

Search: 10

Select All

Module: New Panel (1)

Assigned

Pnl.ID	ID	Last Name	First Names
1	7	Shot	Mug
1	8	US8*	
1	9	US9*	
1	10	Smithe	Jim
1	11	US11*	
1	12	US12*	

Copy

Clear

34 Item(s)

Search:

Select All

Pnl.ID	Name
1	New Panel
3	Old Panel

0 Items

TIPS

- Activate the Down Arrow button to copy the selected records to the selected panels. The records will overwrite existing records in the destination panels by record ID or CODE.
- Limit the source records viewed by selecting the module/panel of interest. By default the current panel (for the current DB editing session) is assumed.
- Use the search field to locate a source record whose prefix matches the entered text. The highlighted column title indicates the ordering applied to the source data and the

column scanned during the search. Type additional letters into the search input box to narrow the search.

- You cannot copy records to the same panel and you cannot copy records beyond the capacity of the destination panel.

20.10 Copying Records to New Panel Records

Copy information from one panel to new records in another or multiple other panels using this dialog. New (unassigned) records must exist in the panels selected for the copy to succeed.

Copy/Create new USER in Panels

Search: 10 ☐ Select All

Module: New Panel (1) ☒ Assigned

Pnl.ID	ID	Last Name	First Names
1	7	Shot	Mug
1	8	US8*	
1	9	US9*	
1	10	Smithe	Jim
1	11	US11*	

100 Item(s)

Search: ☒ Select All

Pnl.ID	Name
1	New Panel
3	Old Panel

0 Items

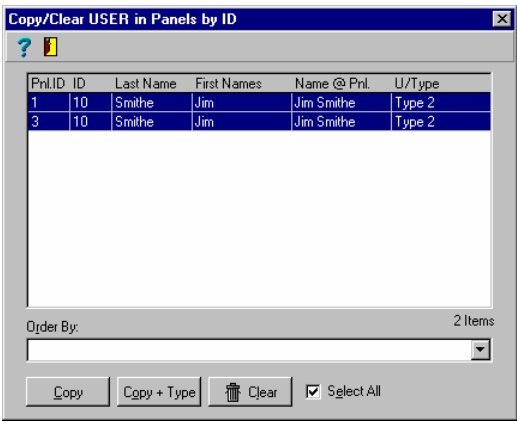
TIPS

- By activating the "To New" button new (unassigned) records in the selected panes will be located the selected record in the topmost grid will be copied to the new located panel records. *The records located however will not necessarily have the same record ID or CODE.* Once copied the records created can be best tracked by the record name, using the copy-by-name button in the relevant editor- see the editor toolbar buttons. The record will only be copied to panels whose ID is *NOT* the same as the current panel.

20.11 Copy By ID Editor Dialog

Use this dialog to manage records across multiple panels. Use the copy-by-ID dialog when maintaining the same record ID for each database entry across all panels.

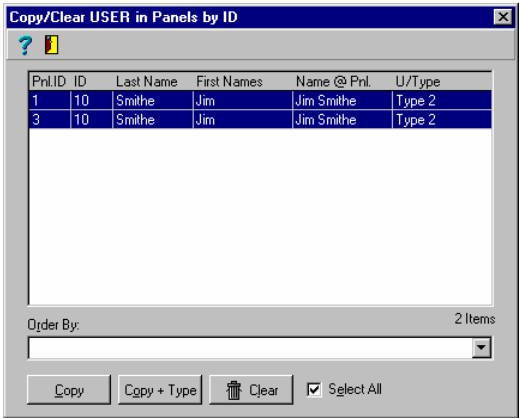
Activate this dialog from the editor tool bar to track records across multiple panels for the same record ID or CODE.



20.12 Copy By NAME Editor Dialog

Use this dialog to manage records across multiple panels. Use the copy-by-NAME dialog to manage records across multiple panels regardless of the ID or record location in each panel. Be aware however that the NAME chosen for the record must be unique for all records of the same type, this will ensure that only ONE record so NAMED is shown for each panel.

Activate this dialog from the editor tool bar to track records whose name match across multiple panels. The record IDs/CODEs need not necessarily be the same.



TIPS

- Active the "Copy" button to copy the contents (including name and contents) of the current editor record to the records selected.
- When editing user records an additional "Copy + Type" button will be visible. Use this button to copy the contents of the parent editor record to all selected records *including* the user type.
- Right mouse click on any item in the grid to invoke a pop-up menu. Use the menu to change the record name or if it is a user record to select, view or edit a different user type specific to each panel of each individual user record in the list.
- Activate the "Clear" button to "delete" the records selected in the grid.

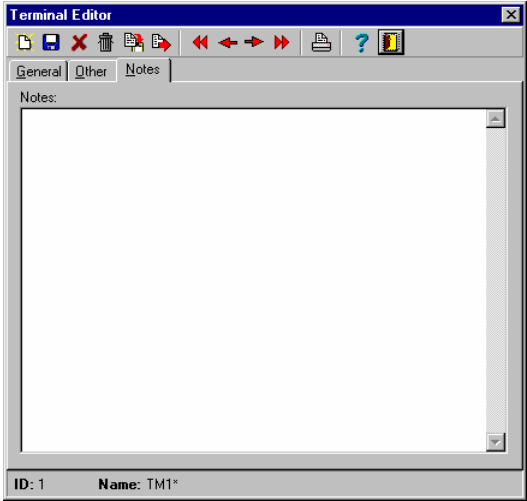
NOTE

The records listed always include the current record of the current editor.

20.13 Module Notes

Use the *module notes page* of any module editor to access the note editor.

Notes can be entered in any of the module editors in the system. These note taking facilities are provided to help programmers memorize module locations, information about wiring or other issues related to the physical installation of each module. The purpose of the module and any programming issues should also be included.



20.14 Users Editor

Information about users defined within this editor can include a image of the user (must be a bitmap or jpeg image), as well as address and related information. The latter information is not downloaded or stored in the panel in any way. As such it is important to backup the front-end database to zip periodically (from the server) so that this extra information can be restored if necessary.

Refer to panel programming reference for more detailed information about the modes and option values applied in this editor

The main page of the dialog all the general user parameters stored in the panel as well as some additional fields stored only in the AcptNet database, including the user image, address, state, city , ZIP, Country, Info1, Info2 fields.

NOTE: Right mouse click on the user image to invoke a pop-up menu. Additional capture and manipulation features are only available to PHOTO-ID licensed AcptNet clients.

Users Editor

General | Cards

Last Name: ...

First Name: ...

Address:

State: : Country:

City: ZIP:

Info. 1:

Info. 2:

User Type: ...

Options:

☐ (N)o Ack ☐ (N)o Greet.

☐ (D)irect Code

☐ (L)ist Default

☐ (E)xta Area Off

Rank: 1 ☒ 2 ☒ 3 ☐ 4 ☐ 5 ☒ 6 ☐ 7 ☐ 8 ☒

Name at Panel:

ID: ...



Extra Area: ...

PIN: ...

