genesis

Security
Access control
Home automation
Building automation

Genesis Technical Manual

Version 3.00

Genesis Electronics Australia Pty Ltd
http://www.genesiselectronics.com.au

Manual summary

Instalation:

Genesis warranty will be automatically void, if system is NOT installed under the following conditions:

a/ Genesis equipment has been installed by Genesis trained personnel only,

b/ Communication cable used between each device must ultimate BELDON 8723 or fully equivalent cable. All communication wiring structure shall be in MULTI DROP configuration.

c/ Equipment connected to Genesis using high level interface, such as PC Software or external devices effecting Genesis functionality, has been prior its usage fully approved by Genesis Electronics Australia Pty Ltd,

d/ Optional Arresters been installed, when Genesis is used in high risk lighting areas. See ‘Arrester Installation Documentation’.

Table of contents

The contents of this manual are subject to change without notice. All information is believed to be correct at time of publishing. No responsibility will be accepted due to the use or misuse of information within this manual.

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Revision history

Revision	Date	By	Description
1.00	January 2002	J. Hola	Revision 1 Base release of Technician manual for Version 2 (Build 80)
2.00	March 2002	J. Hola	Revision 2 Correction and additional information
2.01	April 2002	J. Hola	Revision 3 Correction to Dialler Programming Box (see Note 1) Note for Blind Dialling (Note 2) Correction to Error in Door Input functionality Added Note for Stobe Light connection
3.00	September 2002	J. Hola	Add commands and functions as per Build 80 Software

About this Manual

This manual contains information that is to be read from beginning to end as well as reference only material.

Underlined words have associated sections in the manual. In the electronic PDF version, they can be clicked with the left mouse button or selection of bookmark allows you to to go to the associated topic.

Knowledge Base

You should have sound knowledge of Alarm and Access control functionality. We recommend your attendance to our training to ensure understanding and improvement in your knowledge of this product.

We recommend, when system is installed, that it is fully tested for all functions, to ensure correct operation.

We reserve the right, to change or modify this product without any further notice.

Scripting

The scripting section is available in separate ***SCRIPT MANUAL*** and should be read in conjunction with this manual.

The introduction

The introduction chapters are intended to provide an overview of the Genesis software and hardware. It is recommended that all technicians read these sections at least once.

The installation instructions explain the minimum PC requirements and how to install the software.

The system overview section contains valuable information on the way Genesis operates and explains some new terms and concepts. It also contains the specifications of the system.

The software model provides an explanation of the key concepts within the system. The key terms are explained. Some terms are found within other systems but their meanings may not be the same. ***It is important that all installers read this section***.

The communication section explains how the system can be programmed.

The quick start guide is intended to provide a very brief summary of how to setup a new system. Additional information is available in the reference section and should be referred to when required.

The "How do I…?" section provides very brief information on how to do common tasks. Additional information is found within the reference sections.

The Operator Manual contains information on programming the system with the Remote Access Station. Operator information is not duplicated in this manual. There is, however, additional information on technician functions available from the Remote Access Station not included in the Operator Manual.

Features

Software

- Software is written utilizing Multi tasking technology. Each part of the software is finely tuned, ensuring best performance at all the time.
- Unique script programming allows the technician to simply change the behaviour of the system to match each individual installation requirement.

Master panel

- Advanced 16 bit uProcessor, ensures the best performance for many years to come.
- No EPROM's, ensures high security.
- Low power monitor,
- Mains failure detector
- 16 alarm inputs, expandable to 32 inputs,
- 4 alarm outputs, expandable to 8 outputs,
- Inbuilt Contact ID digital Dialler,
- Inbuilt 1 amp 12 volts DC Power supply,
- Separate Tamper input for higher security,
- Standard RS232 PC computer interface.
- High speed RS485 communication port, allowing connection up to 127 external devices,
- Optional RS232 SIU interface,
- Firmware upgrades can be done when connected directly to the RS232 port. There is no more need to visit suppliers for new chips and removing chips from the panels.

Expander panel

- Advanced 16 bit Processor, ensures the best performance for many years to come.
- No EPROM's, ensures high security.
- Low power monitor,
- Mains failure detector
- 16 alarm inputs, expandable to 32 inputs,
- 4 alarm outputs, expandable to 8 outputs,
- Inbuilt 1 amp 12 volts DC Power supply,
- Separate Tamper input for higher security,
- RS232 PC computer interface.
- High speed RS485 communication port,
- Firmware upgrades can be done when connected directly to the RS232 port. There is no more need to visit suppliers for new chips and removing chips from the panels.

Remote access station

- Remote Access Stations provide the ability to arm and disarm up to 64 areas as well as providing door access control.
- High quality 2 x 16 characters backlit LCD Display,
- 16 bit Processor for fast and powerful operation,
- Single Door controller
- Two built in two Wiegand inputs provide easy connection of a wide range of readers.
- An egress input, monitoring door input and lock output provide full door control

- The last 100 valid card entries are recorded and can be used in the event of communication failure. This provides continued security without locking everyone out of the building.
- 4 programmable LED's usable for general or system status indication,
- On board buzzer,
- Low power monitor,
- No EPROM's, ensures high security.
- High speed RS485 communication port,
- Firmware upgrades can be done when connected via special interface to the RAS device. There is no more need to visit suppliers for new chips and removing chips from the panels.
- ***Note: Special Programming adapter module is required, and can be purchased as optional unit.***

Two Door controller

- Fully independent 2 door controllers.
- 16 bit Processor for fast and powerful operation,
- Two Wiegand readers interface provide easy connection of a wide range of readers.
- The last 100 valid card entries are recorded per **each reader** and can be used in the event of communication failure. This provides continued security without locking everyone out of the building.
- Two Egress inputs, monitoring door inputs and lock relay outputs provide full door control for up to two doors.
- Egress inputs can be redirected and used as normal input in the system.
- 4 Outputs, allowing indication of Valid and invalid entry (selectable), or used via scripts for general purpose.
- Separate Tamper input for additional security,
- Low power monitor,
- On board buzzer,
- No EPROM's, ensures high security.
- RS232 PC computer interface.
- High speed RS485 communication port,
- Firmware upgrades can be done when connected directly to the RS232 port. There is no more need to visit suppliers for new chips and removing chips from the panels.

Auxiliary 32-Output module

- 16 bit processor for fast and powerful operation,
- 32 fully programmable open collector outputs capable to drive up to 100mA. They can be easily converted into relay outputs with the 8-way relay modules.
- Low power monitor,
- No EPROM's, ensures high security.
- RS232 PC computer interface.
- High speed RS485 communication port,
- Firmware upgrades can be done when connected directly to the RS232 port. There is no more need to visit suppliers for new chips and removing chips from the panels.

Installing Genesis Technician Software

System requirements

Minimum system requirements for PC Computer:

Processor	Pentium III, IV or equivalent
Speed	233MHz
Memory	64 or 128 MB
Free hard disk space	10 MB
Operating system	Windows® 98/2000/XP or Windows NT 4
Display	800x600 or 1024 x 768, 256 colours
Peripherals	Spare serial or USB RS232 communication port.
Drives	CD-ROM drive

Please note: Software will NOT operate properly on Windows 3.11® or Windows 95®.

Installing the software

CD Rom install

1) Insert the CD in CD Drive.
2) Select the Start button on the Start bar
3) Select Run
4) Enter ‘d:\Setup’ (assuming CD Drive is located as d: drive)
5) Press OK

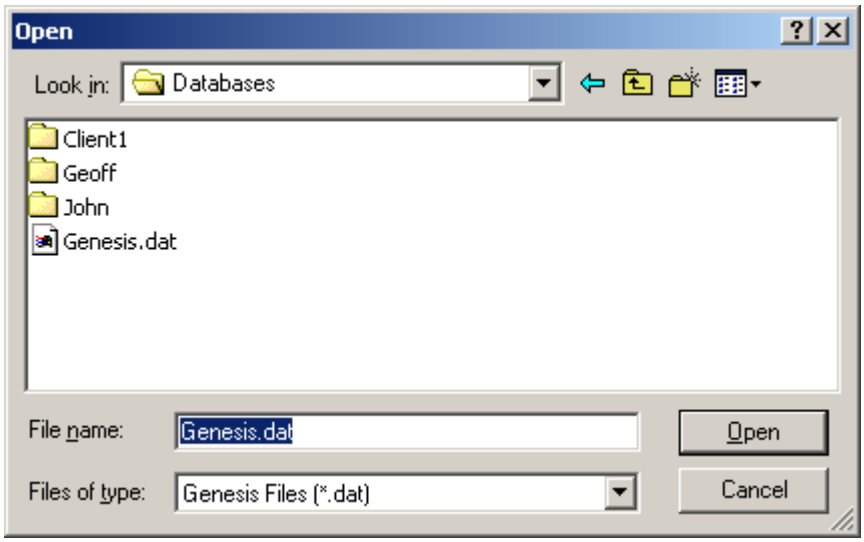
The installation program will ask a series of questions. At any stage you can press the Back button to return to previous questions.

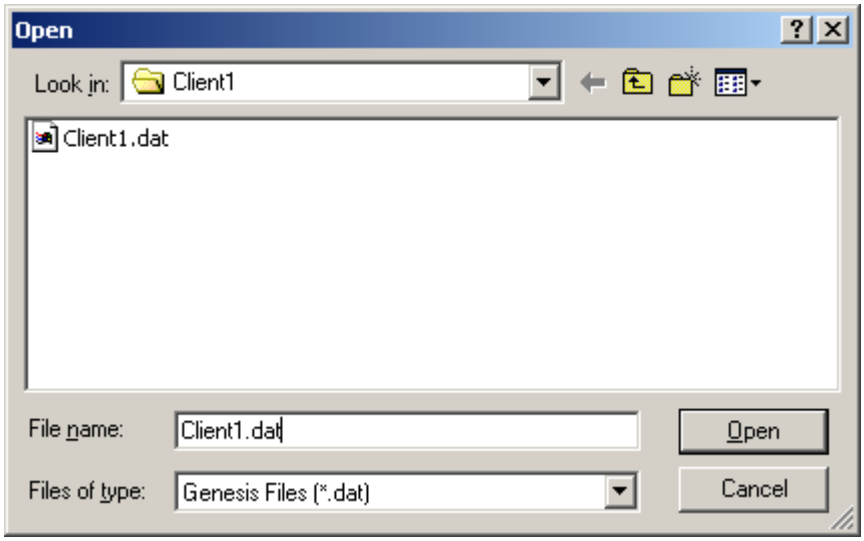
By default, the software will be loaded in the "c:\ Program Files\Genesis Electronics Australia Pty Ltd\Genesis" directory. It is possible to install the software onto a network drive or other location

Please note: Always use SETUP program to install the software, never use COPY command. To uninstall, always use the Uninstall programmed from the Windows control panel.

Multiple sites

When Genesis software is started, system allows you to select required database. We recommend that each database for individual site be created in its own folder.
Do not use installed directory of the Genesis software as your location for client databases.
For multiple sites on the one PC, enter a new filename when presented with the open dialogue box:



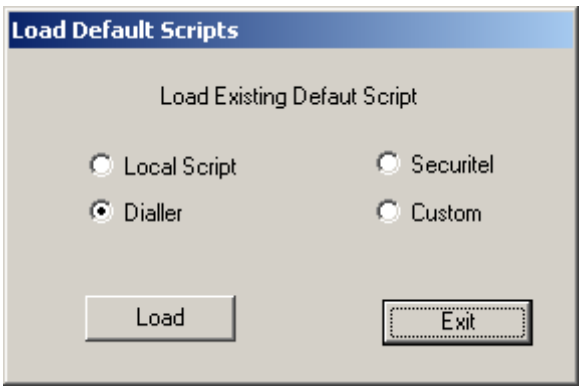


In the above example, four sites exist, three off them under its own directory. “John”, “Geoff” and “Client1”. Select the required folder and either open existing database, or entering a new name will create a new site.

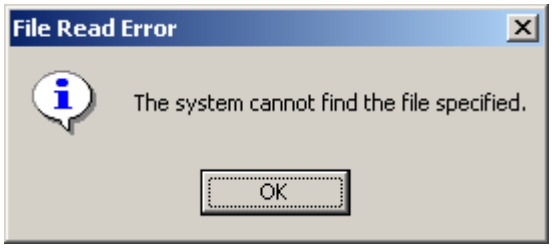
Please note: When new database is opened, system will use default settings from the ‘Default80.ref’ file located in the installed directory. You can create your own default file, ensuring it is located in the installed directory and name remains as ‘Default80.ref’. Once new Database has been opened, system allows selection of Local, Dialler, Securitel or Custom Script.

Opening of NEW Client DATABASE

Once new databse has been selected, system will prompt dialog box, allowing selection of Local, Dialler, Securitel or Custom Scripts.

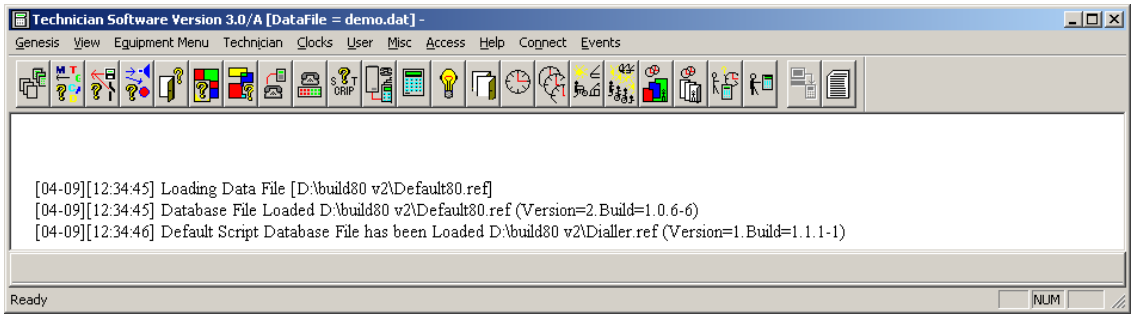


System will default to Dialler Script. Select type of the default script you wish to load, followed by 'Load' button. If file does not exist, warning dialog is displayed.



If specified file does not exists, system will use predefined scripts from the Default80.ref file.

Note: You can create your own default scripts. See Technician Menu, File Options, Generate Default Script.

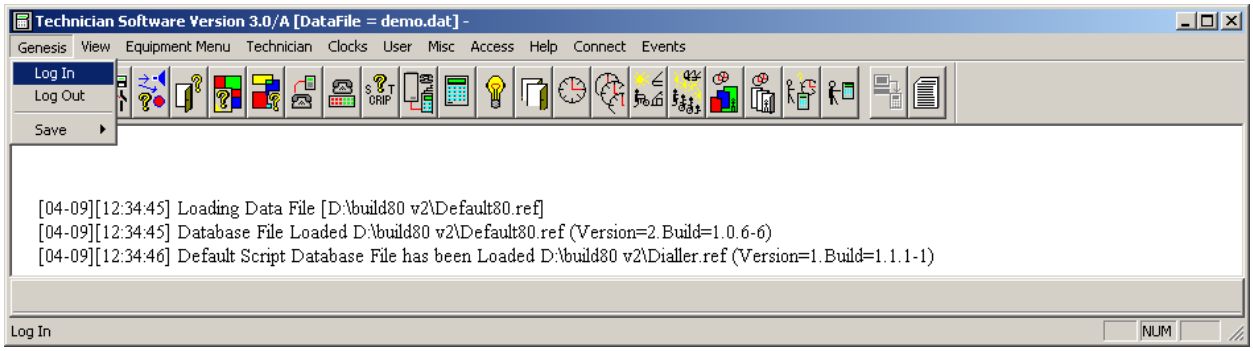


System will report the type of files load. As indicated above, system has loaded the Default80.ref file and then the Dialler.ref script file.

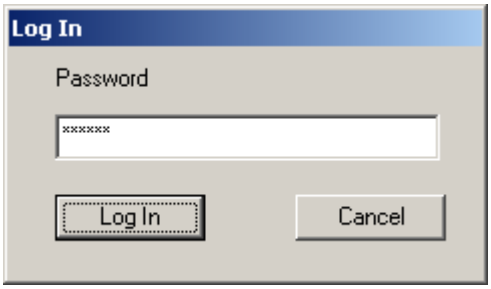
MAIN SCREEN

After selection of required database, you are required to **Log In**, allowing access to programming functions.

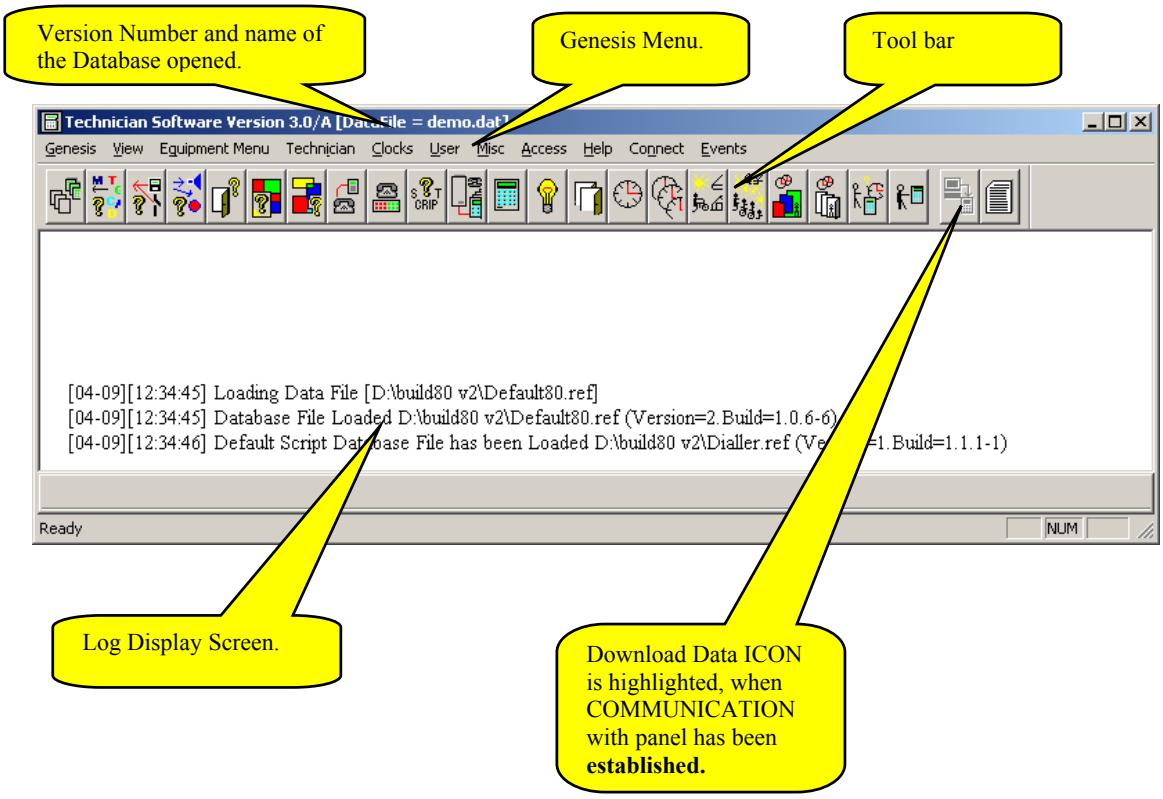
Under the Genesis menu, select the Log In function. When the Log In Dialog is displayed, enter the **user 101 code** (Pin number only), or if user 101 is not programmed e.g new database, then enter the Master Panel ***Serial number***, accept it with the Log In button.



Log In



After valid log in code is entered, majority of the ICONS on the tool bar will be highlighted, allowing access to all programming functions.



Please note: Some functions will be available ONLY when connection has been established with the Genesis panel.

Download Data ICON is highlighted, when COMMUNICATION with panel has been established.

Before you start to program the Genesis system, you should prepare all required information and the system functionality.