Expiry Date: Expiry Time

Trigger:

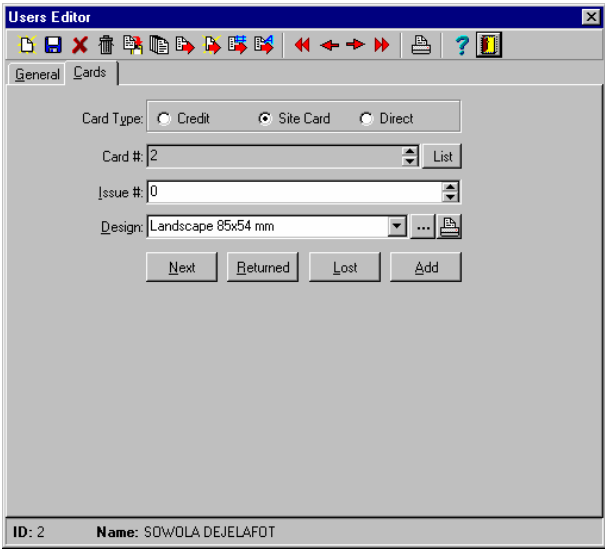
☐ Any Year ☒ Any Minute

☐ Any Month ☒ Any Hour

☐ Any Day

The card page displays the current users card settings, card number issue value and card-type as stored in the Concept Panel.

NOTE: Card *design* features/selections will only be available to if a PHOTO-ID license is operating in the AcptNet Server and assigned to *this* AcptNet client. Card *management* will only be available if PHOTO-ID license is operating in *any* AcptNet client.



20.14.3 Accounting (Car Park) User Editor

The extra information fields (**Debit Type, Purse, Debit, Rego**) are provided whenever Access Accounting is enabled. Use these fields to specify the pay type and debit value whenever this user accesses the exit doors defined in the accounting setup. Modify the extra field labels to customise the meaning of the fields according the application of the accounting feature, eg. car park.

TIPS

- Panel User Names are limited to 16 characters. The application will derive a user name based on the first and last names entered. The derived name will always display as much of the last name as possible. The first name will be truncated if the total name exceeds the panel's character limit.
- Extra user information not stored in the panel includes **address, city, state, country, zip, info1 and info2**. These details are available to the application but will not be available at the panel. The labels for each of these fields may be changed (right mouse click on the label name), once changed however the changes apply to all user records but do not affect the current content of any user's extra fields. NOTE: the extra information fields change when user Access Counting is enabled and include, **department, pay type, purse, debit, rego., info1 and info2**.

The information stored in the address/department and info fields can be any string up to 256 characters, other fields are limited to 16, 32 or 64 bytes.

- Double click or right mouse click on the address, department, city, pay type, purse, debit, rego., state, country, zip, info1 or info2 labels to change their captions: The operator must have permission as defined by his/her permission set to do this. The caption changes affect the user editor window and are not specific to any user being edited, ie. the captions are changed for all user records.
- Select a User Type to determines how a user accesses the Concept Panel, by applying certain menu permissions and time zones to all users with that user type. The user type is configured from within the User Type Data Editor.
- The User Options determine how the panel responds to the current user accessing the system. See the Concept operators manual for more information.
- A user's access Card Type is required for the current user. Set to **Credit** if no physical card is required. The card used to gain access to the system must be registered with the system. A card number may be required.
- Generate a random PIN for the user (PIN length determined by the PIN digits option of the preferences dialog) by clicking on the ellipses button (...) to the right of the PIN input field. The editability and visibility of the PIN number for users is determined by an operators permissions.
- Any user in the system can be given an expiry date. Use the expiry date entry field to enter a date. On and after that date the panel will no longer recognise that user. The user will be denied access to the system.
- Date/Time Trigger options are used to select how a date is to be used by the panel. If 'Every Year' is checked then the year of the date is ignored, the date and time will trigger regardless of the year. Similarly if 'Every month' is checked the month of the date is ignored, the date and time will trigger regardless of the month. Similarly for day, hour and minute.
For example: to display a diary message on New Years day, all day and each year, only the year, hour and minute fields of the trigger options should be checked.
- Rank is used to grant or limit access by one user or user type to other users' accounts on the Concept panel. Any or all of the rank bits can be set. A user of rank 1 can access users details of rank 2. If none of the rank bits are set then the user/user-type has full access to all user details.

IMAGE MANIPULATION AND CARD MANAGEMENT

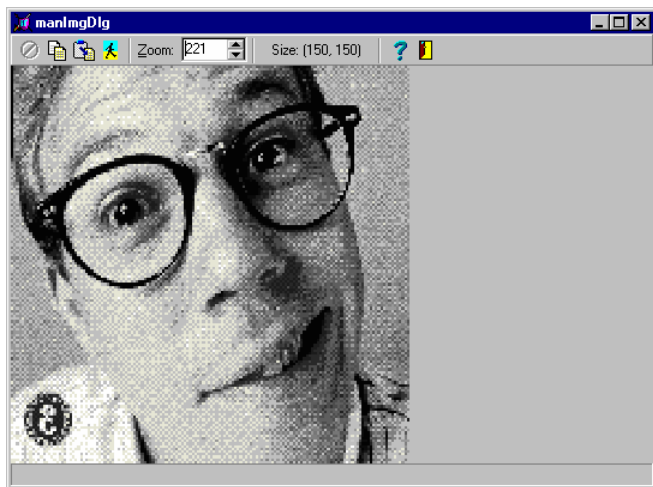
- Right mouse click on the user image field and select **Load Image**, **Clear**, **Capture Image** or **Manipulate Image** from the pop-up menu to: Load a new user image from a file, clear the current image, capture an image from a TAPI compliant device (eg. video camera) or manipulate the image using the image manipulation dialog, respectively.

- From the card page, preview and select the current users card design from the card preview dialog by activating the drop down list or preview selection button (ellipses) beside the card design edit field. Print a card for the user based on the selected design.
- The **Next** button of the card page sets the current users card number to the next available card from the card pool. If the currently displayed card number is valid no card will be allocated from the pool. You must define a range of card numbers using the card pool manager to make full use of this feature.
- The **Return** button of the card page when activated indicates to the card management system that the displayed card number has been returned. Returning a card to the card pool (provided it exists) makes that card available (no-longer LOST or USED and no USERID assigned).
- The **Lost** button of the card page when activated indicates to the card management system that the displayed card number has been lost. A card once marked as lost will never be allocated to any other user, it becomes *unavailable* in the card pool. Thereafter, any attempt to assign that card number to a user will produce a warning. Only once a lost card is **Returned** or its lost state reset (from the card pool viewer) can the card be used again.
- The **Add** button of the card page when activated adds the indicated card number to the current card pool provided the card number does not already exist in the pool. In general you should use the card pool manager to reset the card pool ranges, rather than add card manually - one by one.

20.14.4 Image Manipulation Dialog

Image manipulation invoked from the user editor is only available if a PHOTO-ID license exists for the current AcptNet Client.

The image manipulation dialog provides features for cropping, rotating, sharpening, smoothing or adjusting picture quality and more.