Preparation is the most important part, and should be prepared with maximum care and consideration of customer requirements, security, security protection, access restriction and total system operation. Notes, sketches and drawings are of great help. As more preparation is done, easirer programming and smoother and better system performance will be achieved.

Just a few points on number of items and points to consider:

Alarm system:

Inputs,

Number of alarm inputs in the system,
Allocation of appropriate EOL type for input line monitoring,
Location of each input,
Device type per each input, eg PIR, Reed Switch, Holdup Button,
Functionality of each input, such as Exit/Entry, Secure alarm, Access alarm etc,
Input allocation to single or multiple Areas,
Selection of each individual input for reporting of all Events.

Devices,

Number of system devices and its best installation in secure location,
Entry and Exit points for Area Control,

Outputs,

Location of Sirens, Strobe Lights and warning devices. Connection to the nearest device,
Determine, if alarm and Tamper will activate same or different alarm outputs,
Selection of individual output for reporting of all Events,

Dialler,

Is system to be monitored using Dialler reporting,
Single or multiple Client ID reporting
Multiple Monitoring Station

User,

Number of User groups, selected by they common functionalities,
Menu allocation per each Group and its time restriction,
Area allocation to each group and time restriction,

Access control:

Doors,

Number of Doors in the system,
Allocation of a Doors to RAS or TDC devices,
Selection of Door Relay and DOTL times,
Selection of Door functionality, such as Exit, Entry, Bundy Door,

Door inputs,

Connection of Door inputs to system device,
Selection of type of EOL to be used on door switches,

Outputs,

Allocation of DOTL and FORCED door alarm warning devices, if required

Dialler,

DOTL and FORCED door alarms to be reported using Dialler,

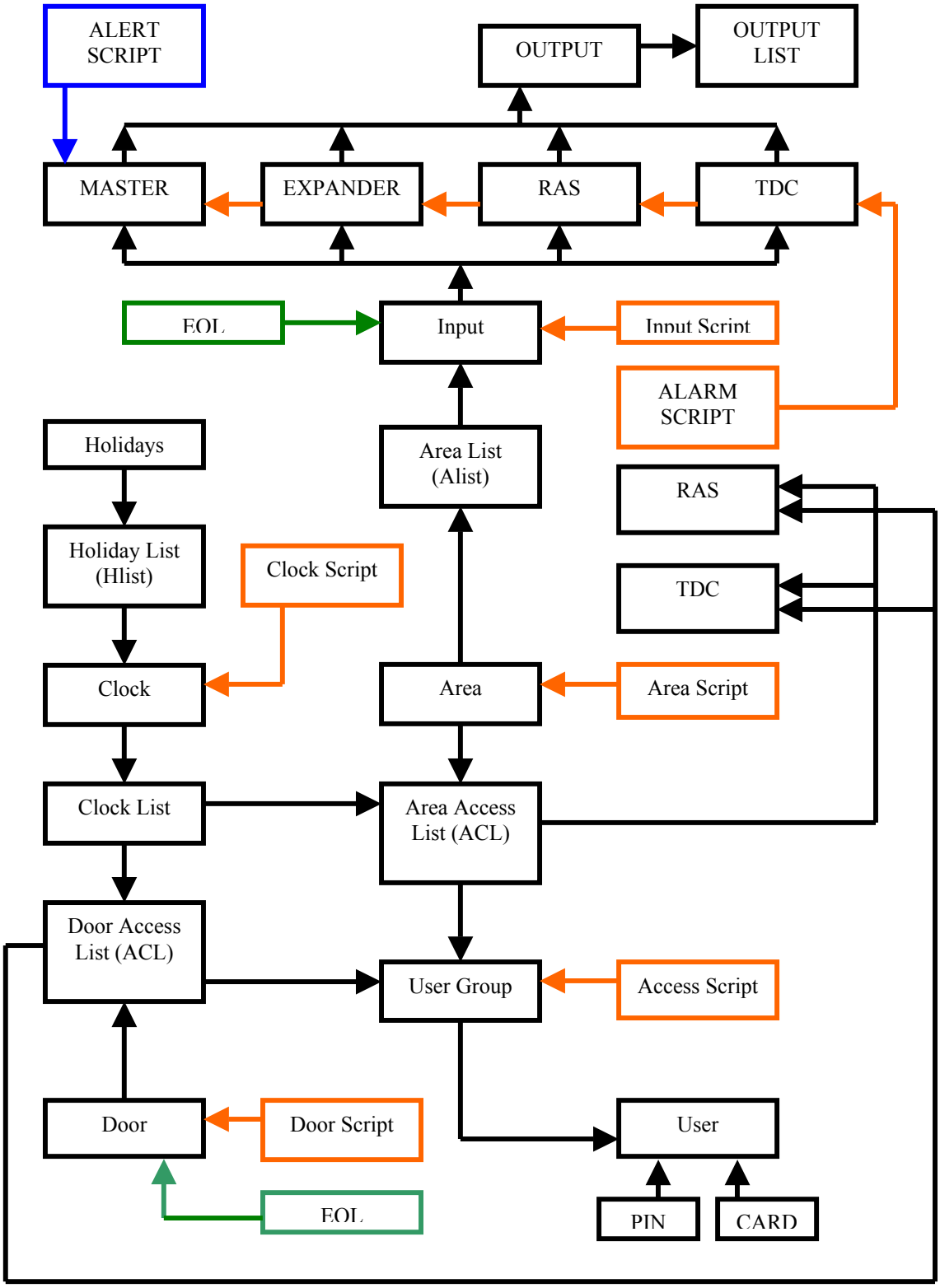
User,

Allocation of an User to appropriate User group,
Door allocation to each group and time restriction,

Please see system 'Data Base Limitation' section.

System relationship and its links to a function:

Genesis system flow chart



Data Base Limitation

System Database on the Genesis system is divided in two sections, fixed and technician selectable.

Static Database includes fixed memory allocation, which cannot be changed by the Technician.

The fixed system sizes are as follows:	Size
• Inputs per system	512
• Flags per each input	8+1
• Programmable EOLs	16
• Outputs per system	512
• Output Lists	128
• Door per system	192
• Door Access Lists	128
• Areas in the System	64
• Flags per each Area	8
• Area Lists	64
• Area Access Lists	128
• 7 Days Clocks	64
• Clock Lists	128
• Diallers	16
• User Groups	128
• Flags per each Group	8+2
• Flags per each User	8+1
• Azones	250
• Global Flags	128
• Holidays	64
• Holiday Lists	64
• Message Texts	100
Messages can be send to RAS (2 x 15 Characters) and to RS232 TEXT Port (1 x 39 characters)	
• System Variables	128

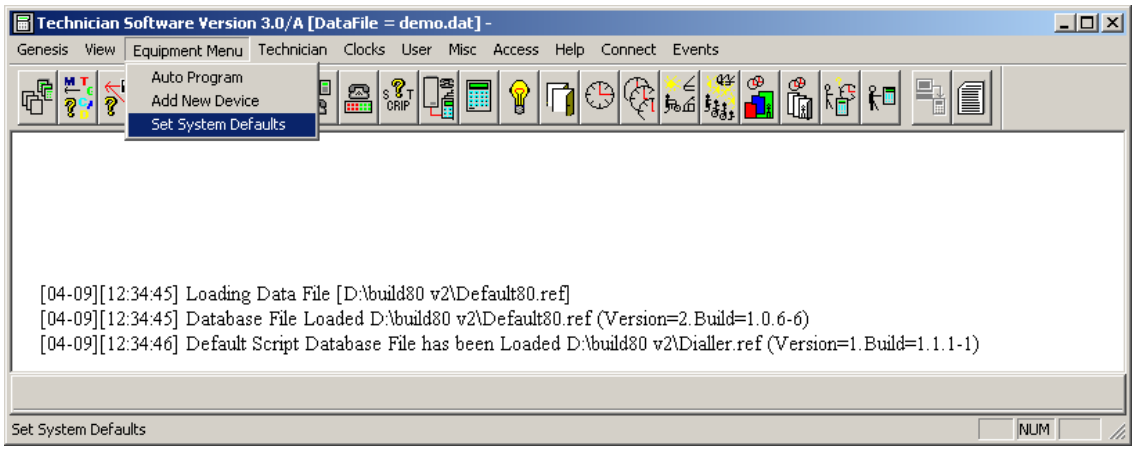
Technician Selectable and any changes should be done at the initial setup only. Once a database size has changed, all data in Genesis panel MUST be ERASED, before new sizes will take effect.

Please note: Combination of Maximum and minimum sizes of the fields below will depend on the memory size installed on your system.

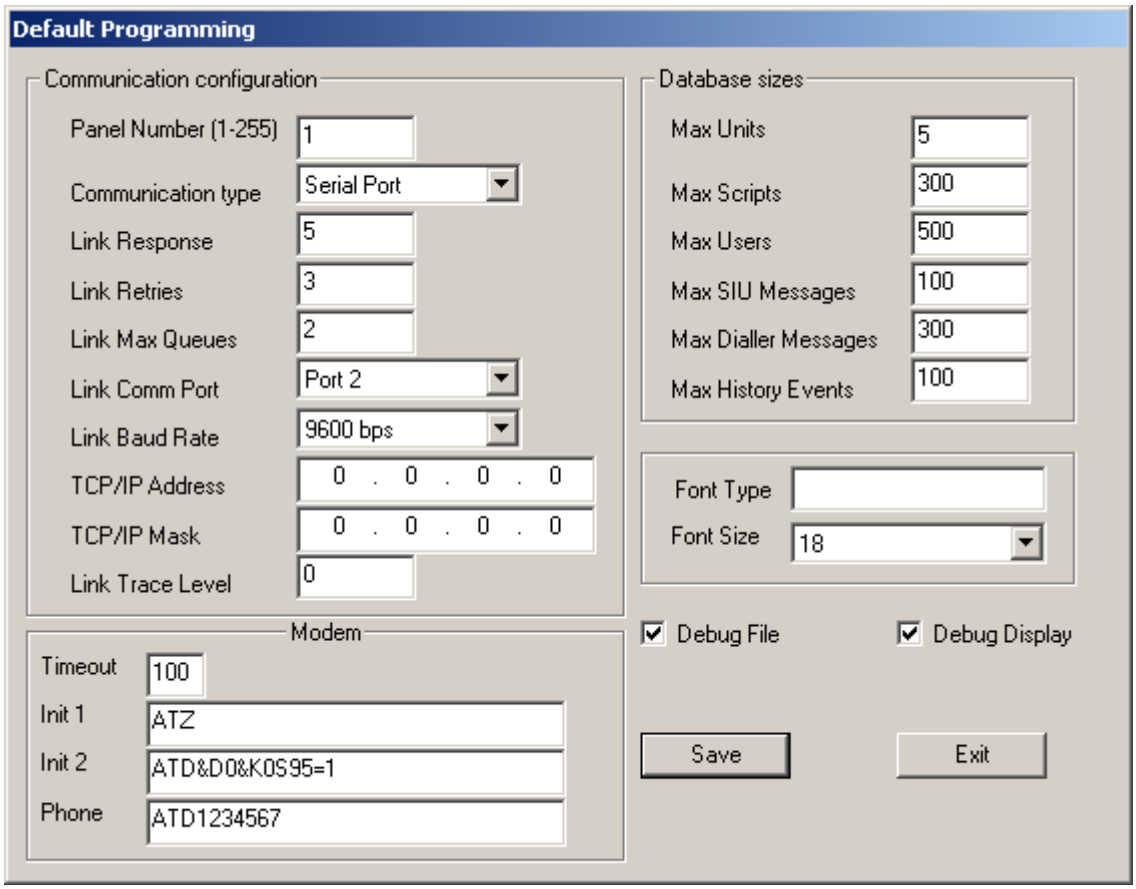
	Minimum	Maximum
• Devices on LAN	5	128
• System Scripts	100	300
• Users	120	8500
• System Log Event buffer	50	20000
• Dialler Event Buffer	0	300
• Siu Event Buffer	0	300

Typical Database size selection:

Under the Equipment menu, select ‘Set System Defaults`.



When selected, the following Dialog box will be displayed.



The above is an Example of Default Database sizes.

Maximum Devices in the System	10
Maximum Scripts in the System	200
Maximum Users in the System	500
Maximum SIU Messages (Not used)	0
Maximum Dialler Messages	100
Maximum History events	200

Note: It is very important that the database size is set up properly. If any changes are done to previously set sizes, the database MUST be DELETED first, before changes will take effect.

Communication configuration:

Panel Number: Select Panel number between 1 and 255. (***Used with Genie Software only***)

The following data should not be change, unless instructed by the Genesis staff. The following are set as default,

Communication Type: **Serial Port** or TCP/IP Connection.
Link Response: **5**
Link Retries: **3**
Link Max. Queues: **2**
TCP/IP Address: **0,0,0,0**
TCP/IP Mask: **0,0,0,0**
Link Trace Level: **0**

Select communication port, which is used to communicate to Genesis Panel. Selection must be done prior to connection to Panel.

Modem:

Timeout: Time durations in seconds, when Modem initiated call out, how long Modem waits for CONNECTion, before call is terminated. Normally this value is set to 100 and should be increased if needed.

Init 1: Enter any intitilation string required for connected modem to PC.

Init 2: Enter any additional intitilation string required for connected modem to PC.

Phone: Enter the Phone number to be called. Standard AT commands are used.

Please see Modem specification and notes below.

Link Comm. Port: ***Communication port used to communicate with Genesis panel.***

Link Baud Rate: ***9600*** Communication speed should be set to 9600 only.

Note: The communication port setting should be set prior to connecting to Panel. When changed after conection has been requiested, then software should be quit and restarted again.

Debug File: ***When selected, system generates Debug file 'ddmmyy.dbg' and should be selected only when requested. Normally this function should be not selected.***

Debug Display: ***When selected, debug information is displayed on screen only. Normally this function should be not selected.***

Font Type: ***System uses fixed Font Type and cannot be changed***

Font Size: ***Font Size can be set between 10 – 28 points. New Font Size value is set, when display is updated (e.g. Minimizated and then restore).***

Save: All data are saved.

Modem type selection:

Please note:
Genesis Electronics Australia supports NETCOMM Modems ONLY. It is up to Technician to setup they Modem correctly.

Init 1 or Init 2 String MUST includes the following format:

Netcomm modem initilization string:

ATD&D0&K0S95=1

Where:

ATD	***Standard AT command. Note: System automatically will use TONE Dialling and does not require the ATDT command,***
&D0&K0	***Selects RTS and DTR to be ignored***
S95=1	***Disable Extended reporting format.***

Quick set up guide


Add New Device


Program EOL Values


Allocate Inputs to a Device, EOL, Script and Area List


Allocate Output to a Device


Program Doors, DOTL, Relay Time, EOL and allocate Door Script


Program Area and allocate Area Script


Program Area List


Program Dialler List


Program Dialler communication values


Program System Scripts (see Script programming Manual)


Display Master and Expander Unit


Program RAS Data and allocate Door and its function.


Program Output Controller


Program TDC Controller, allocate Doors and its function.


Program 7-Day Clocks; allocate Script and Holiday list.


Program Clock List


Program Holidays


Program Holiday List


Program Area Access for User


Program Door Access for User


Program Groups and its Access variables.


Program or Change User Codes and its variables.

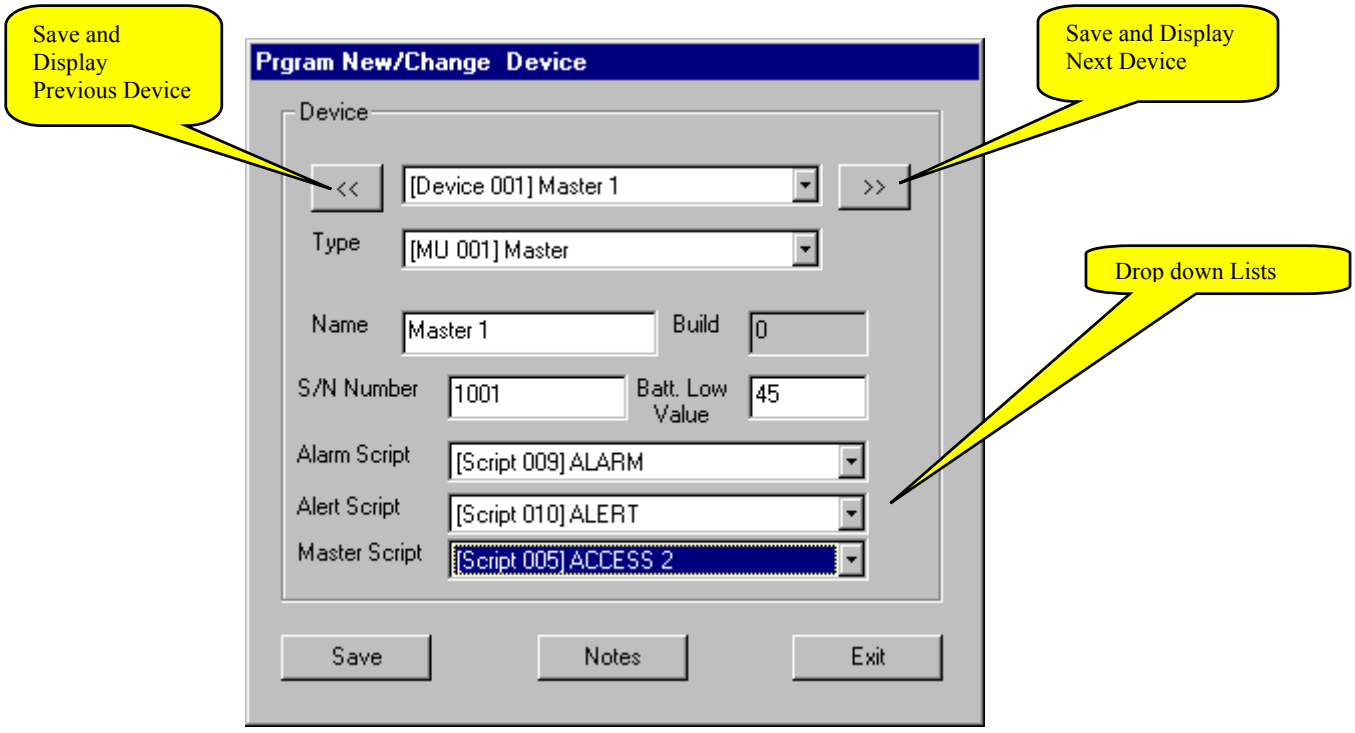

Download all programmed data to Panel


Display History Log File

Add New Device

Purpose: Add or delete device into the system.

Description: Each device must be programmed into the system, before can be used.



The above window is where new devices are programmed into the Genesis system. The top drop down list allows selection of the device location. Device type can be allocated to any device location except the Master panel, which must be allocated as a device number 1 ONLY.

TYPE: Allows you to select device type. The device types are, Master unit (MU), Expander unit (EU), LCD Key Pad (RAS), Two-Door Controller (TDC) or an Open Collector (OC) unit.

There is no limitation of how many different types of devices are used, ensuring only that system limitation is not exceeded.

For example, we can use 100 x TDC's, ensuring we do not exceed 192 doors in the whole system, or 120 x Expander units, considering that we are not exceeding total of 512 inputs and outputs.

Name: Allows you to program the device name.

Build: Build number is automatically displayed, when device information has been UPLOADED from the Genesis Panel.

S/N Number: Serial number of the device.
Please note: Each device is programmed with unique serial number located on the device hardware. Entering Serial Number '0', will delete this device. Master device cannot be deleted. If device is deleted, all previously programmed Inputs, Doors and Outputs to this device will beautomatically deleted.

Alarm Script: Select an Alarm Script for this device. Alarm script allows response to events such as Device On-Line and Off-Line, Duress Alarm, Fuse faults and restores. See Script Manual for further explanation.

Alert Script: Select an Alert Script for this device. Alert script provides response to Device Reset, Time Changed, Holidays changed, Service request and Dialler fault. See Script Manual for further explanation.