TIPS

- Click on the "Edit Options..." button (left of the zoom field) to invoke a drop down menu of features and functions. Simply click on any of the listed features to transform the image.
- Magnify the image using the Zoom edit field or size options from the drop-down menu. This *does not change the actual image size*, it simply magnifies the view of the image.
- To undo the **last** change click on the undo button (far left).
- As the dialog is closed, click on "Yes" in the ensuing message dialog to apply the transformed image to the current user record or "No" to abort any changes.
- You may also use the manipulation dialog to paste an image from an entirely different source and save that image as the current use image when the dialog is closed. You may also copy the current image to the clipboard for exporting (as a bitmap) into most other clipboard compliant drawing packages - eg. Paint.

20.14.5 Card Preview Dialog

This dialog is invoked from the user editor. The feature is only available in AcptNet clients for which a PHOTO-ID license has been assigned at the AcptNet server.



TIPS

- Select a card design from the list box at left. When first invoked the dialog will highlight and display card information specific to the current users design.
- A preview of the card (as it would look if printed - but not to scale) is displayed in the right viewer box. The label and image contents of the card will be updated where necessary to reflect information stored about the current user. The label and image components are added to the card design using the card designer.
- The card design selected here is the card design that will be assigned and printed for the current user, each user can have their own card design, as required.

20.14.6 Card Numbers

A unique Card Number may be associated with a user from within the **Users Editor**. This card number identifies a card (swipe card/credit card) that the user can use as an access key.

NOTE: If you are using credit card numbers then remember, that Front-End can not directly recover credit card information (card number) entered at the panel (or read from a card swipe during user programming) after an upload from the panel. Hence, while a user may be set up in the *panel* as a valid credit card user with a valid card number, the *Front-End* will not be able to display the user's credit card number in the user editor. However, after an upload, the Front-End *will be able* to validate a user's credit card or determine the card owner given a credit card number.

Therefore care should be taken when modifying a user details to ensure that the credit card number field is set correctly. If it is blank and the user's details are modified, subsequent downloading of the user's profile will set the panel user details to the editors current values, thus if the credit card field was left blank in the editor the credit card details in the panel will be erased.

HOWEVER: If a credit card is used at the panel and the Front-End can resolve the owner of that credit card then the credit card number field in the user editor will be updated with the value of the credit card details received in the credit card review event for that panel user. In this way it is possible to upload credit card details into the Front-End User Editor *but only after the user first uses their card*.

20.14.7 Block Copy Dialog

The block copy dialog is only available from the *user editor*. The dialog is used to copy a subset of users details to a number of other records. Personal information like address, last name/first name, PIN and extra information will not be copied.

Block Copy Cards

✓ ✕ ?

FROM User: ID: 2 Name: Nick Adametz

T0 users starting at:

ID: 2

First names: Nick

Surname: Adametz

Card Mode: ☐ Site ☒ Direct ☐ Credit

Action: ☒ Auto card # ☐ Clear card # ☐ No auto card #

Card #: 1234

Card incr: 1

Users: 100

User ID incmnt: 1

☒ Copy all user details ☐ Modify card # only

ID

Used to enter the starting user record of the block copy. The user, selected, will be modified, as will all users (in order of user ID) *after* that record.

Mode

Forces all the subsequent modified user's card modes in the block copy to the selected card type. See the *user editor* for more information about card types/mode.

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Card Incr.

Card #

Action

Determines if the card number is generated, cleared or no number is generated, for each user whose information is being copied from the source user record. The card number is the value entered in the **Card #** field and is incremented by the value in the **Card Incr.** field for each user modified. If no card number generation is performed the card number of the source record will be copied without modification to all users in the block copy.

Users

User ID Incr.

Determines which users will be modified by the block copy. Thus if the increment (**User Id Incr**) value is set to 2 (for example) every second user after and including the destination record will be modified. If set to 1 all users will be modified. The value of **Users** determines the maximum number of records will be modified. Thus if the increment value is set to 2, the users value set to 50 and the destination start record is user 25 then users 25, 27, 29... to 123 will be modified inclusively. Users that fall outside the tenancy of the current operator will not be modified however they constitute 1 copy count.

Copy All User Details

When enabled ensures that all panel user information (including rank, user type, extra area, options and expiry) is copied to each record in the block copy.

Modify Card # Only

Limits the information copied to just card number information either generated or copied from the source record.

20.14.8 Unassigning and Deleting Users Using Block Copy

To delete a block of user records (and unassign them), delete the first user record of the block using the delete button in the user editor. Then perform a block copy using that deleted record as the source record. Set the action to **Clear Card #** then **Copy all user details** and start the block copy.

20.15 User Type Editor

Refer to panel programming reference for more detailed information about the modes and option values applied in this editor

The screenshot shows the 'User Type Editor' window with the 'General' tab selected. The window title is 'User Type Editor'. The top toolbar contains icons for file operations (New, Open, Save, Print, etc.) and navigation. The main area is divided into two sections: 'Users' and 'General'. The 'General' section contains the following fields and options:

- Name: OWNER (with a dropdown arrow)
- ID: 1 (with a dropdown arrow)
- Time Zone: (with a dropdown arrow)
- Valid Aug: (with a dropdown arrow)
- Alt Type: (with a dropdown arrow)
- Rank: 1 2 3 4 5 6 7 8 (with checkboxes, 1 is checked)
- Area On List: ALL AREAS (with a dropdown arrow)
- Home Aux Types: 1 2 3 4 5 6 7 8 (with checkboxes, 1 is checked)
- Area Off List: ALL AREAS (with a dropdown arrow)
- Options:
 - ☐ (d)isabled
 - ☐ (D)ual Provider
 - ☐ O/ride Dual (U)ser
 - ☐ (A)nti Passback
 - ☐ Cancel on (P)IN
 - ☐ Cancel on (C)ard
- Menu Group: ALL MENUS (with a dropdown arrow)
- Door List: All Doors (with a dropdown arrow)
- Floor List: FL1* (with a dropdown arrow)
- Lift Car List: LL1* (with a dropdown arrow)

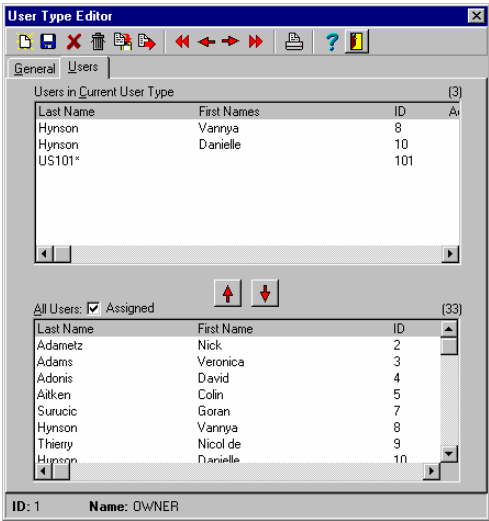
At the bottom of the window, it displays 'ID: 1' and 'Name: OWNER'.

TIPS

- Up to eight Home Auxiliary Types are defined by the Concept panel. Any or all of these home auxiliary types may be accessible by a user with a specific user type. A home auxiliary is just like any other auxiliary however access to it is granted by the type number assigned to the home auxiliary and subsequently the user type that uses that home auxiliary type.
- The User Type options are used to affect the way a user can access a Concept panel. Refer to the Concept operator's manual for more information.