Please note: Alert Script is allocated ONLY to the Master Unit.

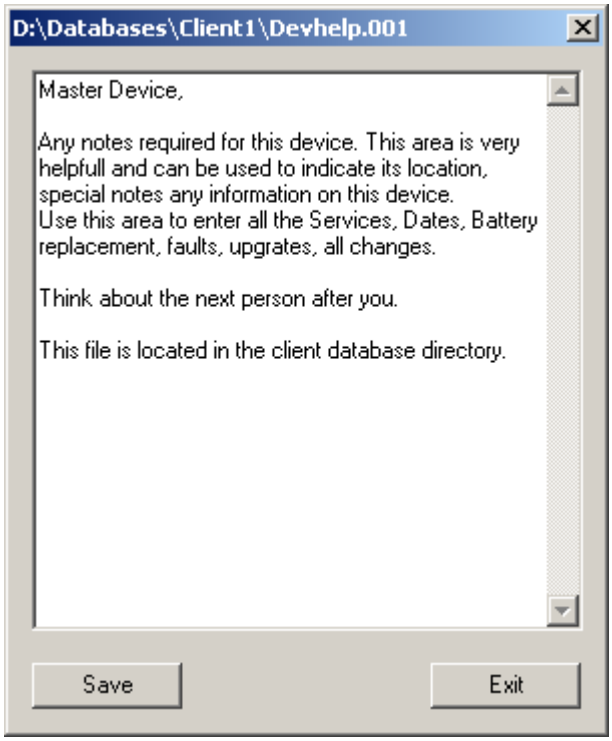
Master Script: Select an Access script, which will be used, when **User code 100** or **101** was used in the system. These User codes are treated as **Masters**.

Please note: Master Script is allocated ONLY to the Master Unit.

Battery Low: This value represents the analog value of the Battery monitor. When the system detects this value, Battery Low Power is generated. Normally this value is programmed as 45, which represents 11.2 volts trigger level. When this value is increased, the detection voltage is reduced.

Save: When this button is pressed, all data displayed in the dialog box will be saved. At this point, the system checks the Serial number entered, and if duplicated with another device, the following error message will be displayed.

Notes: This button will display the 'Notes Window', where any additional notes can be entered for this device. Each Device includes its own Notes, and note file is saved in the Client Directory.

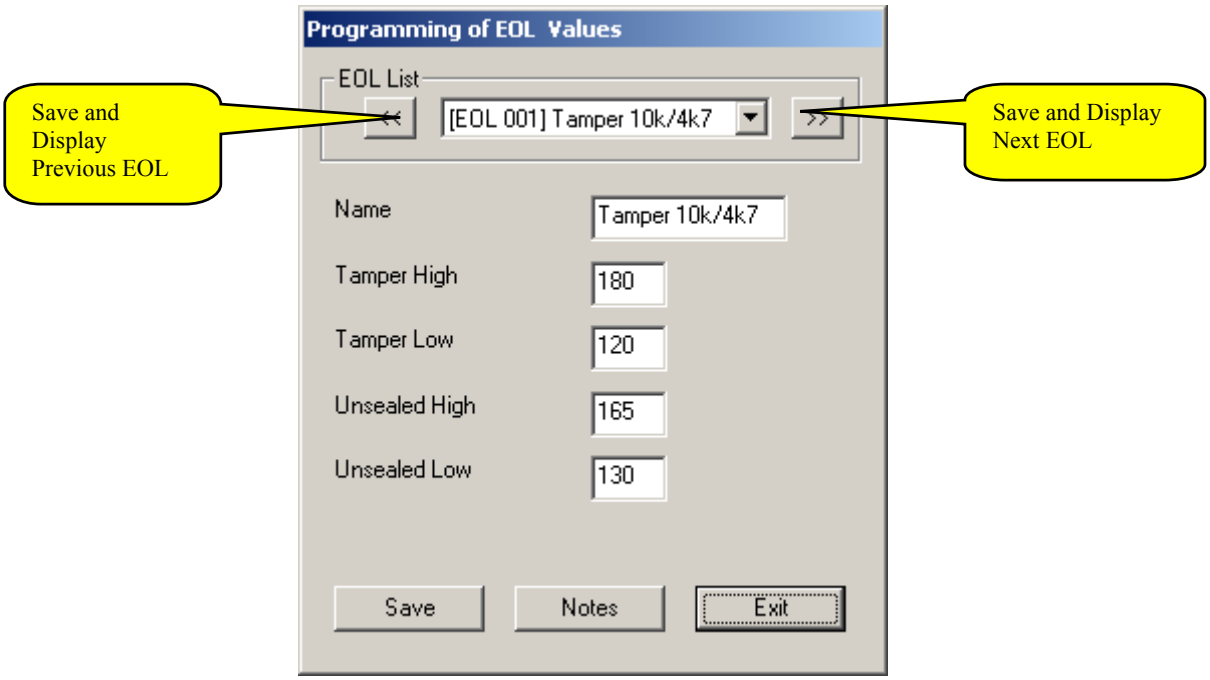


Exit: Use this button to exit the dialog box. If changes have not been previously saved, they will be ignored.

Programming of EOL Values

Purpose: Allows programming up to 16 different EOL Resistors values for input detection.

Description: Four state input values are programmed, to allow various values End-Off-Line resistors to be used.



EOL List: List selection of the EOL's.

Name: Name associated with this EOL entry,

Tamper High: Upper Tamper detection value. If input values will exceed this value, 'IF INPUT EVENT ON TAMPER' script event will be generated. Setting this value to '255` will ignore Tamper High detection. ***Normally this is set higher than the 'Unsealed High' value.***

Tamper Low: Lower Tamper detection value. If input detection will fall below this value, 'IF INPUT EVENT ON TAMPER' script event will be generated. Setting this value to '0` will ignore Tamper Low detection. ***Normally this is set lower than the 'Unsealed Low' value.***

Unsealed High: Upper unsealed detection level. If input detection exceeds this value, 'IF INPUT EVENT ON UNSEAL' script event will be generated. ***Normally this is set lower than the 'Tamper High' value.***

Unsealed Low: Lower unsealed detection level. If input detection fall below this value, 'IF INPUT EVENT ON UNSEAL' script event will be generated. ***Normally this is set higher than the 'Tamper Low' value.***

Save: When this button is pressed, all data displayed in the dialog box will be saved.

Notes: This button will display the 'Notes Window', where any additional notes can be entered for this device. Each Device includes its own notes, and note file is saved in the Client Directory.

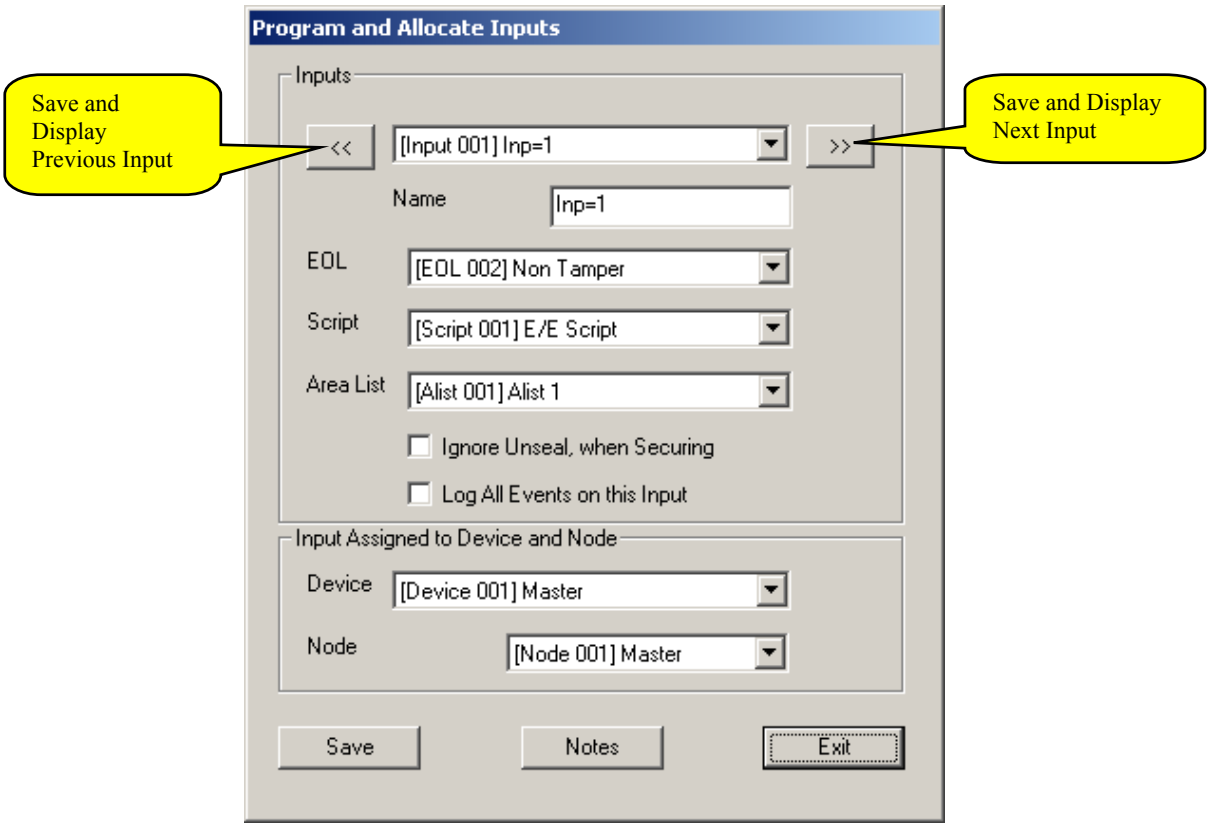
Exit: Use this button to exit the dialog box. If changes have not been previously saved, they will be ignored.

Program and Allocate Inputs

Purpose: Allows allocation of inputs to any devices in the system.

Description: Used inputs must be allocated to required devices prior to its usage.

Notes: If egress input is not used or not required on RAS or TDC devices, they can be allocated as a system input. Once input is allocated to the door, the Door input function is automatically disabled. Therefore, the DOTL and FORCED Door alarm will not be generated. In this condition, Door should be selected, with the 'Bypass door input` selected, otherwise the User access to this door will not operate correctly.



Input List: This drop down list allows selection of the input.

Name: Name for this input.

EOL: Selection of EOL used on this input.

Script: List of scripts, which are available for input function. Selected script will be activated when change of status is detected on this input.

Area List: Area List, where this input is allocated.

Ignore Unseal, when Securing: Select this box, if this input operates as Exit/Entry type, or when this input unsealed condition should be ignored, when setting to Secure mode.

Log All Events on this Input: When this box is selected, all events generated by this input will be logged into the Event History buffer. ***Please see LOG EVENT function in the SCRIPT MANUAL.***

Device: Device number, where this input is allocated,

Node: Node, to which input is assigned.

Please note: Individual devices include various numbers of nodes, which can be used as input.
Master *can have up to 32 Nodes,*
Expander *can have up to 32 Nodes,*
RAS *have only 1 programable node, egress input. Door input cannot be changed, and always must be used as a Door input.*
TDC *have 2 programable nodes, egress inputs. Door inputs cannot be changed, and always must be used as a Door input.*

Save: When this button is pressed, all data displayed in the dialog box will be saved.

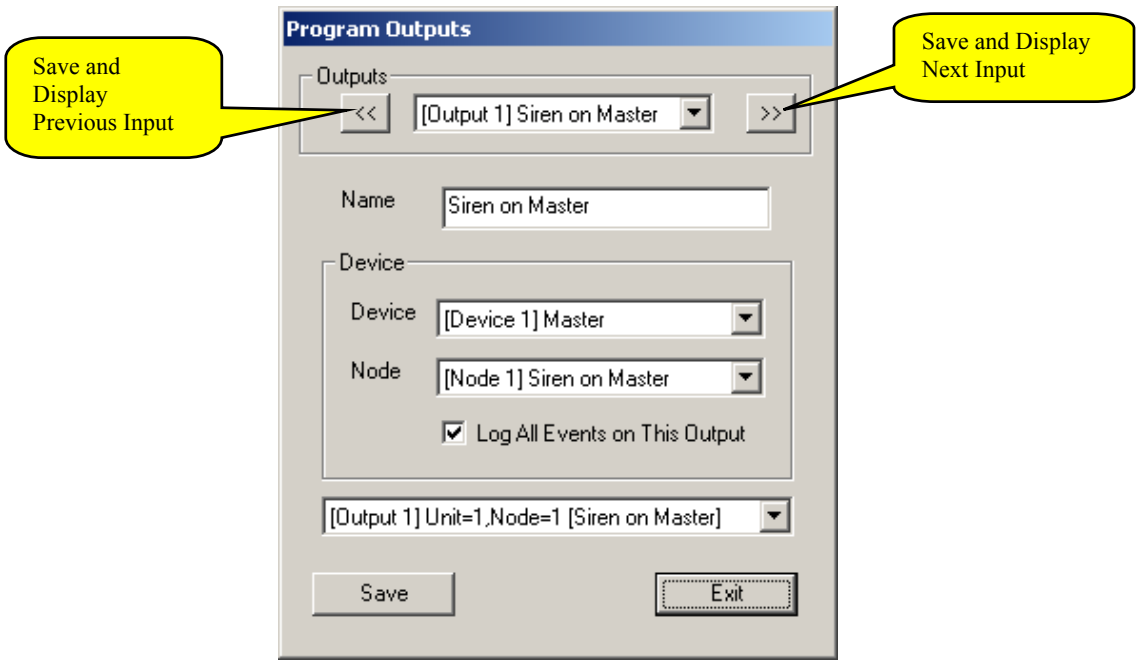
Notes: This button will display the 'Notes Window', where any additional notes can be entered for this device. Each Device includes its own notes, and note file is saved in the Client Directory.

Exit: Use this button to exit the Dialog box. If changes have not been previously saved, they will be ignored.

Program Outputs

Purpose: Allows allocation of outputs to any devices in the system.

Description: Outputs are required to drive Siren Units, Strobe Light or any warning indicators.



Output List: This drop down list allows selection of the output.

Name: Name for this output.

Device: Device number, where this output is allocated,

Node: Node, to which output is assigned.

Please note: Individual devices include various numbers of nodes, which can be used as outputs.
Master *can have up to 4+4 Nodes (4 relays located on IO Expander),*
Expander *can have up to 4+4 Nodes (4 relays located on IO Expander),*
OC *have 32 nodes, as open collector.*
RAS *have 4 LED's.*
TDC *have 4 nodes, as open collector.*

Log All Events on this Output: When this box is selected, all activity generated on this output will be logged into the Event History buffer. ***Please see LOG EVENT function in the SCRIPT MANUAL.*** Additional Drop Down list has been included, allowing the Technician to view all programmed outputs.

Save: When this button is pressed, all data displayed in the dialog box will be saved.

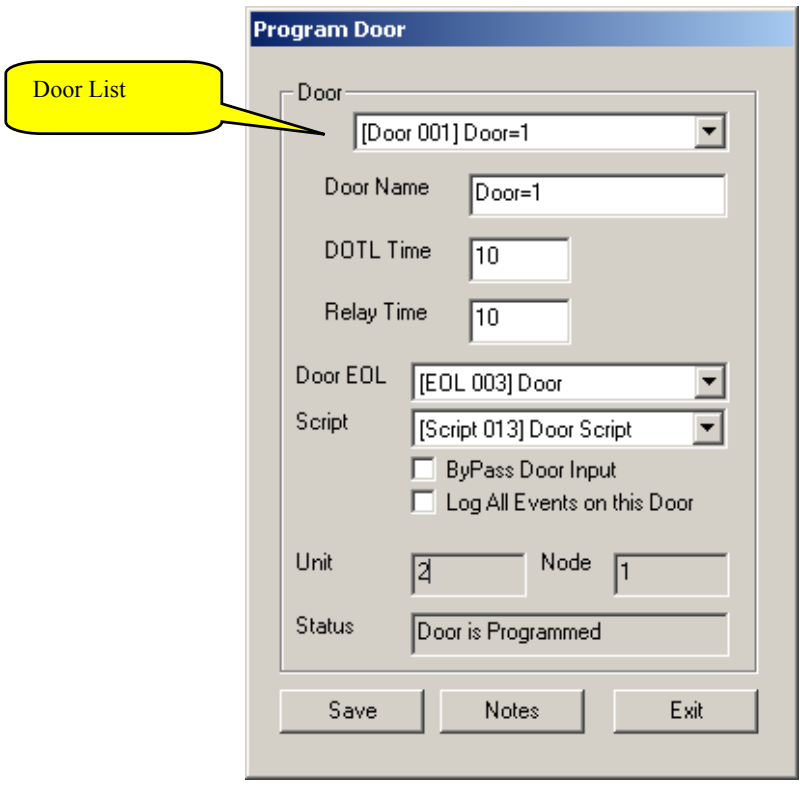
Notes: This button will display the 'Notes Window', where any additional notes can be entered for this device. Each Device includes its own Notes, and note file is saved in the Client Directory.
Exit: Use this button to exit the dialog box. If changes have not been previously saved, they will be ignored.

Strobe Light note : When connection Strobe light to a monitored output (MU & EU), ensure 680 Ohm resistor is installed across the device. This will ensure, as Strobe Light is High inpedance device, proper monitoring of the device.

Program Door

Purpose: Program information for door.

Description: Pre-program all information for a door, later allocating this door to a device.



Door List: This drop down list allows selection of the door to be programmed.

Door Name: Name for this door.

DOTL Time: Door Open Too Long (DOTL) time in Seconds.

Relay Time: Time in Seconds, how long relay will be activated, when valid door open command is issued,

Door EOL: EOL used for this door, please see EOL Programming.

Script: Script, which will be activated on door event (DOTL, FORCED and CLOSED),

By-pass Door Input: When selected, systems will recognize CARD door entry without opening of the door, otherwise entry will be recognized only when door is opened. This selection should be enabled, when **Bundy** door is used. ***Bundy is used as Time control logging only (so the Door is not associated to it)***

Please note: This function WILL operate on CARD operation ONLY, and will NOT affect the function for door entry, while using User PIN number only.

Log All Events on this Door: When this box is selected, all activity generated on this door will be logged into the Event History buffer. ***Please see LOG EVENT function in the SCRIPT MANUAL.***

Unit: Displays device when this door is allocated.

Node: Node to which Door is assigned.

Status: Indicates if this door is programmed.

Save: When this button is pressed, all data displayed in the dialog box will be saved.

Notes: This button will display the 'Notes Window', where any additional notes can be entered for this device. Each device includes its own notes, and note file is saved in the Client Directory.

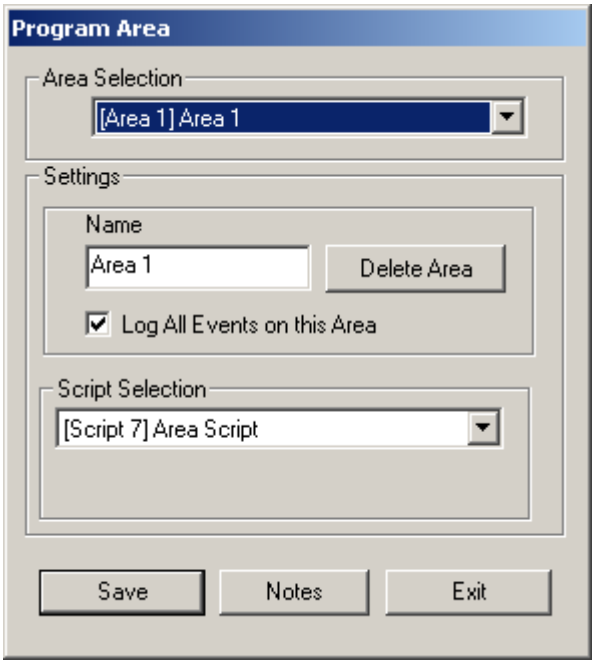
Exit: Use this button to exit the dialog box. If changes have not been previously saved, they will be ignored.