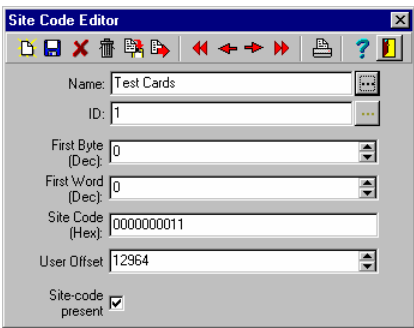
20.15.1 Assigning users

For convenience it is possible to assign multiple users at once to the current user type in the **Users** page of the dialog.



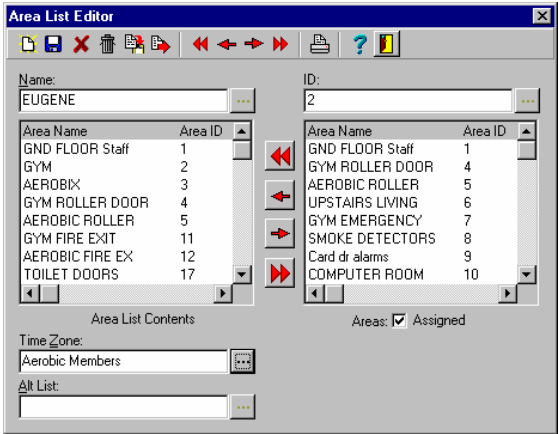
20.16 Site Code Editor

Refer to panel programming reference for more detailed information about the modes and option values applied in this editor



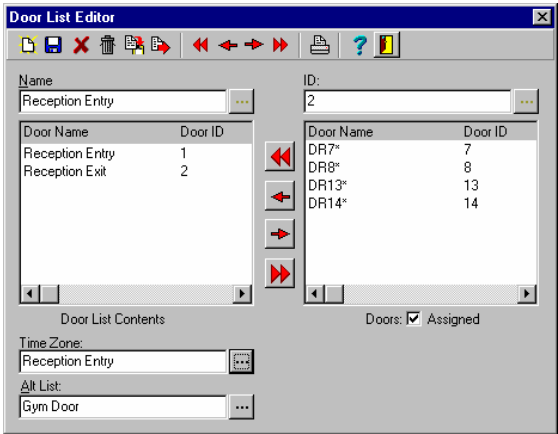
20.17 Area Lists Editor

Refer to panel programming reference for more detailed information about the modes and option values applied in this editor



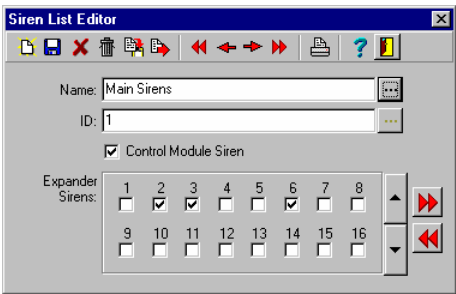
20.18 Door List Editor

Refer to panel programming reference for more detailed information about the modes and option values applied in this editor



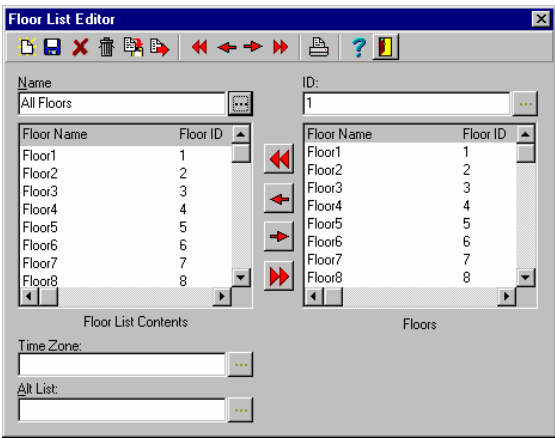
20.19 Siren List Editor

Refer to panel programming reference for more detailed information about the modes and option values applied in this editor



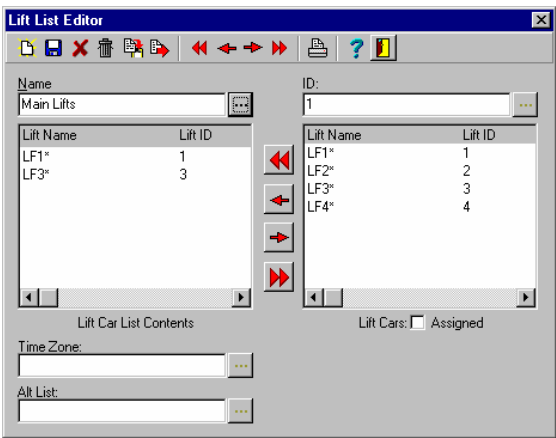
20.20 Floor List Editor

Refer to panel programming reference for more detailed information about the modes and option values applied in this editor



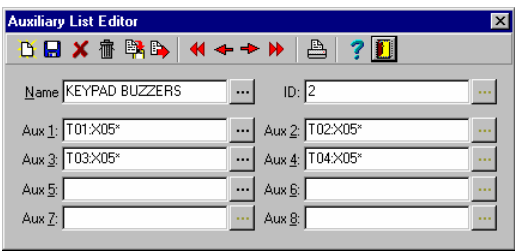
20.21 Lift Car List Editor

Refer to panel programming reference for more detailed information about the modes and option values applied in this editor



20.22 Auxiliary List Editor

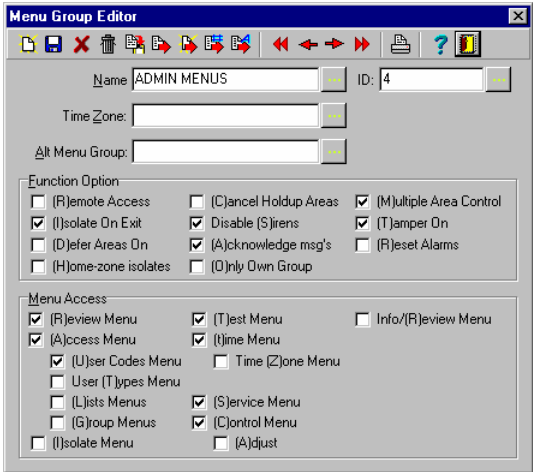
Refer to panel programming reference for more detailed information about the modes and option values applied in this editor



20.23 Menu Group Editor

Edit a menu group by selecting the menu group item in the group node of the **database navigator**. Do not confuse a menu group or menus within the menu group with any of the Front-End application menus.

Refer to panel programming reference for more detailed information about the modes and option values applied in this editor



TIPS

- The **Function Options** of a menu group grant or limit access to various automatic or manual functions performed within the Concept panel. They associate panel functionality with actions performed by users of any **user type** that contains this menu group.
- The **Menu Access** options allow the operator to change the types of menus that a menu group can access. Every **user type** is assigned a menu group. This menu group grants or limits access to various parts of the panel configuration by users of that user type.

Refer to panel programming reference for more detailed information about the modes and option values applied in this editor

Access Group Editor

Name: ALL DOORS ID: 4

Time Zone:

Alternate:

Entry Mode: PIN OR card

Exit Mode: PIN OR card

Antipassback on Entry: None

Options:

- ☒ (B)utton enabled
- ☐ (A)uto area OFF
- ☐ Dead (L)ock
- ☐ (D)ual user req'd

Antipassback on Exit: None

Options:

- ☐ (I)solate on Entry
- ☐ (D)e-isolate on Exit
- ☐ No wrong area e(n)it
- ☐ No wrong area e(x)it
- ☐ (T)wo zones mode

20.25 Process Group Editor

Refer to panel programming reference for more detailed information about the modes and option values applied in this editor

Process groups are associated with inputs. They determine how input/zone state changes are to be "processed" by the panel.