Notes: When Forced door alarm is activated, the DOTL alarm cannot be generated.

Program Area

Purpose: Program Area information.

Description: Pre-program all information for an area, allowing later use of this area.



Area List: This drop down list allows selection of the Area to be programmed.

Area Name: Name for this Area.

Log All Events on this area: When this box is selected, all activity generated on this area will be logged into the Event History buffer. ***Please see LOG EVENT function in the SCRIPT MANUAL.***

Delete Area: Once this button is pressed, the Area is deleted. System removes all entries using this Area. Area ACL Area List is affected by this command. ***System will generate report of which Area ACL and Area List has been changed, when Area is deleted.***

Script: Script that will be activated on area events,

Save: When this button is pressed, all data displayed in the dialog box will be saved.

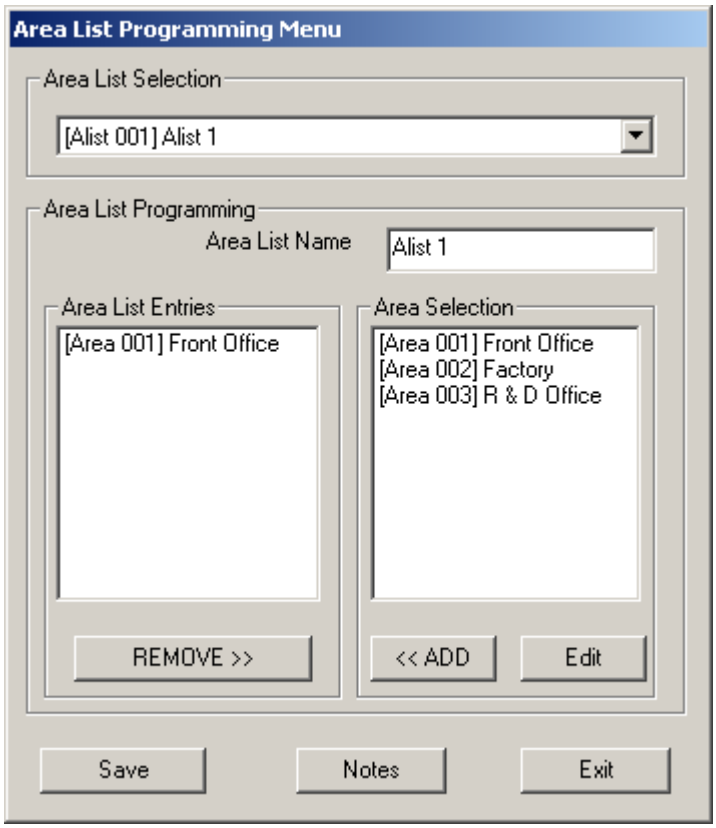
Notes: This button will display the 'Notes Window', where any additional notes can be entered for this device. Each device includes its own notes, and note file is saved in the Client Directory.

Exit: Use this button to exit the dialog box. If changes have not been previously saved, they will be ignored.

Area list

Purpose: To allow inputs to be allocated to single or multiple areas.

Description: Area List is allocated to input allowing multi-area control.



Area List Selection: This drop down list allows selection of the Area List to be programmed.

Area List Name: Name for this Area List.

Area Selection: Available Areas in the system.

Area List entries: List of Areas allocated to this Area List.

Area List: This drop down list allows selection of the Area List to be programmed.

ADD: Copies selected Areas into the Area List Entries window.

REMOVE: Removes selected Areas from the Area List Entries.

Edit: Jumps into the AREA Programming Menu.

Save: When this button is pressed, all data displayed in the dialog box will be saved.

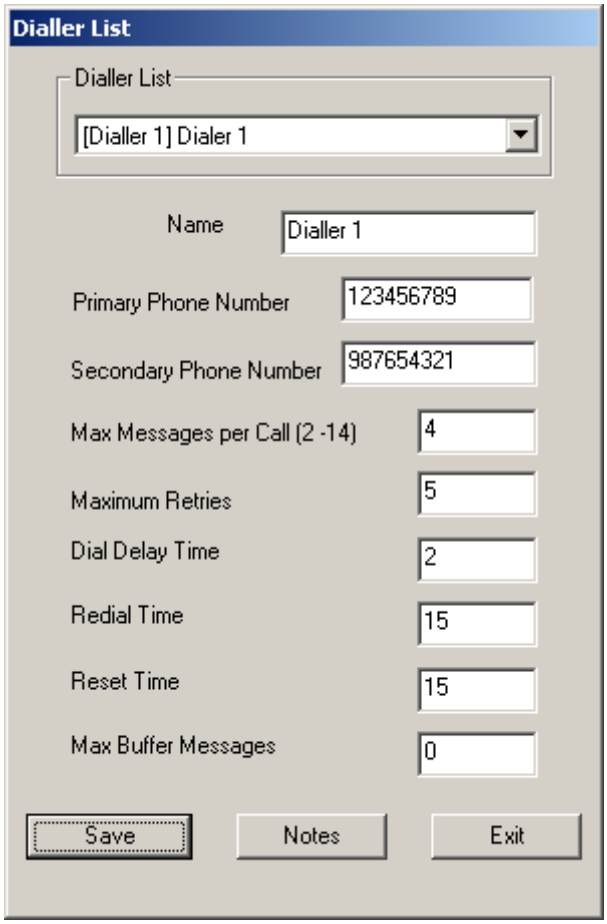
Notes: This button will display the 'Notes Window', where any additional notes can be entered for this device. Each device includes its own notes, and note file is saved in the Client Directory.

Exit: Use this button to exit the Dialog box. If changes have not been previously saved, they will be ignored.

Dialler List

Purpose: Program multiple Diallers.

Description: Genesis allows event reporting up to 16 Diallers. Each Dialler can communicate to different monitoring station.



Dialler List: This drop down list allows selection of the Dialler List to be programmed.

Name: Name for this Dialler List.

Primary Phone Number: Phone number for the monitoring station.

Secondary Phone Number: Phone number for the monitoring station, used when Dialler error has been generated, while system could not establish communication using the Primary Phone Number.

Please Note: The "," character within the Phone number generates delay require for the PABX unit. See '**Wait time for PABX'** for futher explonation.

Max Messages p/Call (2-14) Maximum no. of event messages transmitted within a single call

Maximum Retries: How many times the primary number will be tried before moving onto the secondary.

At the time (September 2000) Austel regulations specified 8 retries maximum.

Note 1

Dial Delay time:	*Delay time in seconds, how long the system will wait after sending maximum number of messages within a call, before redial is started.*
Redial Time:	*Time delay in seconds, how long dialler will wait between retries. Once reties limit has been reached, the Dialler will generate Error event.*
Reset Time:	*After the Error event has been generated, this is the Dialler waiting time in minutes, before the dialler sequance is restarted.*
Max Buffer Messages:	Size of Dialler buffer, allocated to this Dialler List. ***Please see Maximum Dialler Buffer size.***
Save:	When this button is pressed, all data displayed in the dialog box will be saved.

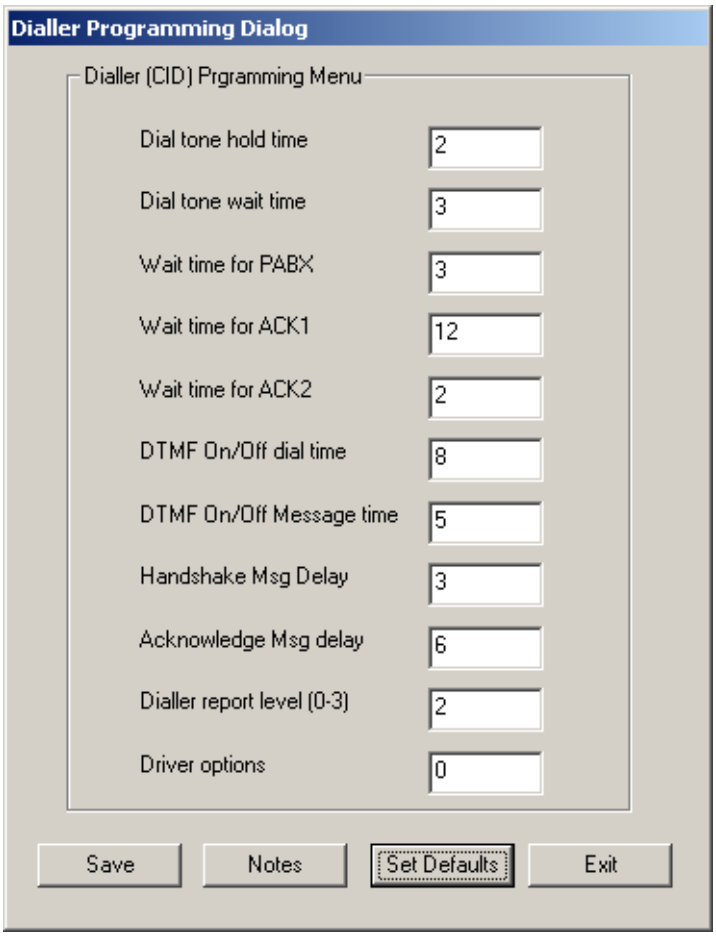
Notes: This button will display the 'Notes Window', where any additional notes can be entered for this device. Each device includes its own notes, and note file is saved in the Client Directory.

Exit: Use this button to exit the dialog box. If changes have not been previously saved, they will be ignored.

Dialler Programming Dialog

Purpose: Program Dialler communication timing.

Description:



Dial tone hold time: Time, how long the dialler waits between detection of dial tone and starts to dial out. If BLIND (does not wait for dial tone) dialing is required and this value should be set to '0'.

Note 2

Dial tone wait time: How long the dialler waits when dial tone has been detected. *If BLIND Dialling is selected, we recommend this value be increased at least to 5 seconds.*

Wait time for PABX: How long the dialler waits when PABX delay character has been detected in the phone number. The Delay character is ',' and each character generates delay time, as programmed in the '***Wait time for PABX'*** box.

Wait time for ACK1: How long the dialler waits, after dial sequance is completed, for the KISS OFF tone from the monitoring station. The ACK1 tone transmitted by the monitoring station equipment indicates request for start of data transmission.

Wait time for ACK2: Time, how long the dialler waits for ACKNOWLEGEMENT tone from the monitoring station, after message has been transmitted. ACK2 tone is transmitted by the monitoring station equipment, if a valid data been received.

DTMF On/Off dial time:
DTMF make/break tone duration used for tone dialing. Time is in 10 off milliseconds (8 *10 = 80mS).

DTMF On/Off Message time:
DTMF make/break tone duration used for tone data transmission. Time is in 10 off milliseconds (5 *10 = 50mS).

Handshake Message Delay:
Time how long system waits between each message transmission. Time is in 10 milliseconds (3*10 = 30mS).

Acknowledge Message delay:
Time is in 10 milliseconds (5*10 = 50mS).

Dialler report level: Event log report level of Dialler activity. 0 = No Report, 1 = Medium Report, 2 = Detailed report.

Drive option: Provision for future development. Presently not used.

Save: When this button is pressed, all data displayed in the dialog box will be saved.

Set Defaults: Restore all entries to default values.

Notes: This button will display the 'Notes Window', where any additional notes can be entered for this device. Each device includes its own notes, and note file is saved in the Client Directory.

Exit: Use this button to exit the dialog box. If changes have not been previously saved, they will be ignored.

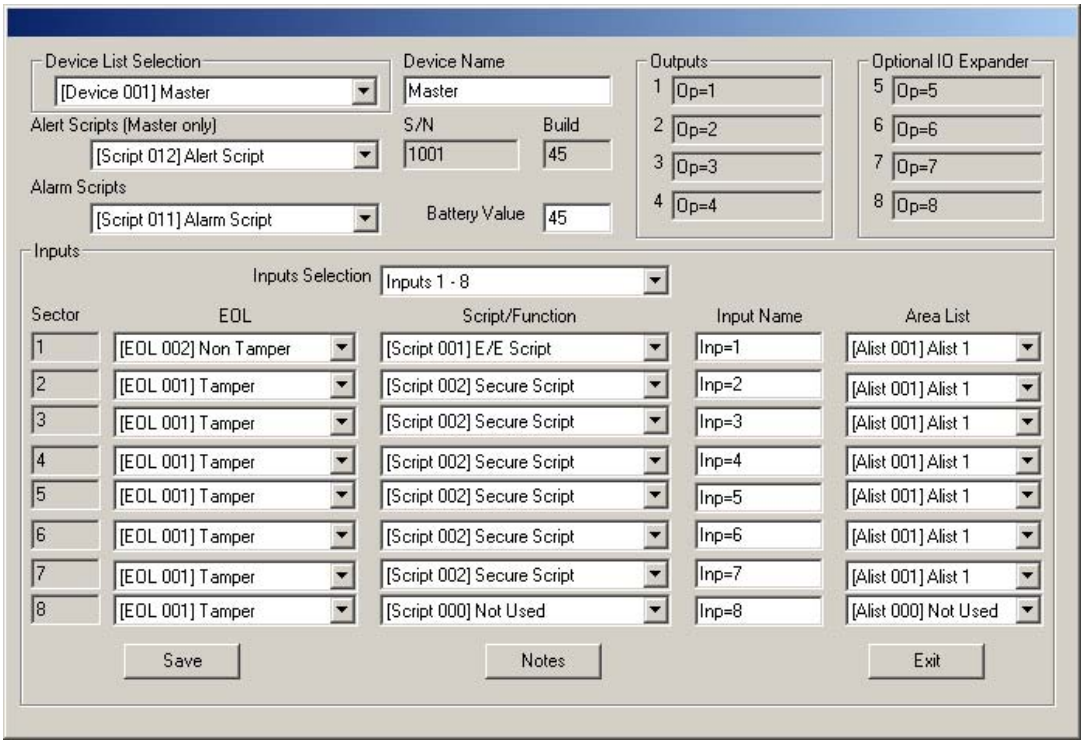
Please note: We do not recommend any changes to the default values, unless instructed by the Genesis technical staff.

Monitoring station equipment should be selected to Receive Contact ID message type only.

Master and Expander display Dialog screen

Purpose: Displays programmed data for Master and Expender units on single screen.

Description:



Device List Selection:
Drop down list, allowing selection of existing device to be displayed on the dialog box.

Device Name: Name of the device.

Alert Scripts: List of available alert scripts. Alert Script is used on master panel only.

Alarm Scripts: List of available alarm scripts.

S/N: Serial number of the device (cannot be changed in this menu).

Build: Build number of software installed on this device. Build number is updated only when data has been uploaded from this device.

Battery Value: Low power voltage detection value. This value, set at 45, generates low power alarm when voltage falls below 11.2 volts. When this value is increased, detection voltage is reduced (value of 52 sets the low power to 10.2 volts).

Input Selection: Drop down list allows selection of inputs in group of 8, 1-8, 9-16, 17-24 and 25 – 32. ***Please ensure data is saved (if changed) before selection next group.***

Sector: Input number allocated to this node.

EOL: List of available EOL's in the system.

Script/Function: List of available input scripts

Input Name: Name of the input

Area List: Available area lists in the system

Outputs: Outputs allocated to this device

Save: When this button is pressed, all data displayed in the dialog box will be saved.

Notes: This button will display the 'Notes Window', where any additional notes can be entered for this device. Each device includes its own notes, and note file is saved in the Client Directory.

Exit: Use this button to exit the dialog box. If changes have not been previously saved, they will be ignored.

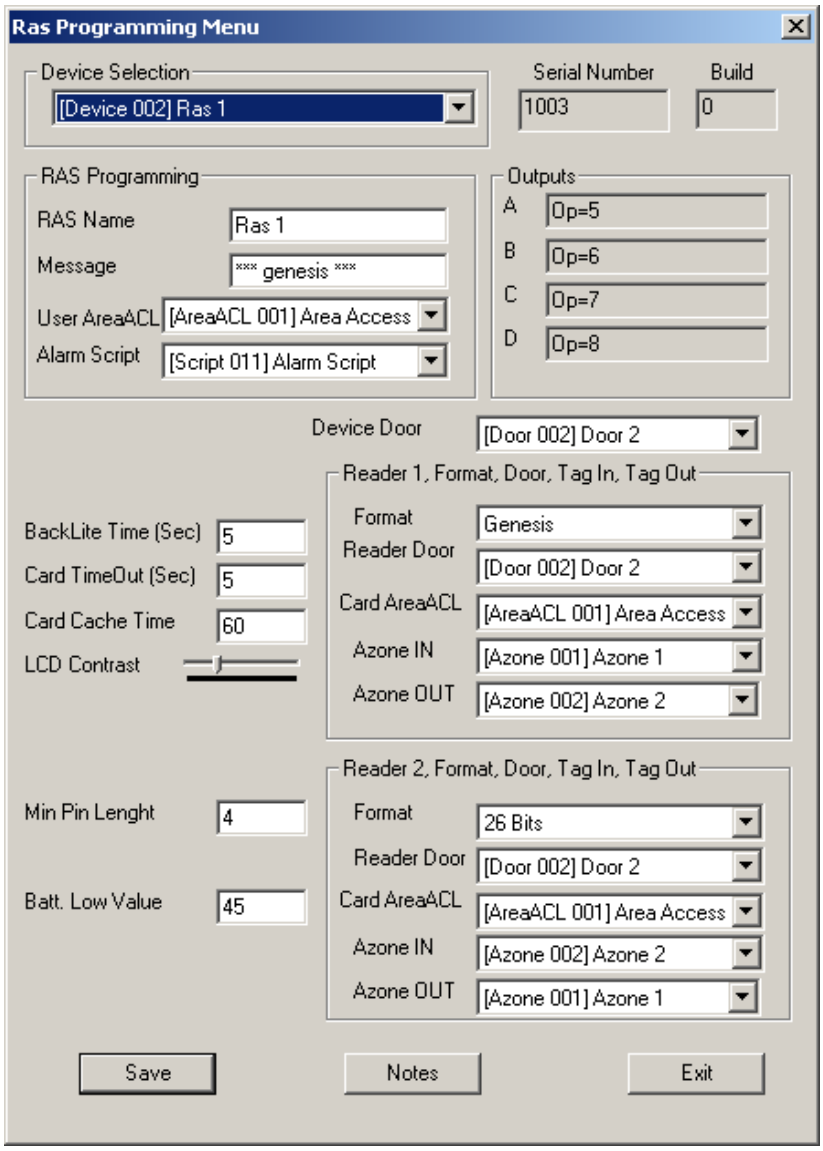
Please note: When menu is displayed, system will automatically display selected function in each Drop Down List.

If some data is not programmed, "Not Used" will be displayed indicating that it requires attention.

RAS Programming Menu

Purpose: Programming required data to the RAS device.

Description:



Device Selection: Drop down list, allowing selection of existing RAS device and displays programmed information on the dialog box.

RAS Name: Name of the device

Message: Default message displayed at the RAS

Serial Number: Serial number of the device (cannot be changed in this menu).

Build: Build number of software installed on this device. Build number is updated only when data has been uploaded from this device.

Outputs: Outputs allocated to this device

User Area ACL: List of areas, allowing control by any users from this RAS.

Alarm Script: Alarm script allocated to this device.

Device Door: Door allocated to this hardware.

Backlite Time: Time in minutes of how long LCD display remains alight after its usage.

Card Timeout: **Time in seconds**, allowing card to be presented for multiple reading.

Card Cache Time: **Time in minutes** of how long the last 100 valid cards will allow door access in event of communication failure. ***Value of '0', will remove this option (no CACHE). Time can be between 1 – 65535 minutes)***

LCD Contrast: Contrast setting for the LCD display,

Min Pin Length: Default size of minimum length of a pin when programmed from this RAS.

Batt. Low Value: Low Power voltage detection value. This value, set at 45, generates low power alarm, when voltage falls below 11.2 volts. When this value is increased, detection voltage is reduced (value of 52 sets the low power to 10.2 volts).