20.25.1 General Programming

Process Group Editor

General Home Aux Contact ID

Name: Monitoring test ID: 32

T/Zone: Altern.:

Process Options:

☐ (T) Jammers ☐ (P) Ulse Zone
☐ (A) Alarms ☐ (Primary) Zone
☐ (E) Entry Delay ☐ (L) Latch Input
☐ (X) Exit Delay ☐ (S) Single Pulse

Report Options:

☐ (I) Isolate ☐ (E) Entry
☐ (T) Jamper ☐ (X) Exit
☒ (A) Alarm ☐ (U) Unseal Restore
☐ (R) Restore ☐ (S) Single

Aux. Actions:

☐ (T) Jammer ☐ Alarm (3)
☐ Alarm (1) ☐ Alarm (4)
☐ Alarm (2) ☐ (I) Isolate

Msg Priority:

☐ Type (1) ☐ Type (5)
☐ Type (2) ☐ Type (6)
☐ Type (3) ☐ Type (7)
☐ Type (4) ☐ Type (8)

Tamper Tone: None Alarm Tone: None

☐ Siren Retrigger ☐ Siren Lockout

ID: 32 Name: Monitoring test

20.25.2 Home Auxiliary Options

Operations pertaining to any home auxiliaries associated with an input is specified here.

Process Group Editor

General Home Aux Contact ID

Seal Action: None

Alarm Action: None

Tamper Action: None

☐ (O)verride Aux. Time

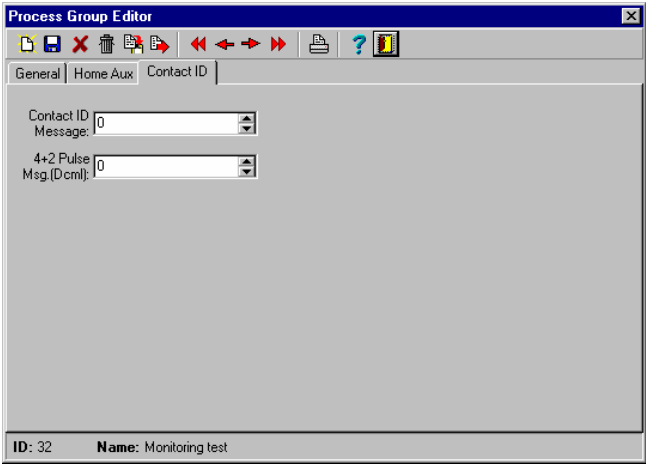
Override Time(s): 0 ☐ (M)inutes

Extra Options:

- ☐ (R)efresh only
- ☐ (N)o Refresh
- ☐ (L)ift Buttons

ID: 32 Name: Monitoring test

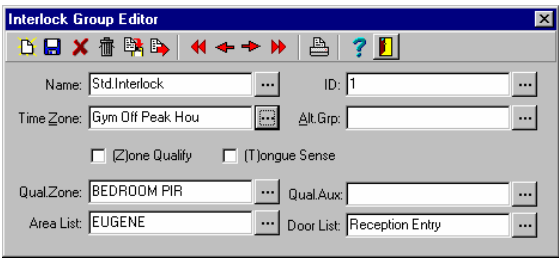
20.25.3 Other Information



20.26 Interlock Group Editor

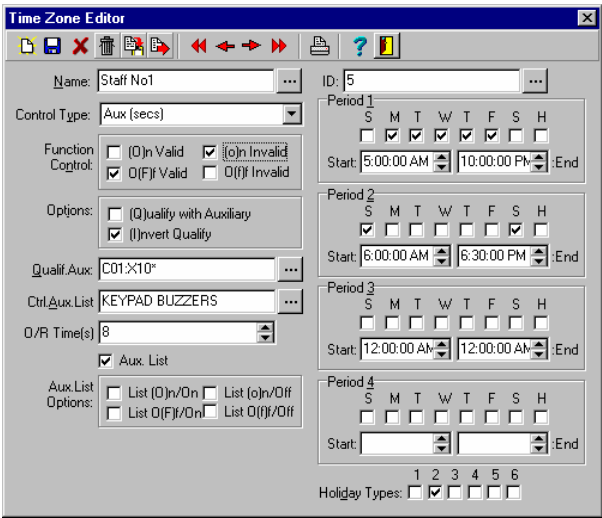
Refer to panel programming reference for more detailed information about the modes and option values applied in this editor

An interlock group can be used to define how a list of doors relate to each other.



20.27 Time Zone Editor

A time zone consists of four periods per week. Days of the week and a time range are used to define each period of the time zone. Refer to panel programming reference for more detailed information about the modes and option values applied in this editor

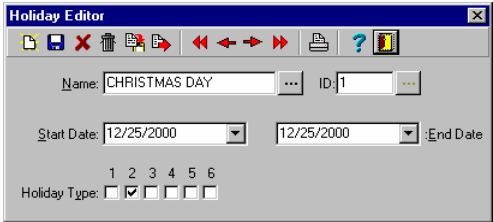


TIPS

- A time zone imposes time constraints on panel records that can assign timezones. When the time zone is valid the programming becomes valid. When the time zone expires, the programming is ignored.
- The **Control Type** determines the type of entity to be controlled by the activation or deactivation of the timezone.
- The **Function Control** describes how the controlled entity associated with a time zone behaves when that time zone becomes active or inactive.
- The Qualify Options define how time zone validation is determined based on the state of an associated auxiliary.
- Refer to *holiday type programming* for an explanation of the holiday type settings.

20.28 Holiday Editor

Refer to panel programming reference for more detailed information about holiday programming.



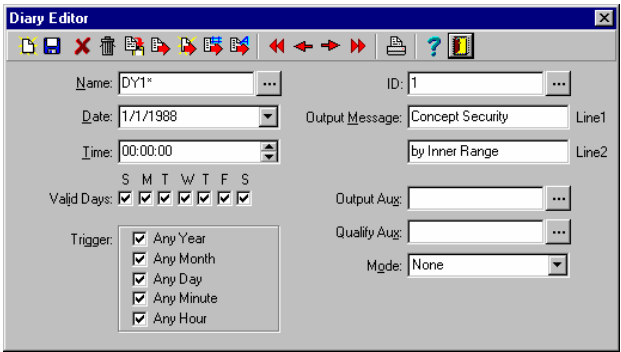
TIPS

- Select one or more holiday types by clicking on any of the holiday type check boxes displayed. The holiday type numbers that are checked therefore affect any **timezones** programmed with a matching type number.

A holiday type is the association of specific holidays or holiday periods to one or more groups or types (numbers from 1 to 6). These types can thereafter be used to more intricately affect and control security in the Concept panel through the application of matching timezones.

20.29 Diaries Editor

Use the diaries editor to edit panel specific diary entries.



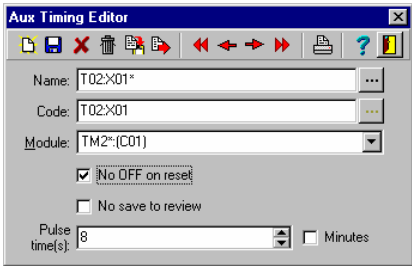
TIPS

- The diary output message is limited to 16 characters in the top line and 16 characters in the bottom line. Extra characters will be ignored.

- The diary mode allows specific functional operations in the panel to be assigned and, therefore, triggered as the diary record becomes valid. When programming a version 2 panel, only the add and subtract 1 hour daylight saving features are visible.

20.30 Aux Timer Editor

Refer to panel programming reference for more detailed information about the modes and option values applied in this editor



TIPS

- The **Module** selection box, when visible, allows the records displayed/available to be limited to the module or panel selected from the drop down list. The list will contain the module names of every module record available but limited by the panel being edited.

20.31 Input Editor

Refer to panel programming reference more detailed information about the modes and option values applied in this editor

Input/Zone Editor

Name:

Code: Module:

Options:

- ☒ (S)ummary
- ☐ (C)alculated Zone.
- ☐ C01:(X)01 ON for rvw.
- ☐ (S)wap seal/alarm
- ☐ No (R)evise always
- ☐ (A)uto isolate on Exit
- ☒ (N)o exit test
- ☒ Self (T)est input

Home Aux.:

Areas		Process Groups	
1st	BEDROOM	1st	BURGL. PRIMARY
2nd		2nd	BURGLARY
3rd		3rd	BURGLARY
4th		4th	BURGLARY
5th		5th	BURGLARY
6th		6th	BURGLARY
7th		7th	BURGLARY
8th		8th	BURGLARY

TIPS

- The **Module** selection box, when visible, allows the records displayed/available to be limited to the module or panel selected from the drop down list. The list will contain the module names of every module record available but limited by the panel being edited.

20.32 Area Editor

Refer to panel programming reference more detailed information about the modes and option values applied in this editor

Area Editor

General | Aux./Lists | Counters | Test

Name: Conference Rooms ID: 1

Report Options:

- ☐ Opens ☐ Open After (A)larm ☐ (24Hr Off's
- ☐ Closes ☐ (N)ot General Area ☐ Area (S)ill Open

Misc.:

- ☐ (T)est users ☐ (H)oldup ☐ (D)efer ☐ (N)o Siren Canc. ☐ (P)ulse Timer ☐ (W)arn Aux.

Internal Siren: None External Siren: None Siren List:

Siren Time(m): 0 Ex.Delay(s): 0 Ent.Delays: 0

Pls Time(s): 0 Max Pulse: 0 Client Code: 0

Self-test ON Count: 0 Isol. Aux.: Sub. Area:

24Hr Aux.:

ID: 1 Name: Conference Rooms

20.32.1 Auxiliaries or Aux. Lists

Auxiliary fields that can be either a single auxiliary or auxiliary list are edited in the **Aux/Lists** page

Area Editor

Siren Aux: ☒ Use List
 ☐ (Q)n/Dn
 ☐ (o)n/Dff
 ☐ O(F)/Dn
 ☐ O(f)/Dff

Close Aux: ☒ Use List
 ☐ (Q)n/Dn
 ☐ (o)n/Dff
 ☐ O(F)/Dn
 ☐ O(f)/Dff

Alarm1 Aux: ☒ Use List
 ☐ (Q)n/Dn
 ☐ (o)n/Dff
 ☐ O(F)/Dn
 ☐ O(f)/Dff

Alarm2 Aux: ☐ Use List

Alarm3 Aux: ☐ Use List

Alarm4 Aux: ☐ Use List

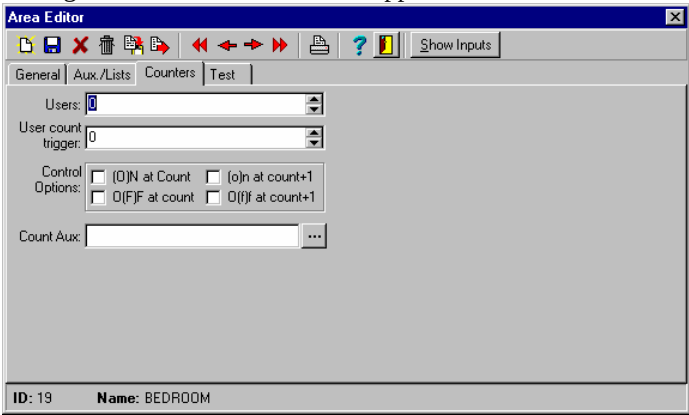
Entry Aux: ☐ Use List

Exit Aux: ☐ Use List

ID: 1 Name: Conference Rooms

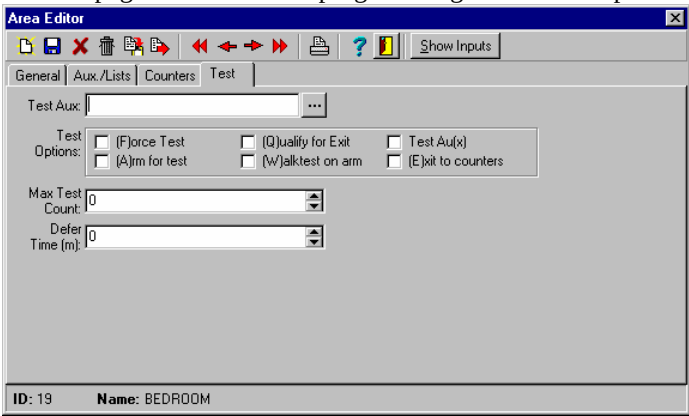
20.32.2 Counters

Configuration of area counters is supported in the **Area Counters** page.



20.32.3 Test

The test page is visible when programming V3 firmware panels.

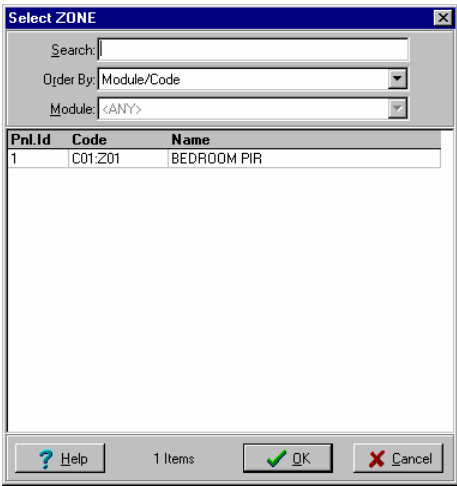


TIPS

The **Show inputs** button invokes a *dialog listing all zones/inputs* that exist in the current area. Inputs can exist in up to 8 areas.

20.32.4 Input Areas

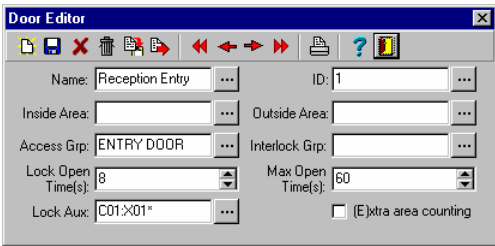
The **show inputs** button in the tool bar of the *area editor* when activated invokes the following dialog. Use the dialog to edit the inputs that exist in the current area or to view all inputs in the system.