Reader 1, Format, Door, Tag In, Tag Out

IN: IN Value, assigned to this reader
OUT: OUT Value, assigned to this reader
Format: List selection for card format used on this reader
Door: Door assigned to this reader
Card a-list: List of areas, which can be operated by CARDS

Reader 2, Format, Door, Tag In, Tag Out

IN: IN value assigned to this reader
OUT: OUT value assigned to this reader
Format: List selection for card format used on this reader
Door: Door assigned to this reader
Card a-list: List of areas, which can be operated at this reader by CARDS

Save: When this button is pressed, all data displayed in the dialog box will be saved.

Notes: This button will display the 'Notes Window' where any additional notes can be entered for this device. Each device includes its own notes and the note file is saved in the Client Directory.

Exit: Use this button to exit the dialog box. If changes have not been previously saved, they will be ignored.

Please note:

Door allocated to the reader MUST BE the same as the Device Door.

IN, OUT Azone function:

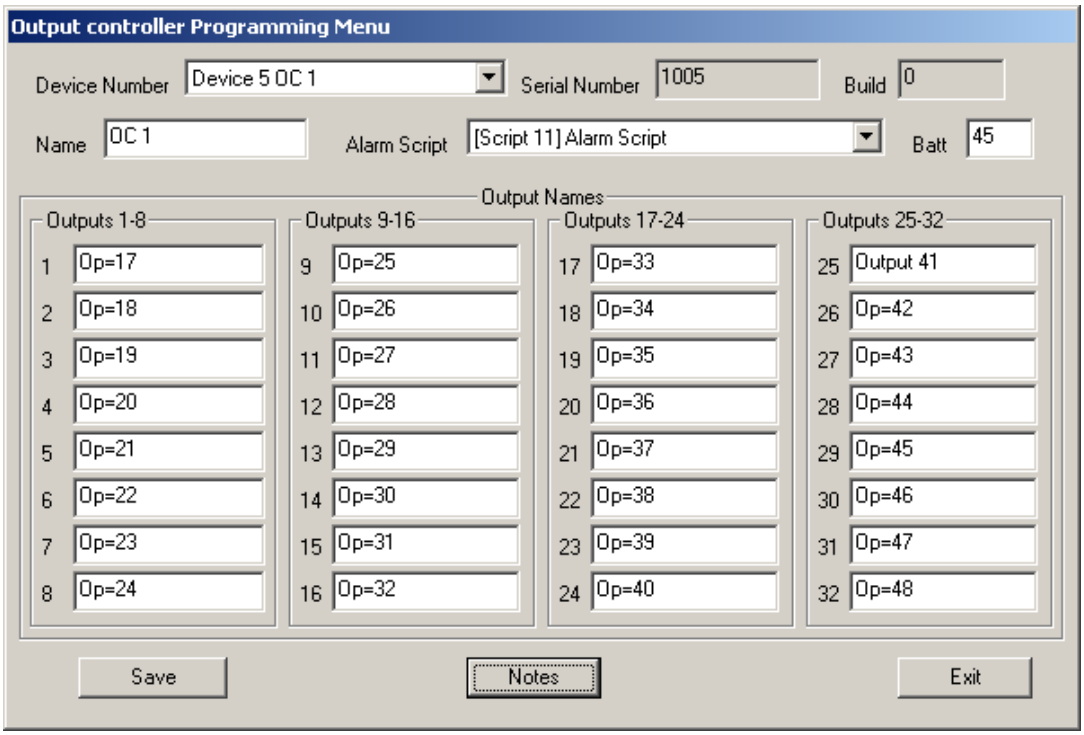
Valid card presented at the reader must match its Azone value to the **IN VALUE**. If this value is matched, access is gained and the **OUT VALUE** is assigned to this CARD Azone.
Next card presentation must match the **IN VALUE**, and then the above sequence is to be repeated.

If the IN/OUT function is not used on the reader. The IN and OUT value should be set to value of '0'.Otherwise azone value can be between 1 – 250.

Output controller Programming Menu

Purpose: Programming required data to the output controller device.

Description:



Device Selection: Drop down list, allowing selection of existing OC device and displays programmed information on the dialog box.

Name: Name of the device

Serial Number: Serial number of the device (can not be changed at this menu)

Alarm Script: Alarm script allocated to this device.

Build: Build number of software installed on this device. Build number is updated only, when data has been uploaded from this device.

Batt: Low Power voltage detection value. This value, set at 45, generates low power alarm when voltage falls below 11.2 volts. When this value is increased, detection voltage is reduced (value of 52 sets the low power to 10.2 volts).

Outputs: Outputs allocated to this device. ***Only names can be updated from this menu***.

Save: When this button is pressed, all data displayed in the dialog box will be saved.

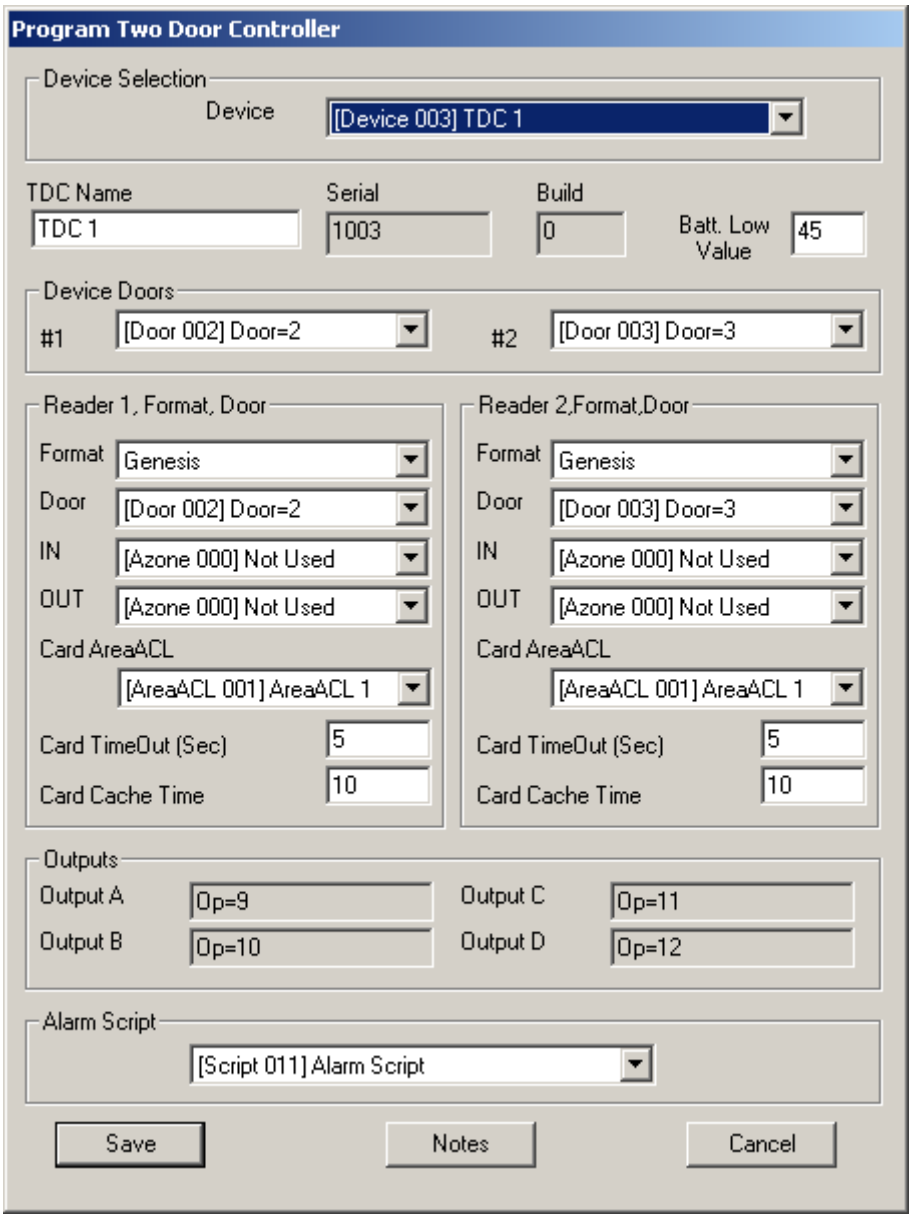
Notes: This button will display the 'Notes Window', where any additional notes can be entered for this device. Each device includes its own notes, and note file is saved in the Client Directory.

Exit: Use this button to exit the dialog box. If changes have not been previously saved, they will be ignored.

Two Door Controller Programming Menu

Purpose: Programs required data to the TDC device.

Description:



Device Selection: Drop down list, allowing selection of existing TDC devices and displays programmed information on the dialog box.

Name: Name of the device

Serial Number: Serial number of the device (can not be changed in this menu)

Build: Build number of software installed on this device. Build number is updated only when data has been uploaded from this device.

Batt. Low Value: Low power voltage detection value. This value, set at 45, generates low power alarm when voltage falls below 11.2 volts. When this value is increased, detection voltage is reduced (value of 52 sets the low power to 10.2 volts).

Device Door: Door allocated to this hardware,

Reader 1, Format, Door

IN: IN value assigned to this reader
OUT: OUT value assigned to this reader
Format: List selection for card format used on this reader
Door: Door assigned to this reader
Card AreaACL: List of areas that can be operated by CARDS
Card Cache Time: Time in minutes of how long the last 100 valid cards will allow door access in event of communication failure. ***Value of '0', will remove this option (no CACHE). Time can be between 1 – 65535 minutes)***
Card timeout: Time in seconds, allowing card to be presented for multiple readings

Please note:
Door allocated to the reader MUST BE the same as the Device Door.

Reader 2, Format, Door

IN: IN value assigned to this reader
OUT: OUT value assigned to this reader
Format: List selection for card format used on this reader
Door: Door assigned to this reader
Card AreaACL: List of areas that can be operated at this reader by CARDS
Card Cache Time: Time in minutes of how long the last 100 valid cards will allow door access in event of communication failure. ***Value of '0', will remove this option (no CACHE). Time can be between 1 – 65535 minutes)***
Card timeout: Time in seconds, allowing card to be presented for multiple readings

Please note:
Door allocated to the reader MUST BE the same as the Device Door.

Outputs: Outputs allocated to this device.

Alarm Script: Alarm script allocated to this device.

Save: When this button is pressed, all data displayed in the dialog box will be saved.

Notes: This button will display the 'Notes Window', where any additional notes can be entered for this device. Each device includes its own notes, and the note file is saved in the Client Directory.

Exit: Use this button to exit the dialog box. If changes have not been previously saved, they will be ignored.

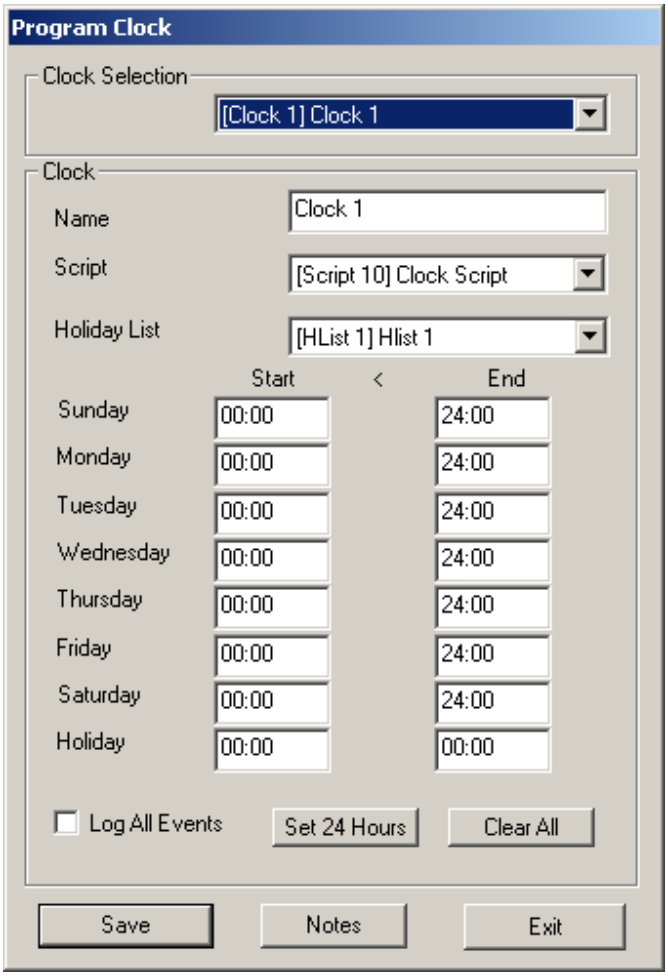
IN, OUT Azone function:
Valid Card presented at the reader must match its Azone value to the **IN VALUE**. If this value is matched, access is gained and the **OUT VALUE** is assigned to this CARD Azone.
Next card presentation must match the **IN VALUE** and then the above sequence is to be repeated.

If the IN/OUT function is not used on the Reader, the IN and OUT value should be set to value of '0'.

Program Clock

Purpose: Programs required Clock data.

Description: Clock is used for system events and Clock List for User access restriction.



Clock Selection: Drop down list, allowing selection of clocks for programmed purpose.

Name: Name of the clock

Holiday List: Drop down list, allowing selection of existing Holiday lists to be assigned to this clock.

Sunday: Starting and ending valid time for this clock for Sunday.
Monday: Starting and ending valid time for this clock Monday.
Tuesday: Starting and ending valid time for this clock for Tuesday.
Wednesday: Starting and ending valid time for this clock for Wednesday.
Thursday: Starting and ending valid time for this clock for Thursday.
Friday: Starting and ending valid time for this clock for Friday.
Saturday: Starting and ending valid time for this clock for Saturday.

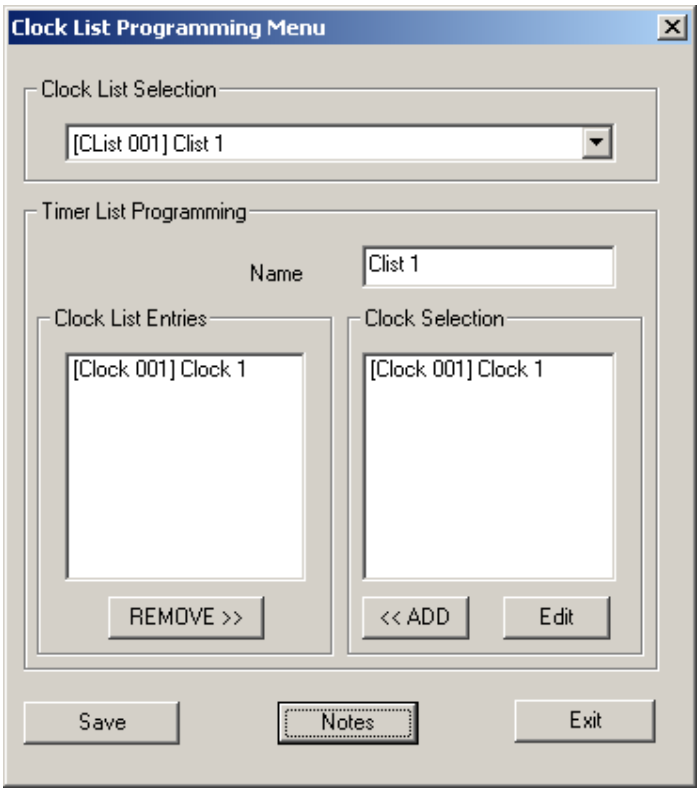
Holiday: Starting and ending valid time for this clock, when holiday in the Holiday List is active.

Log All Events:	When this box is selected, all activity generated on this clock will be logged into the Event History buffer. ***Please see LOG EVENT function in the SCRIPT MANUAL.***
Set 24 hour:	When pressed, the clock is set valid for 24 hours on Monday to Sunday.
Clear All:	When pressed, the clock is set VOID for all days of the week.
Save:	When this button is pressed, all data displayed in the dialog box will be saved.
Notes:	This button will display the 'Notes Window', where any additional notes can be entered for this device. Each device includes its own notes and note file is saved in the Client Directory.
Exit:	Use this button to exit the dialog box. If changes have not been previously saved, they will be ignored.

Clock List Programming Menu

Purpose: Programs required Clock List.

Description: Clock list is used for user access restriction.



Clock List Selection: Drop down list, allowing selection of Clock List for programming purposes.

Name: Name of the Clock List.

Clock List Entries: List of allocated Clocks in this list.

Clock selection: List of available Clocks.

ADD: Copies selected Clocks into the Clock List Entries window.

REMOVE: Removes selected Clocks from the Clock List Entries.

Edit: Jumps into the Clock Programming Menu.

Save: When this button is pressed, all data displayed in the dialog box will be saved.

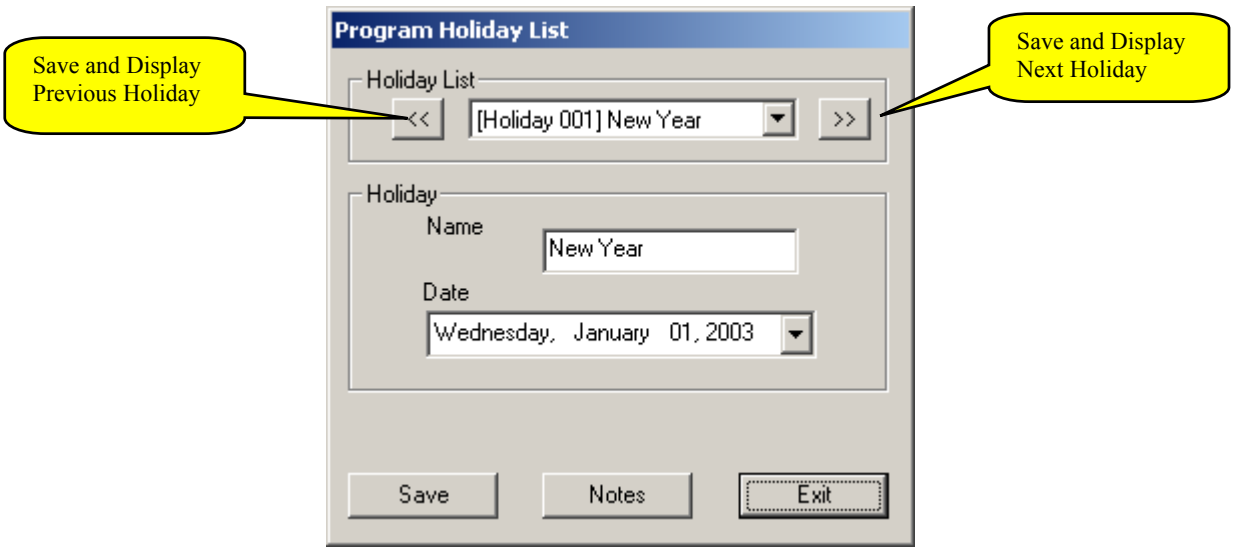
Notes: This button will display the 'Notes Window', where any additional notes can be entered for this device. Each device includes its own notes, and note file is saved in the Client Directory.

Exit: Use this button to exit the dialog box. If changes have not been previously saved, they will be ignored.

Program Holidays

Purpose: Programs required for Holiday List.

Description: Holidays are used in the Holiday List, which is used in conjunction with Clocks.



Holiday List: Drop down list, allowing selection of holiday for programming purposes.

Name: Name of the holiday,

Date: Date allocated to this holiday. Drop list allows selection using Calendar format, or simply change the Year, Day and Month to your requirement.

Save: When this button is pressed, all data displayed in the dialog box will be saved.

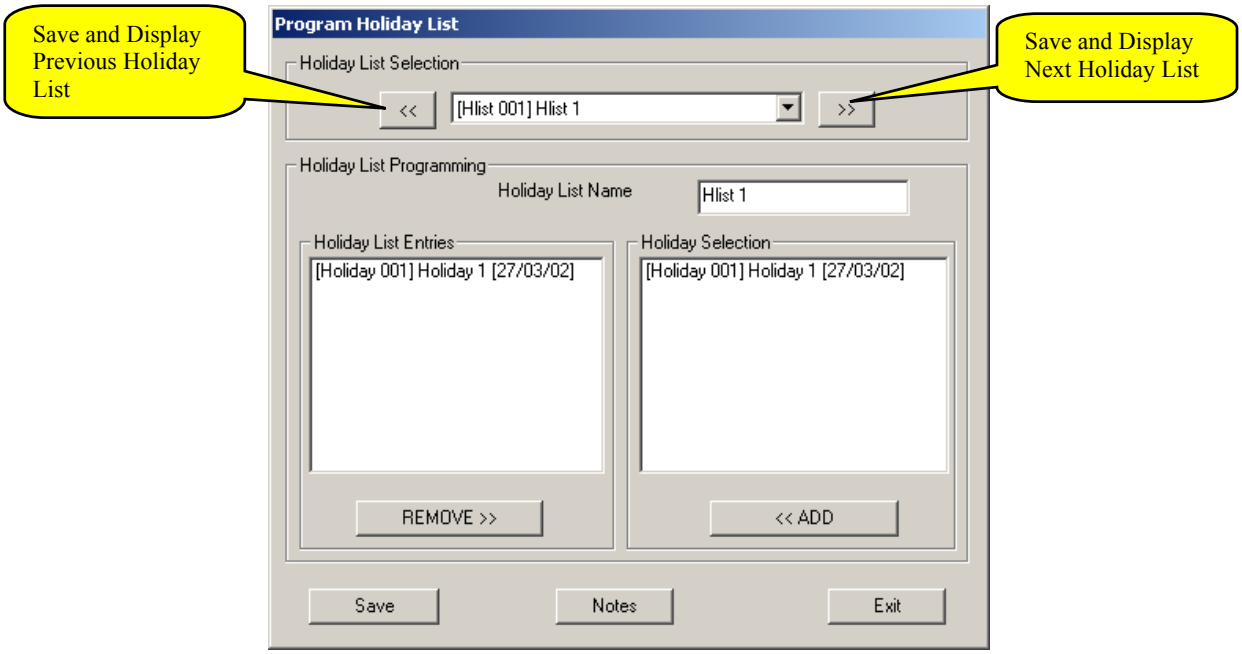
Notes: This button will display the 'Notes Window', where any additional notes can be entered for this device. Each device includes its own notes, and note file is saved in the Client Directory.

Exit: Use this button to exit the dialog box. If changes have not been previously saved, they will be ignored.

Program Holiday List

Purpose: Programs required Holiday List.

Description: Holiday List includes list of Holidays, and is used in conjunction with Clocks.



Holiday List Selection: Drop down list, allowing selection of Holiday List for programming purposes.

Name: Name of the Holiday List,

Holiday List Entries: List of allocated Holidays in this list,

Holiday selection: List of available Holidays,

ADD: Copies selected Holidays into the Holiday List Entries window.

REMOVE: Removes selected Holidays from the Holiday List Entries.

Save: When this button is pressed, all data displayed in the dialog box will be saved.

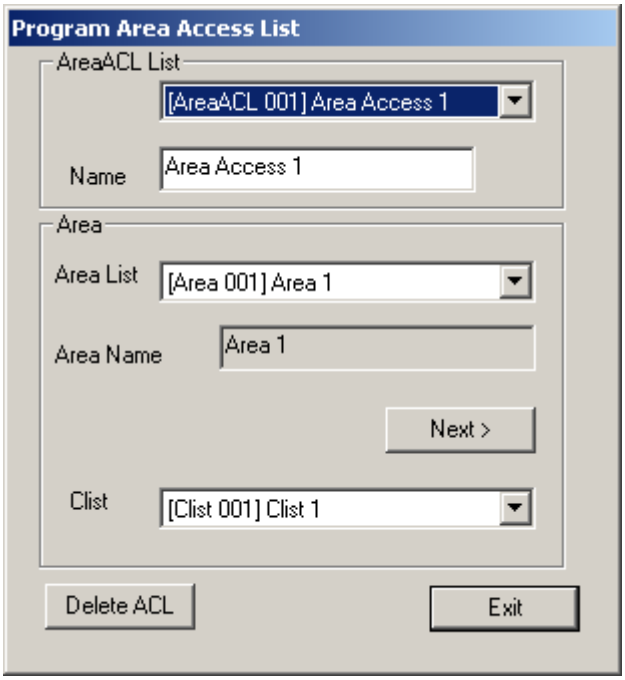
Notes: This button will display the 'Notes Window', where any additional notes can be entered for this device. Each device includes its own notes, and note file is saved in the Client Directory.

Exit: Use this button to exit the dialog box. If changes have not been previously saved, they will be ignored.

Program Area Access List

Purpose: To program or change Area Access information.

Description: Each group is allocated to Area Access List. Each List includes an area and associated Clock List. Each area access list then provides control to selected areas.



Area Access List: Drop down list, allowing selection of Area Access Lists.

Name: Name of the Area Access List. ***(Note: Name is not transmitted to Panel and when data is uploaded from the Panel, this field is not deteted on the PC database).***

Area: Available areas drop down list.

Name: Name of selected area.

Back: When pressed, the previous area is selected.

Next: When pressed, the next available area is selected.

Clock List: Clock List assigned to selected Area. ***Please note: '[Clist 000] No Access`, removes access to this Area, in groups where Area Access List is allocated.***

Please note: The NEXT and BACK Buttons are automatically hidden, if previous or next area is not available. When the NEXT or BACK button is pressed, entered data is saved.

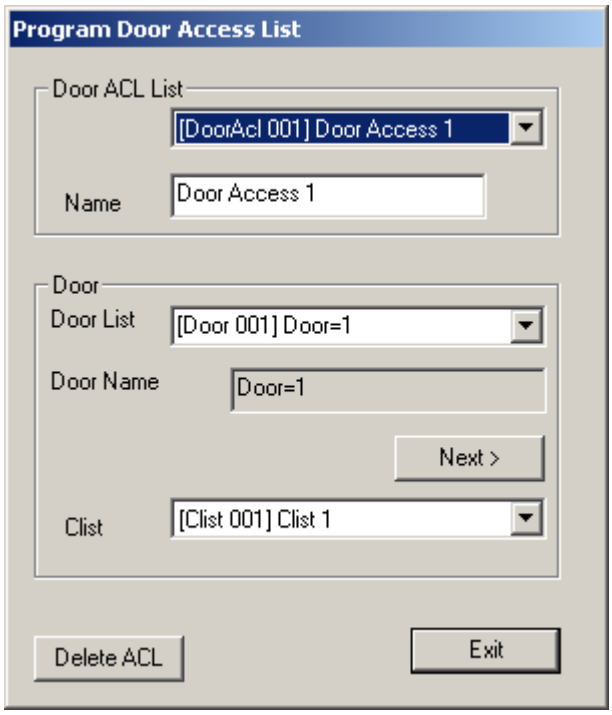
Delete ACL: This button will delete selected Area ACL.

Exit: Use this button to exit the dialog box. If changes have not been previously saved, they will be ignored.

Program Door Access List

Purpose: To program or change Door Access information.

Description: Each group is allocated to Door Access List. Each list includes a door and associated clock list. Each door access list then provides control to selected doors.



Door Access List: Drop down list, allowing selection of Door Access Lists.

Name: Name of the Door Access List.
(***Note: Name is not transmitted to Panel***).

Door List: Available areas drop down list.

Door Name: Name of selected door.

Back: When pressed the previous door is selected.

Next: When pressed the next available door is selected.

Clock List: Clock List assigned to selected Door. ***Please note: '[Clist 000] No Access`, removes access to this Door, in groups where Door Access List is allocated.***

Please note: The NEXT and BACK Buttons are automatically hidden, if previous or next area is not available. When the NEXT or BACK button is pressed, entered data are saved.

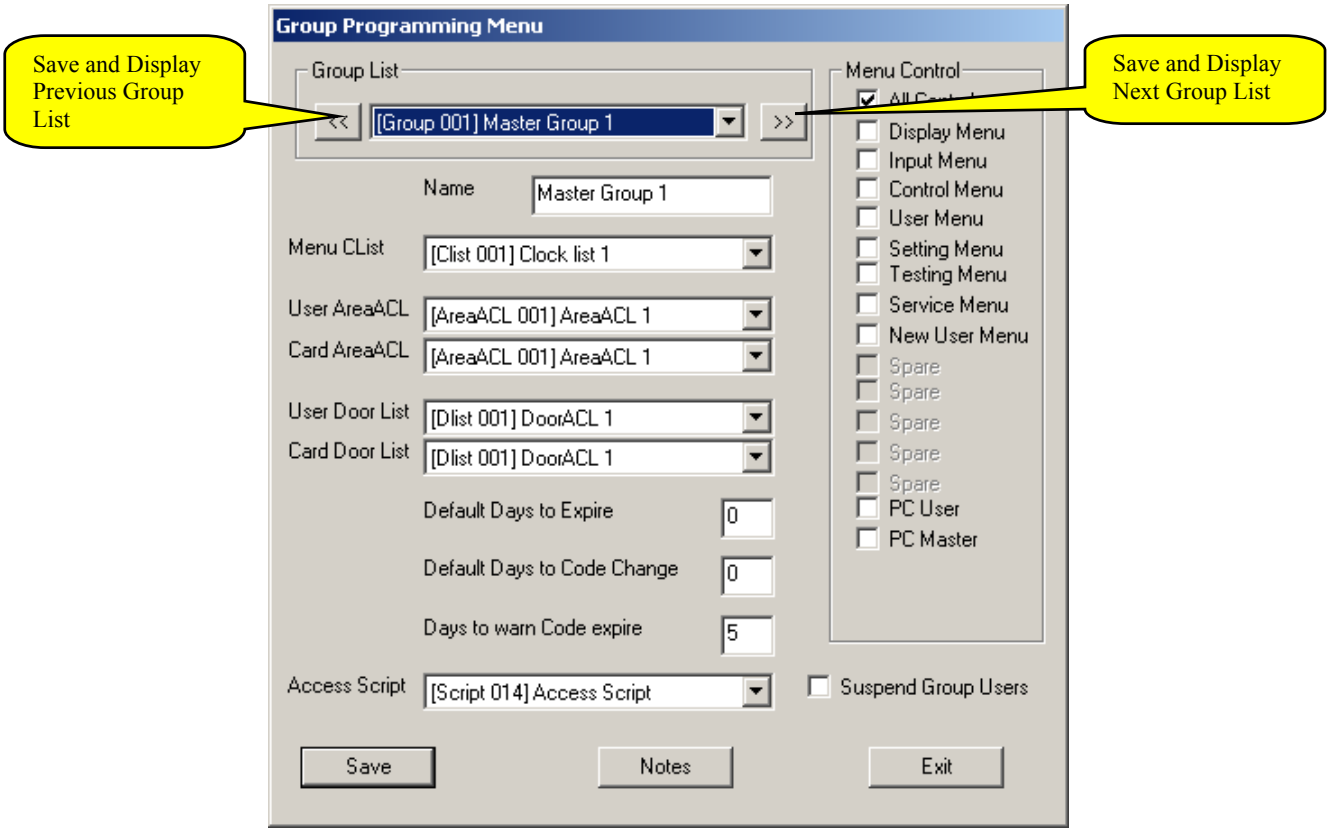
Delete ACL: This button will delete selected Door ACL.

Exit: Use this button to exit the dialog box. If changes have not been previously saved, they will be ignored.

Group Programming Menu

Purpose: Programs information required for this User Group.

Description: Group is assigned to a user. This menu provides vital information of what the user can do and when.



Group List: Drop down list, allowing selection of Group for programming purposes.

Name: Name of the group,

Menu Clist: Clock List that indicates clock control to Menu Access.

User Area List: List of Areas this PIN USER group is allowed to operate.

Card Area List: List of Areas this CARD USER group is allowed to operate.

User Door List: List of Doors this PIN USER group is allowed to operate.

Card Door List: List of Areas this CARD USER group is allowed to operate.

Default Days to Expire: Number of Days, how long the user is valid from the day of the code programming.

Default Days to Code Change:
When user changes its own PIN Code, this number of days is added into his/her records. From then on, code must be changed within the 'Default Days to code Change', otherwise will be suspended.

Days to warn Code Expire:
User will be advised in advance of this number of days, prior the code change date is reached.

Access script: Access Script, which will be activated on user valid entry

Menu Control: Selection, were various menu function is selected. The 'Menu Clist` additionally controls access to the RAS Menu.

All Control allows entry to all RAS Menu Function, independent of any other selection

Display Menu Allows entry to Display Menu
Area status
Event history
Output status

Input Menu Allows entry and control to Input.
Display unsealed Inputs
Display alarmed Inputs
Display isolated inputs
Display bypassed Inputs

Control Menu Isolate Input
Cancel Duress
Service Request

New User Menu
Insert user *(add new user, pin and allocates user to User Group)*
Change User (change existing user pin and allows changes to allocate user to different User Group)
Delete
Register New Card

User Menu Change Pin

Setting Menu
Change Holidays
Set Time and Date

Testing Menu
Test Output
Test Door
Test Dialler
Test Securitel

Service Menu
Bypass Input
LCD Contrast
Show Card
Unit On/Off
Dialler On/Off
Securitel On/Off
Modem On/Off

PC User Used with Front End software, allowing user for normal operation,
PC Master Used with Front End software, allowing operator to have access to all programming functions,

Please note: PC User and PC Master function are available only for software supplied by Genesis Electronics.

Suspend Group Users: When selected, all users allocated to this group will be suspended.

Save: When this button is pressed, all data displayed in the dialog box will be saved.

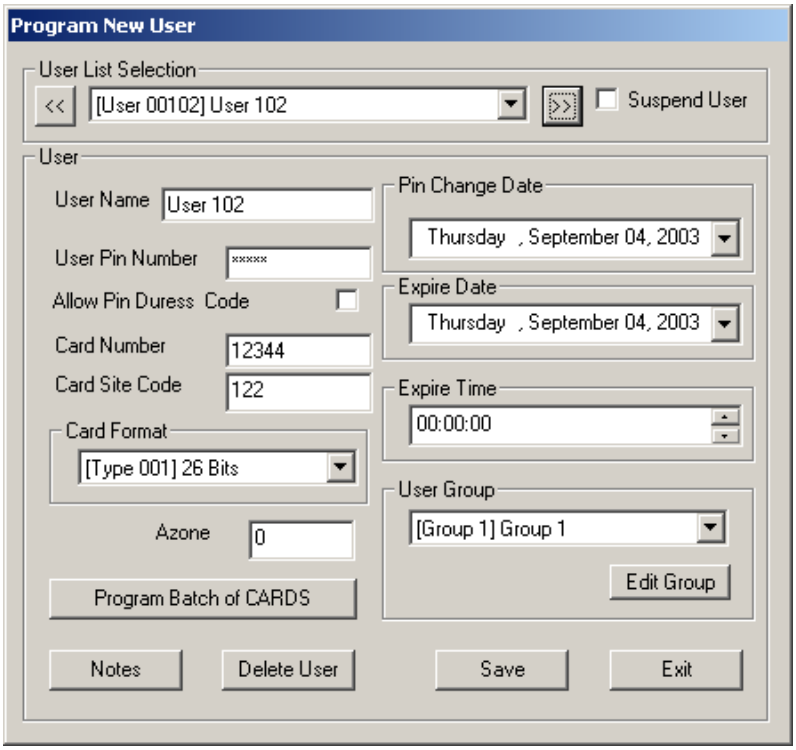
Notes: This button will display the 'Notes Window', where any additional notes can be entered for this device. Each device includes its own notes, and note file is saved in the Client Directory.

Exit: Use this button to exit the dialog box. If changes have not been previously saved, they will be ignored.

Program or Change User

Purpose: Programs or changes user information.

Description:



User List Selection: Drop down list, allowing selection of user for programming purposes.

Suspend User: When selected, this user is suspended.

User Name: Name of the user

User Pin number: User Pin number. Pin must be between 4 – 8 digit in length

Allow Duress: When selected, duress code for this user is enabled.
Last digit of the code incremented by one will generate duress.

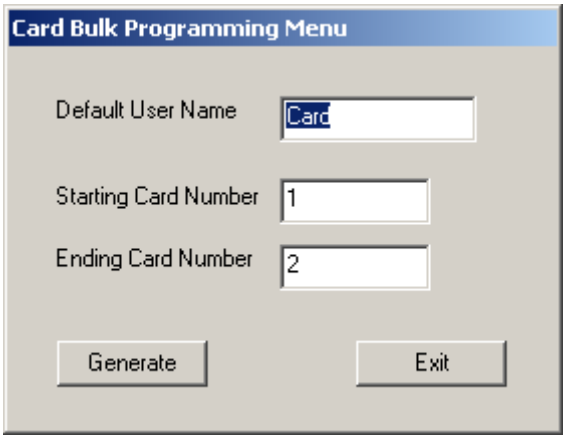
Card Number: Card number allocated to this user.

Site Code: Card Site Code. When Genesis format is used, the site code is not applicable.

Azone: Initial value entered for the Azone.

Program Batch of Cards: Allows programming of group of Cards.
Please note: This Button is visiable ONLY, when User above 101 is selected and includes Card number and Group function programmed.

When selected, the following Dialog box will be displayed:



Default User Name: Select default Name to be used for the user name. System adds the card number into the name field.

Starting Card Number: Enter the lowest Card number you wish to program.

Ending Card Number: Enter the highest Card number to be programmed

Generate: Press this button to generate the card database entry.

Exit: Use this button to exit the dialog box.

Please notes:
Site code, Card Format, Pin change Date, Expire date, Expire time and User Group are copied from the selected User database.
System will program number of selected cards and place them into the next available user location.
If User database is already programmed, this record will be scripted. Any card duplication to existing user will prompt Dialog box and the card programming will be ignored.

Format: Card Format Selection. Available formats are 26 bits and Genesis.

Next Day to Change Code:
Date, when this code must be change by. When code is changed, the new day of this function is taken from the Group 'Default Days to Code Change'.

Expire Date: Date when this code expires.

Expire Time: Time when the 'Expire Date' is activated and USER is suspended.

User Group: Group where this user is assigned.

Edit Group: Jumps into group programming menu. Firstly all data are saved.

Delete User: When this button is pressed all user data will be deleted.

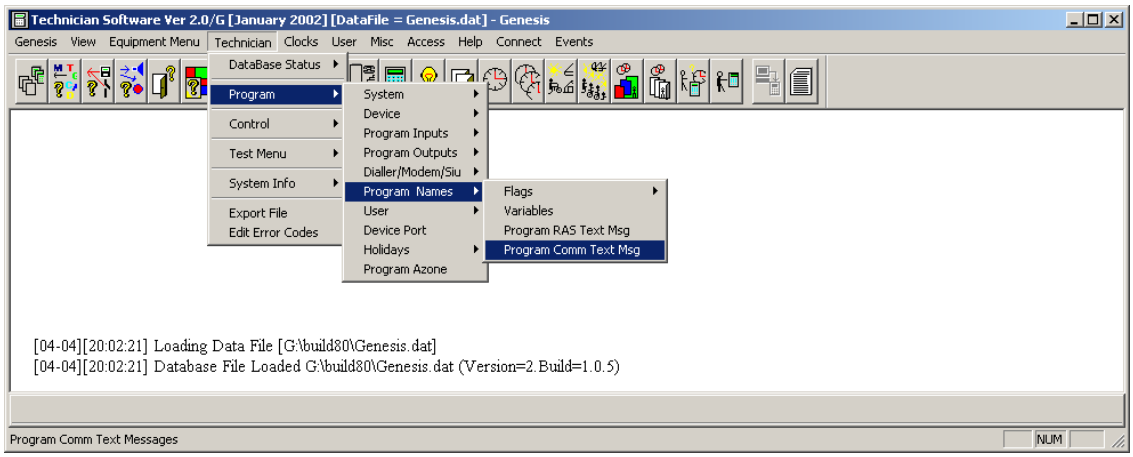
Save: When this button is pressed all data displayed in the dialog box will be saved.