Highlight the input of interest and activate the **Edit Zone** button to invoke the *input editor* for that item. Assign an input to the current area by settings any one of the eight area fields to the current area in the input editor.

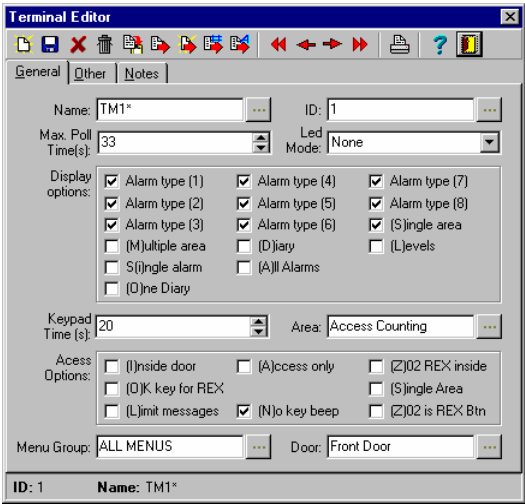
20.33 Door Editor

Refer to panel programming reference for more detailed information about the modes and option values applied in this editor



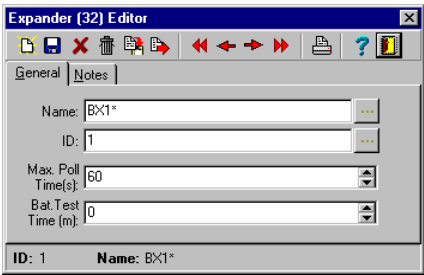
20.36 LCD Terminal Editor

Refer to panel programming reference more detailed information about the modes and option values applied in this editor



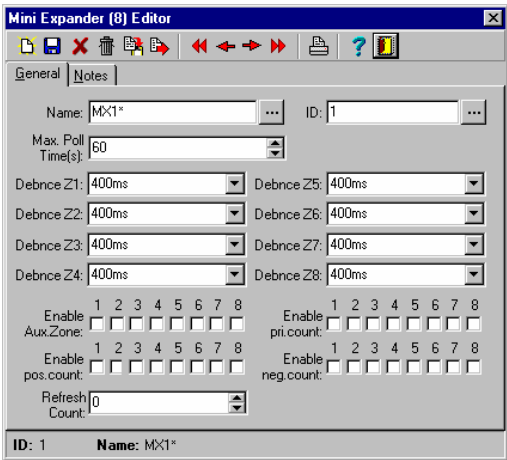
20.37 Big Expander Editor

Refer to panel programming reference more detailed information about the modes and option values applied in this editor



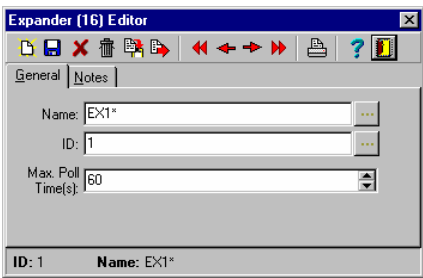
20.39.1 Version 2

When programming V2 firmware the editor is displayed as follows:



20.40 Expanders(16) Editor

Refer to panel programming reference more detailed information about the modes and option values applied in this editor



20.41 Intelligent Reader Editor

Refer to panel programming reference more detailed information about the modes and option values applied in this editor

Intelligent Reader Editor

General Rdr.1 Rdr.2 Rdr.3 Rdr.4 Rdr.5 Rdr.6 Rdr.7 Rdr.8 Notes

Name: IR1* ID: 1

Max. Poll Time(s): 61 Bat. Test Time(s): 59

Review Timing: 1

☐ hdths ☐ tnths ☒ secs ☐ tens

Options: ☐ Detailed Review ☐ Longue Sense

Door 1: Door 7 Door 2: Door 8

Area St In: On Area St Out: On Area St In: Deny Area St Out: Deny

I/Lock State: Closed I/Lock State: Closed

Door 3: DR14* Door 4: DR13*

Area St In: On Area St Out: On Area St In: Off Area St Out: Off

I/Lock State: Closed I/Lock State: Open

ID: 1 Name: IR1*

20.41.1 Reader Pages

All reader pages follow the same format as follows:

Intelligent Reader Editor

General | Rdr.1 | Rdr.2 | Rdr.3 | Rdr.4 | Rdr.5 | Rdr.6 | Rdr.7 | Rdr.8 | Notes

Format:

Mode:

Arm Mode:

Extra Area Off: ☒

Location: Door #:

Terminal:

PIN src:

ID: 1 Name: IR1*

20.42 Analogue Module Editor

Refer to panel programming reference for more detailed information about the modes and option values applied in this editor

The Analogue Module Editor dialog box has a title bar with standard window controls and a toolbar with icons for file operations and navigation. It features two tabs: 'General' (selected) and 'Notes'. The 'General' tab contains fields for 'Name' (Light Sensor), 'ID' (1), 'Max. Poll Time(s)' (34), and 'Update Time(m)' (10). Below these are four checkboxes for 'Log to Rvw' (Zone 1, Zone 2, Zone 3, Zone 4), with Zone 1 checked. The main area is divided into two columns of input fields for zones 1, 2, 3, and 4, including 'Trig.1', 'Trig.2', and 'Calib.' fields. At the bottom, a status bar displays 'ID: 1' and 'Name: Light Sensor'.

20.43 Comms Task Editor

Refer to panel programming reference more detailed information about the modes and option values applied in this editor

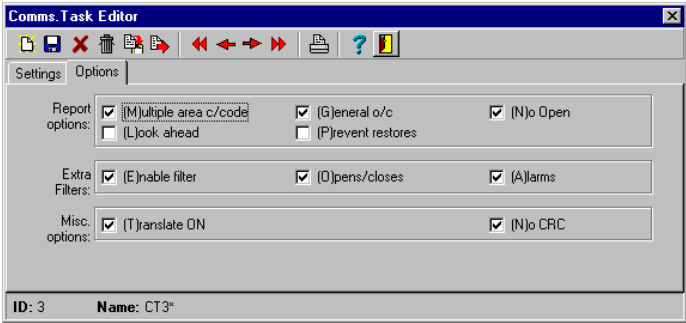
The field information displayed in this dialog will change dynamically depending on the **Type** field or task format chosen for the current comms. task. Not all the fields visible here will be displayed for all Comms. Task types.

NOTE:

The type field values available will depend on the panel firmware version.

The Comms Task Editor dialog box has a title bar with standard window controls and a toolbar with icons for file operations and navigation. It features two tabs: 'Settings' (selected) and 'Options'. The 'Settings' tab contains fields for 'Name' (CT3*), 'ID' (3), and a checked 'Active' checkbox. Below these are several dropdown and input fields: 'Type' (Inet), 'Baud' (4800), 'Port' (Port 4), 'Backup Task' (CT6*), 'Client Code' (1254), 'Area List' (Gym Instructor), 'Mapping' (School 30), 'Alm.Frm' (9), 'Ack Time' (222), 'Pace Time' (123), and 'Test time' (111). At the bottom, a status bar displays 'ID: 3' and 'Name: CT3*'.