Notes: This button will display the 'Notes Window', where any additional notes can be entered for this device. Each device includes its own notes and note file is saved in the Client Directory.

Exit: Use this button to exit the dialog box. If changes have not been previously saved they will be ignored.

Program Comm Messages

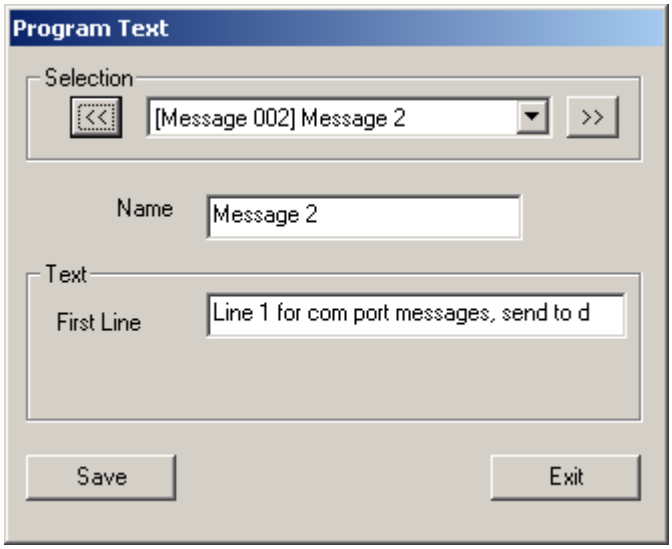
Genesis system allows programming total of 100 Text messages. Selection allows messages used to be displayed on RAS devices and /or send to RS232 located on external devices.



Program Comm Text messages:

Purpose: Programs Text message for TEXT Comm Port.

Description: See script manual, '**SEND COMM MESSAGE'**



Name: Local name of the Message

Selection: Selection list of available Text messages.

Text:

First Line: TEXT Message, allowing up to 39 characters to be selected.

Save: When this button is pressed all data displayed in the dialog box will be saved.

Exit: Use this button to exit the dialog box. If changes have not been previously saved they will be ignored.

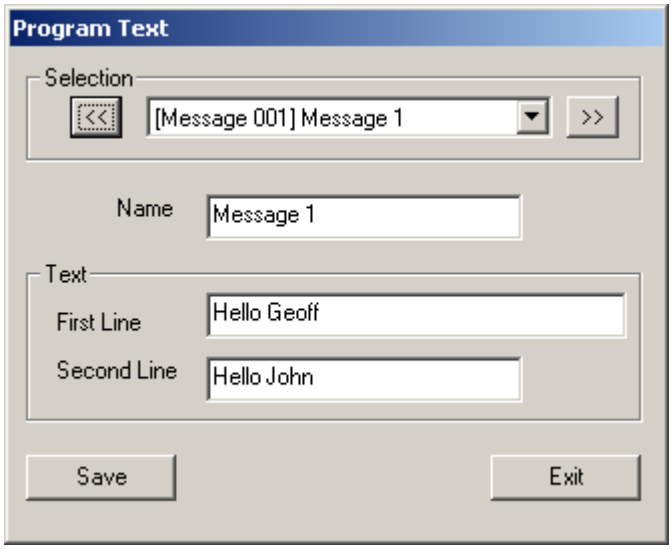
Please note: It is important, required Communication port is programmed for TEXT OUTPUT DEVICE prior its use. See Program Communication port.

Once a Text message has been programmed, is automatically marked to be used for RAS or TEXT Port and cannot be changed.

Program Ras Text messages:

Purpose: Programs Text message used to be displayed on RAS LED.

Description: See script manual for Script function, '**SEND RAS MESSAGE'**



Name: Local name of the Message

Selection: Selection list of available Text messages.

Text:

First Line: TEXT Message, allowing up to 15 characters to be selected.
Second Line: TEXT Message, allowing up to 15 characters to be selected.

Save: When this button is pressed all data displayed in the dialog box will be saved.

Exit: Use this button to exit the dialog box. If changes have not been previously saved they will be ignored.

Please note: Programmed Text on the First Line, will be displayed on Top Line of the RAS LCD display, while second line on the bottom LCD Display.
You can select to use First, Second or both lines of text. Empty text in any of the lines will automatically be ignored and will not effect or override existing display.

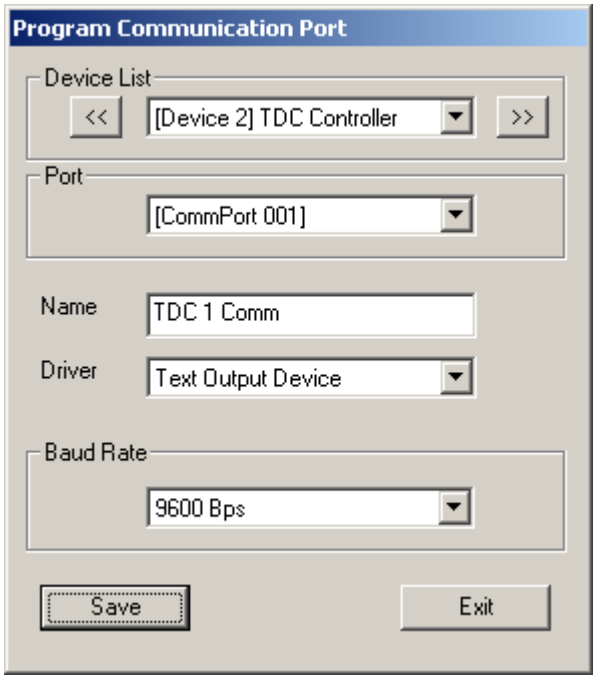
When a Message is send to RAS, pressing of the CLEAR KEY on the RAS removes the message and display returns to default screen.

Once a Text message has been programmed, is automatically marked to be used for RAS or TEXT Port and cannot be changed.

Program Communication Port:

Purpose: Programs external device Communication port for various functions.

Description:



Device List: List of available Devices. **Can be only TDC, EU or OC Device**.

Port: Port number of the device. TDC, EU and OC device has Comm port 1 only.

Name: Local name of the Port,

Driver: Drives for this port
Available drivers are:
PC Link – Used to communicate with Technician, Aladdin or Genie software
Terminal – Used by Genesis Staff ONLY,
Text Output Device, used to transmit Comm Text messages,

Baud Rate: Communication speed required for this Port.
Avaiable Baud Rates:
300 Baud
600 Baud
1200 Baud
2400 Baud
4800 Baud
9600 Baud, must be used when selected for PcLink operation
19200 Baud.

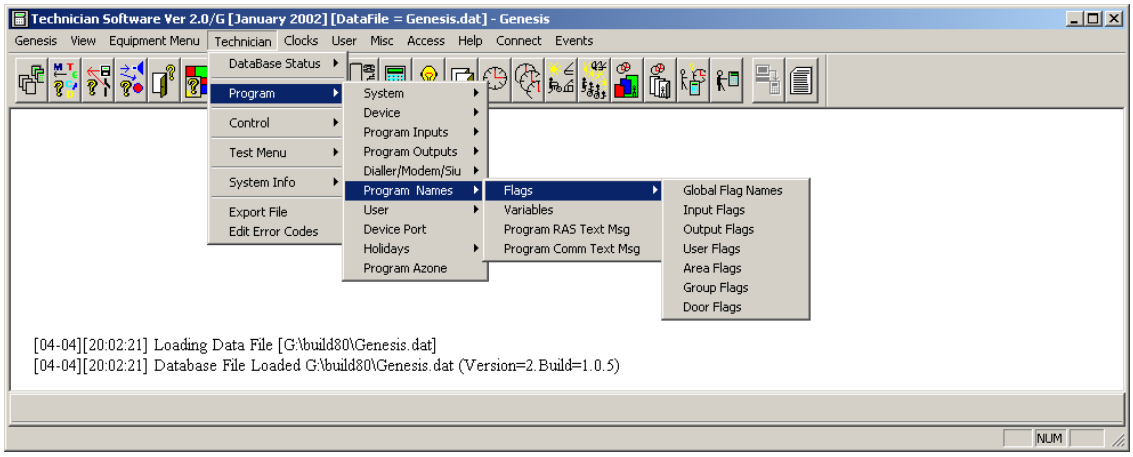
Save: When this button is pressed all data displayed in the dialog box will be saved.

Exit: Use this button to exit the dialog box. If changes have not been previously saved they will be ignored.

Note: Once external port on other device has been programmed to be use as PcLink operation, the Technician software cannot be used for Genesis Technician programming functions. Aladin or Genie User software can be used and connected to external ports, ensuring Port has been programmed for the PcLink operation.

Program Flag names:

Purpose: Programs Name to internal flags.
Description:



Program Global Flag names:

Purpose: Programs Names of global flags.
Description:

Global Flag: Drop List of available Global flags

Name: Name of selected Flag

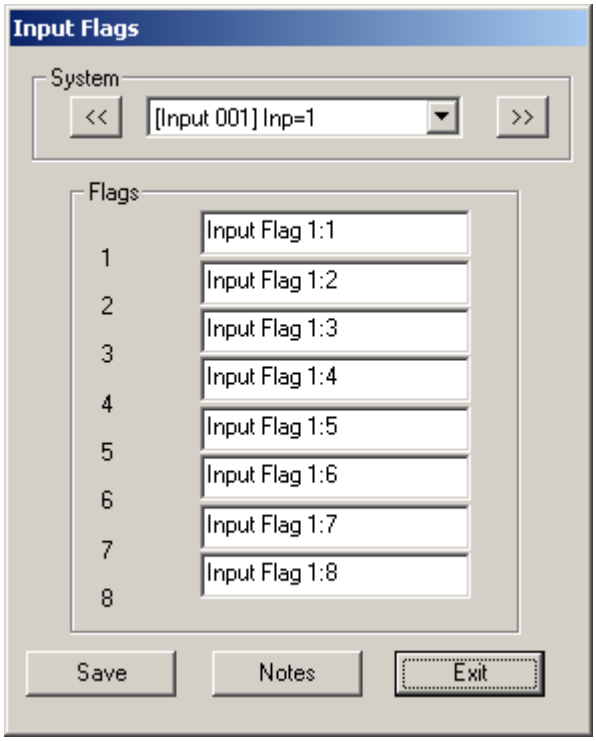
Save: When this button is pressed all data displayed in the dialog box will be saved.

Exit: Use this button to exit the dialog box. If changes have not been previously saved they will be ignored.

Program Input Flag names:

Purpose: Programs Names to input flags.

Description:



System: Drop List of available Inputs in the system

Flags Input flags 1 – 8
Name of individual Flag of selected Input

Save: When this button is pressed all data displayed in the dialog box will be saved.

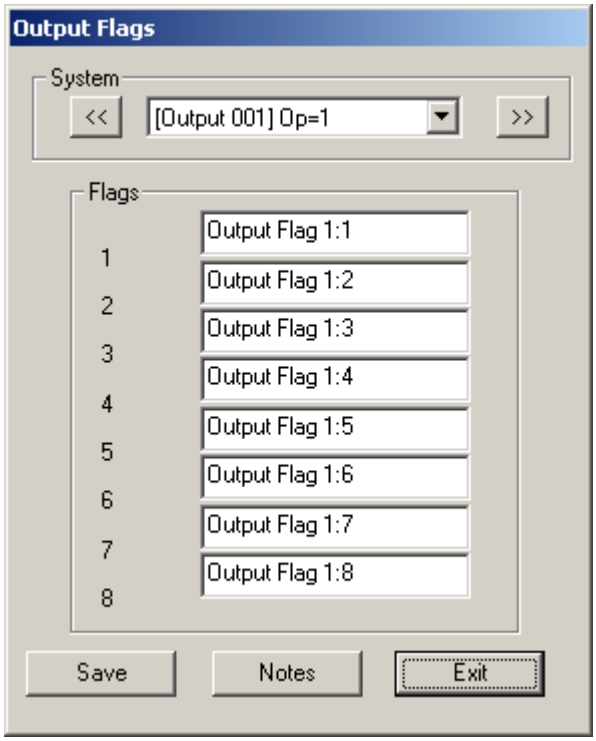
Notes: This button will display the 'Notes Window', where any additional notes can be entered for this device. Each device includes its own notes and note file is saved in the Client Directory.

Exit: Use this button to exit the dialog box. If changes have not been previously saved they will be ignored.

Program Output Flag names:

Purpose: Programs Names to output flags.

Description:



System: Drop List of available Outputs in the system

Flags Output flags 1 – 8
Name of individual Flag of selected Output

Save: When this button is pressed all data displayed in the dialog box will be saved.

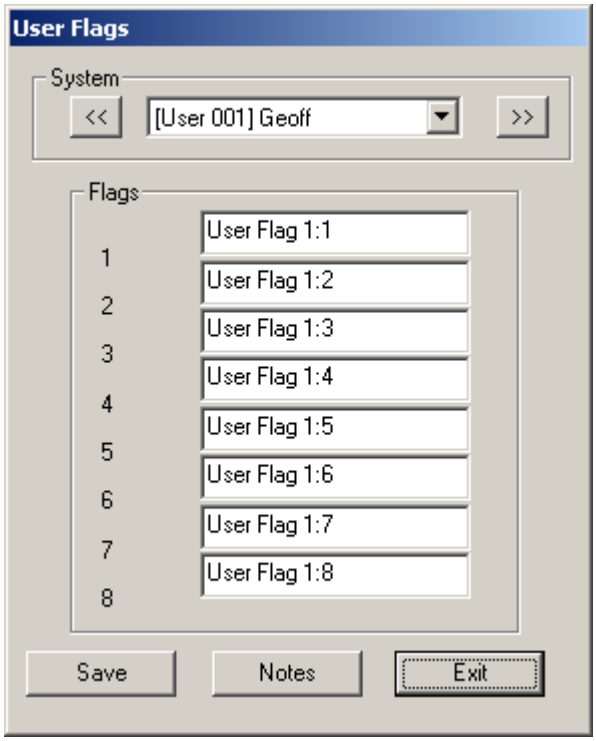
Notes: This button will display the 'Notes Window', where any additional notes can be entered for this device. Each device includes its own notes and note file is saved in the Client Directory.

Exit: Use this button to exit the dialog box. If changes have not been previously saved they will be ignored.

Program User Flag names:

Purpose: Programs Names to user flags.

Description:



System: Drop List of available Users in the system

Flags Output flags 1 – 8
Name of individual Flag of selected User

Save: When this button is pressed all data displayed in the dialog box will be saved.

Notes: This button will display the 'Notes Window', where any additional notes can be entered for this device. Each device includes its own notes and note file is saved in the Client Directory.

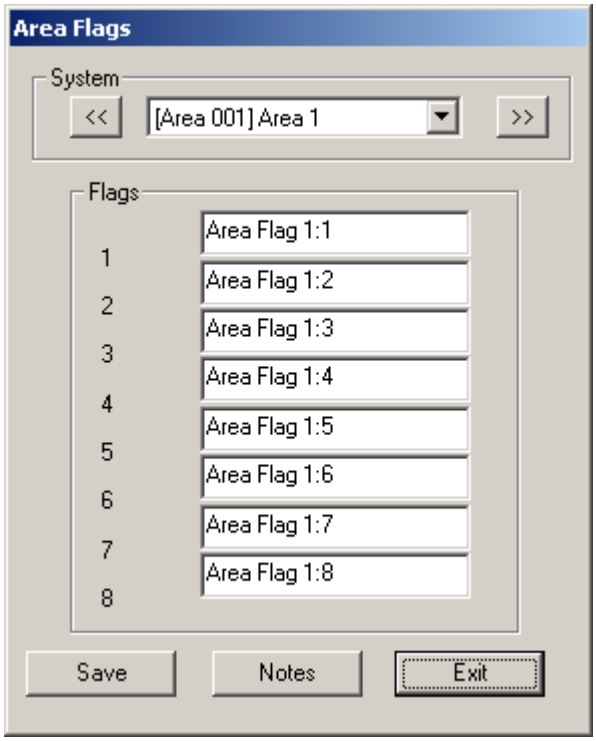
Exit: Use this button to exit the dialog box. If changes have not been previously saved they will be ignored.

Please note: Flag 9 is used as User Suspend function and name cannot be assigned to it.

Program Area Flag names:

Purpose: Programs Names to Area flags.

Description:



System: Drop List of available Areas in the system

Flags Output flags 1 – 8
Name of individual Flag of selected Arear

Save: When this button is pressed all data displayed in the dialog box will be saved.

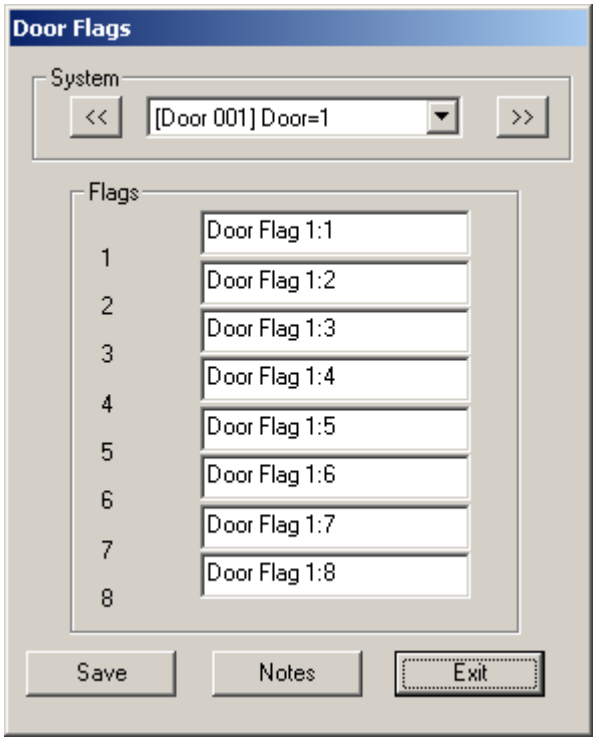
Notes: This button will display the 'Notes Window', where any additional notes can be entered for this device. Each device includes its own notes and note file is saved in the Client Directory.

Exit: Use this button to exit the dialog box. If changes have not been previously saved they will be ignored.

Program Door Flag names:

Purpose: Programs Names to Door flags.

Description:



System: Drop List of available Doors in the system

Flags Output flags 1 – 8
Name of individual Flag of selected Door

Save: When this button is pressed all data displayed in the dialog box will be saved.

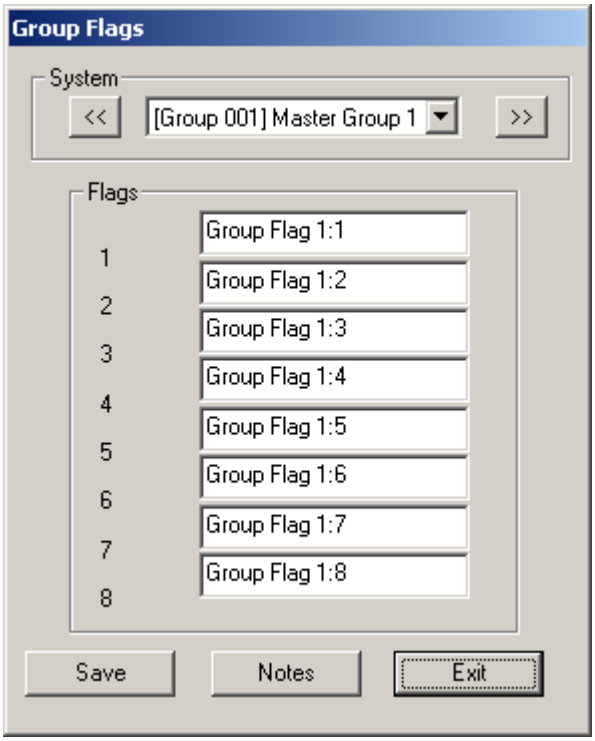
Notes: This button will display the 'Notes Window', where any additional notes can be entered for this device. Each device includes its own notes and note file is saved in the Client Directory.