20.43.1 Options

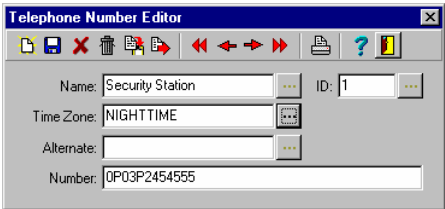


TIPS

- Changing the type or task format will change the content of the dialog. More input fields may be displayed in order to accept additional programming options not available in other task formats

20.44 Phone Number Editor

Refer to panel programming reference more detailed information about the modes and option values applied in this editor

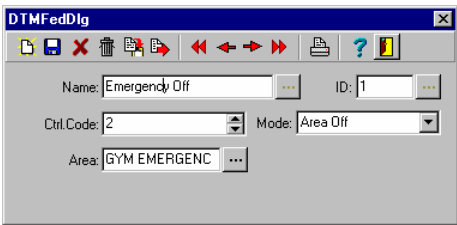


20.45 DTMF Code Editor

Refer to panel programming reference more detailed information about the modes and option values applied in this editor

NOTE:

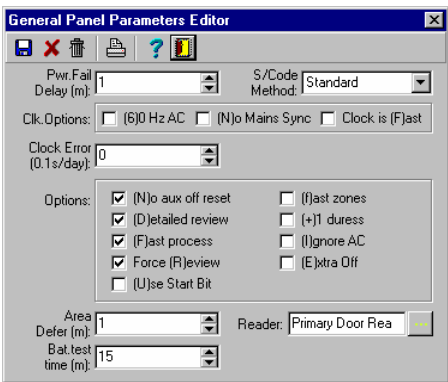
This editor is only available when connecting to version 3 or better panel firmware.



20.46 General Editor

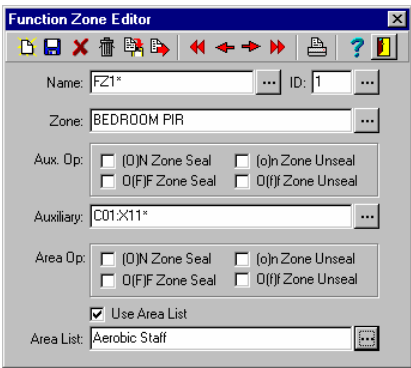
Refer to panel programming reference more detailed information about the modes and option values applied in this editor

There is only *one* record available in this editor.



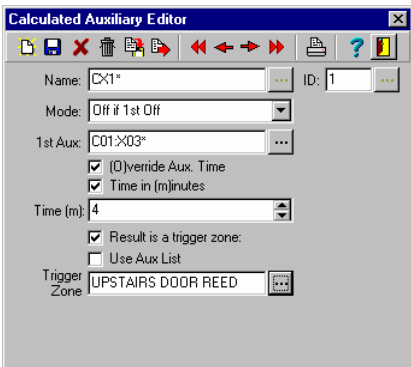
20.47 Function zone Editor

Refer to panel programming reference more detailed information about the modes and option values applied in this editor



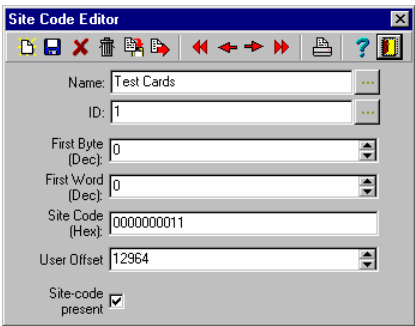
20.48 Calculated Auxiliary Editor

Refer to panel programming reference for more detailed information about the modes and option values applied in this editor



20.49 Home Aux.Editor

Refer to panel programming reference for more detailed information about the modes and option values applied in this editor

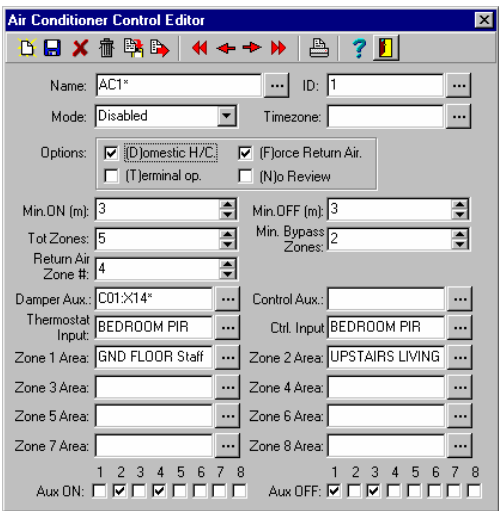


20.50 Air Conditioning Editor

Refer to panel programming reference for more detailed information about the modes and option values applied in this editor

NOTE:

Do not confuse the use of the word "zone" with a panel input. Zone in this dialog refers to air-conditioning zones, which are usually separately controlled areas of ventilation.

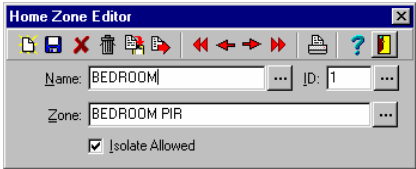


20.51 Homezone Editor

Refer to panel programming reference for more detailed information about the modes and option values applied in this editor

NOTE:

This editor is only available when connecting to version 3 or better panel firmware.

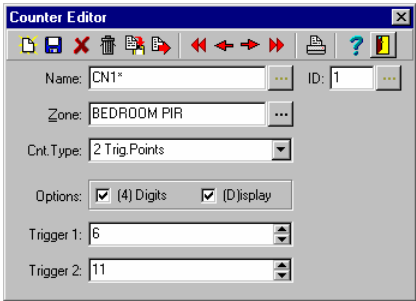


20.52 Counter Editor

Refer to panel programming reference more detailed information about the modes and option values applied in this editor

NOTE:

This editor is only available when connecting to version 3 or better panel firmware.



20.53 C-Bus Editor

Use this editor to program the Clipsal-Bus interface for electrical control where supported by the Concept panel.

NOTE:

This editor is only available when connecting to panels running version 4 or better firmware with suitable memory configuration.

The screenshot shows the 'C-Bus Editor' window. At the top is a title bar with the text 'C-Bus Editor' and a close button. Below the title bar is a toolbar with various icons for file operations (new, open, save, delete, print), navigation (back, forward, home, end), and help. The main area contains several input fields and checkboxes. The 'Name' field is set to 'First CBUS' and the 'ID' field is set to '1'. Under 'Options', the checkbox for '(2)nd Application' is checked, while '(A)uxiliary feedback' and '(R)esend' are unchecked. There are two columns of settings: 'On' and 'Off'. The 'On' column has a 'Command' dropdown set to 'NONE', an 'On Group Addr' spinner set to '2', an 'On Ramp Level' spinner set to '200', and a 'Ramp Threshold' spinner set to '10'. The 'Off' column has a 'Command' dropdown set to 'NONE', an 'Off Group Addr' spinner set to '2', and an 'Off Ramp Level' spinner set to '220'. At the bottom right, there is an 'Auxiliary' field set to 'C01:X05*'. All dropdowns and spinners have small arrows indicating they can be interacted with.