Exit: Use this button to exit the dialog box. If changes have not been previously saved they will be ignored.

Program Group Flag names:

Purpose: Programs Names to Group flags.

Description:



System: Drop List of available Groups in the system

Flags Output flags 1 – 8
Name of individual Flag of selected Group

Save: When this button is pressed all data displayed in the dialog box will be saved.

Notes: This button will display the 'Notes Window', where any additional notes can be entered for this device. Each device includes its own notes and note file is saved in the Client Directory.

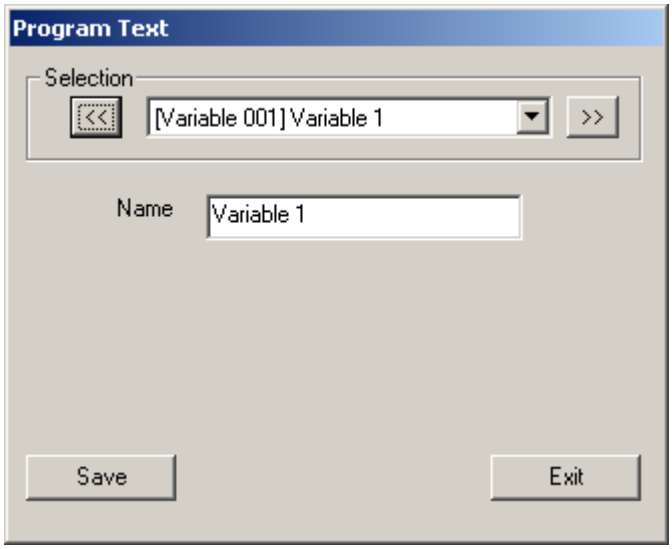
Exit: Use this button to exit the dialog box. If changes have not been previously saved they will be ignored.

Please note: Flag 9 is used as Group Suspend function, Flag 10 as Debug flag and Flag 11 as Swipe 3 debug flag. Names cannot be assigned to these flags.

Program Variable names:

Purpose: Programs Names to Variables.

Description:



Selection: Drop List of available Variables in the system

Name Name of selected Variable

Save: When this button is pressed all data displayed in the dialog box will be saved.

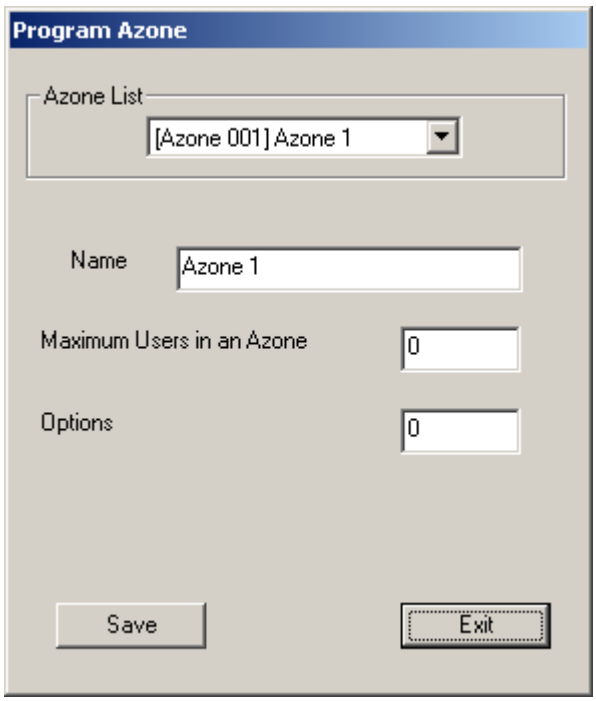
Exit: Use this button to exit the dialog box. If changes have not been previously saved they will be ignored.

They are 128 Variables in Genesis System. Each Variable can be set, cleared, incremented or decremented (see Script Manual). The value held by each variable is between 0 and 65535. If variable is set, or reaches, value of 65535 and then is incremented, it will revert to 0. While, when value is '0' and decrement command is issued, the new variable value will be 65535.

Program Azone function:

Purpose: Programs Azone function.

Description:



Azone List: Drop List of available Azones in the system

Name Name of selected Azone

Maximum Users in an Azone:
Program maximum Users (Card only) allowed entry in this Azone. Setting this value to '0', unlimited entry will be allowed.

Option: Avalable for Genesis Staff only, and should not be changed.

Save: When this button is pressed all data displayed in the dialog box will be saved.

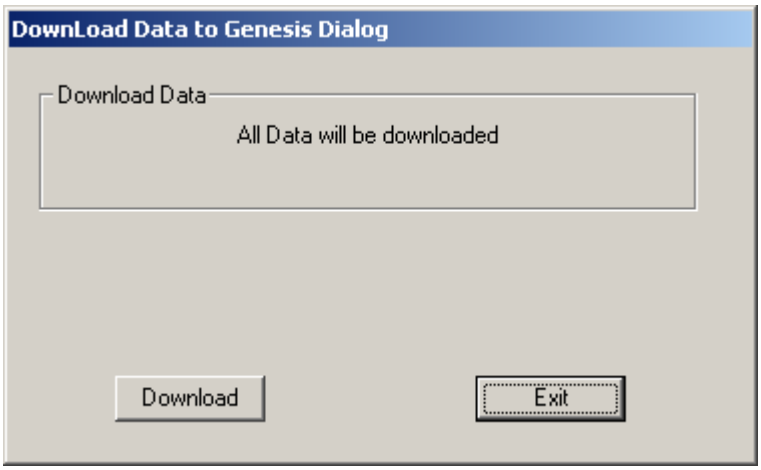
Exit: Use this button to exit the dialog box. If changes have not been previously saved they will be ignored.

Note: Azone is very powerfull ANTIPASS BACK functionality and must be used with caution. Be sure, you fully understand its functionality, before its usage.

Download Data to Genesis Panel

Purpose: Download all data to Genesis Panel.

Description:



Download: Press this button to start download data to Genesis Panel.
Please note: Genesis panel MUST be communicating with PC computer.

Exit: Exit this dialog box.

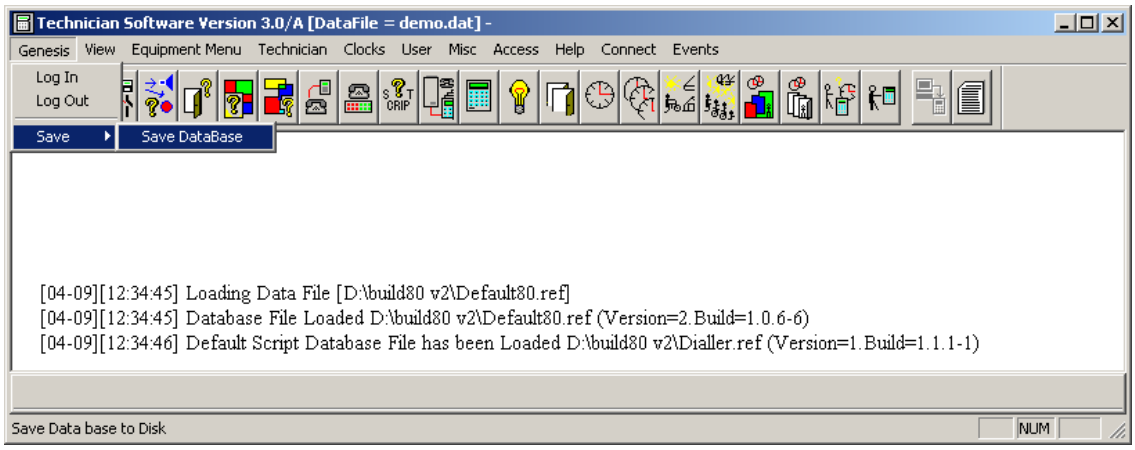
If download is in progress, we recommend that is not interrupted. Once dawnload is terminated system will not operate correctly, and new download must be regenerated.

While download is in progress, system suspends its communication with external devices, therefore all user and alarms functions will not operate, until download is completed.

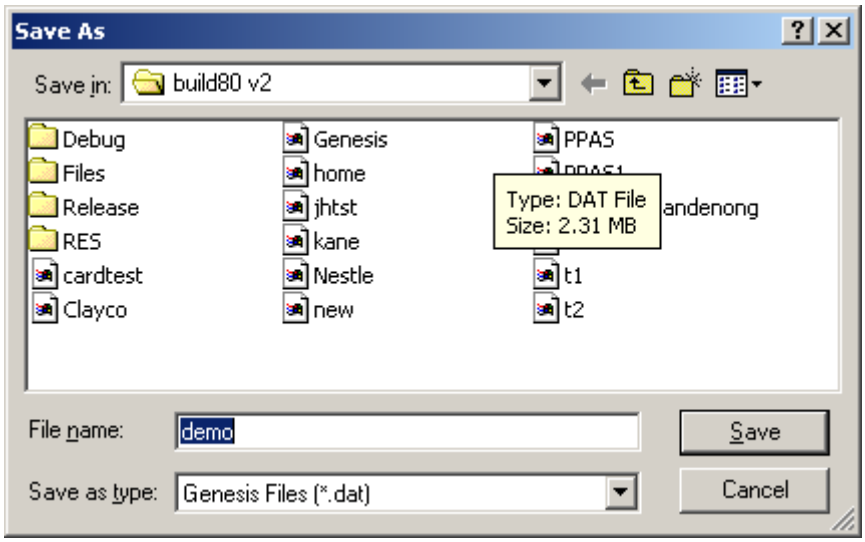
Save Database

Purpose: Save presently opened database to disk.

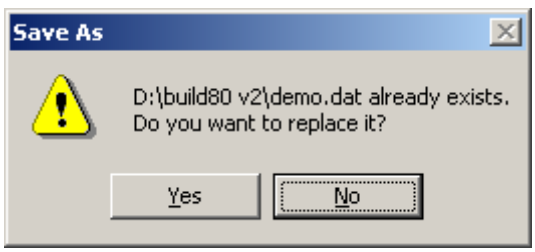
Description:



At this point, system allows selection of same or different database name.



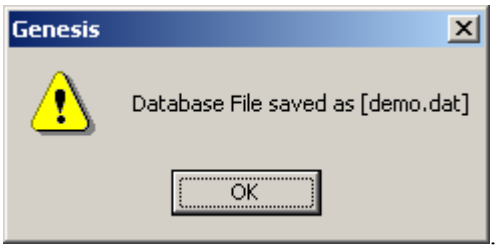
If same name is selected, system will prompt, asking if file should be replaced. If 'Yes' selected the file is saved under the same name and replacing existing database.



When new database file name is given, and after sucesfull save command, it will be the name of presently opened database.

Please note: Database is saved when Genesis software is terminated in the standard manner. If you do a lot of programming, the occasional save to disk is highly recommended.

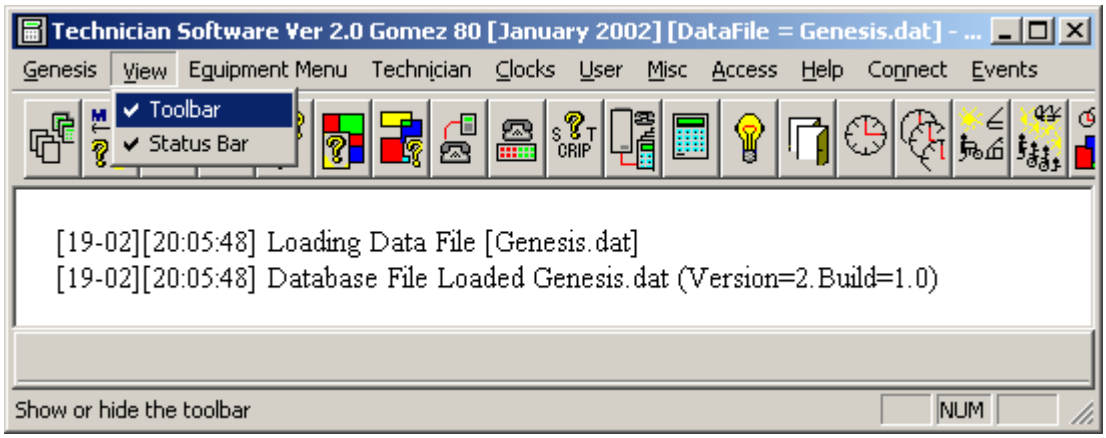
When database is saved, the information dialog box is displayed



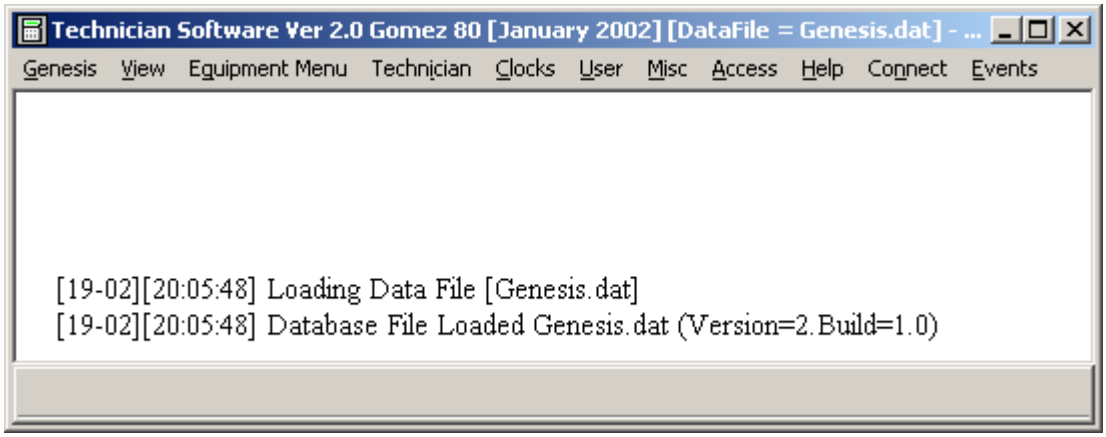
Toolbar and Status Bar

Purpose: Hides or displays the Toolbar and Status bar.

Description: Display the Toolbar and Status Bar

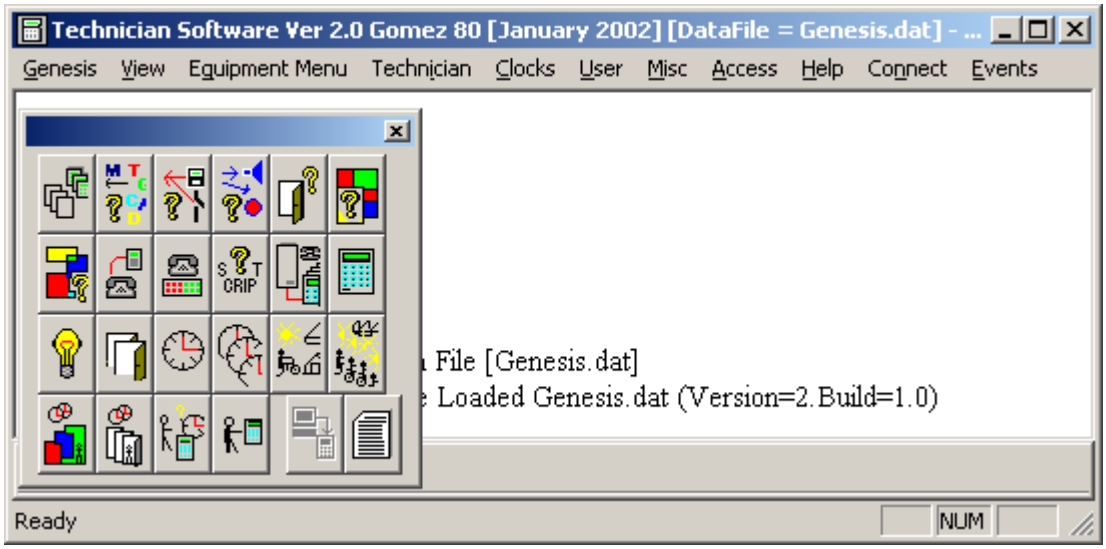


Display without Toolbar and Status Bar.

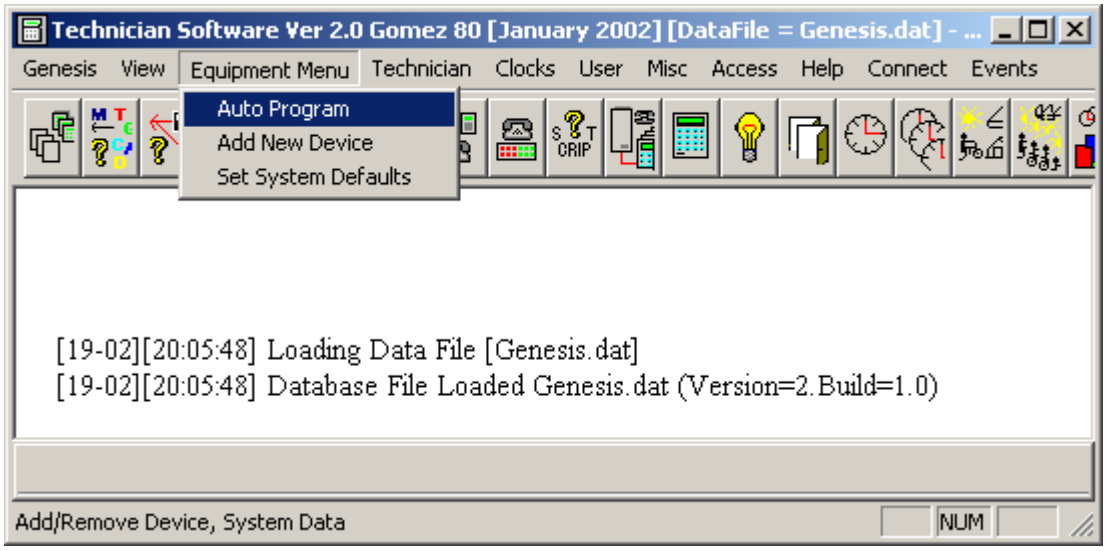


The Toolbar can be resized as standard Windows® standard function.

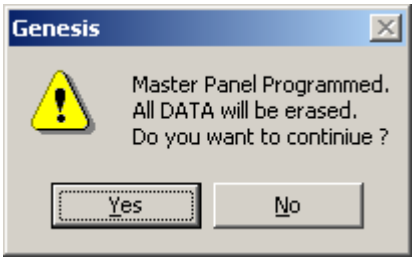
Sample



Auto Program



System can be programmed automatically. When this function is selected, the system may display a warning message to indicate that the Master panel is already programmed.

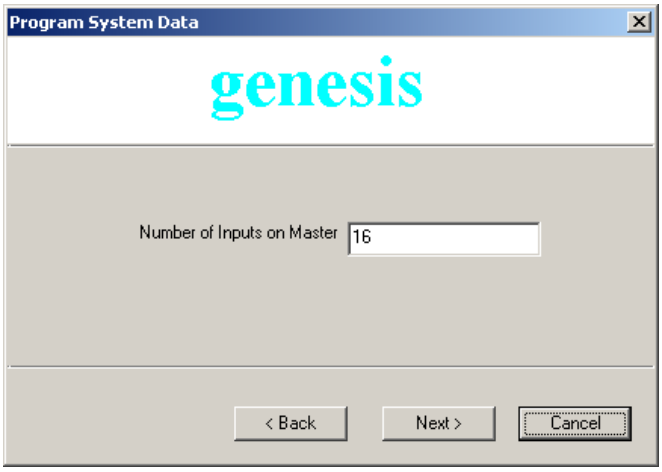


If '**Yes**' is selected, ***ALL PREVIOUSLY PROGRAMED DATA WILL BE ERASED***. '**No**' will exit this function.

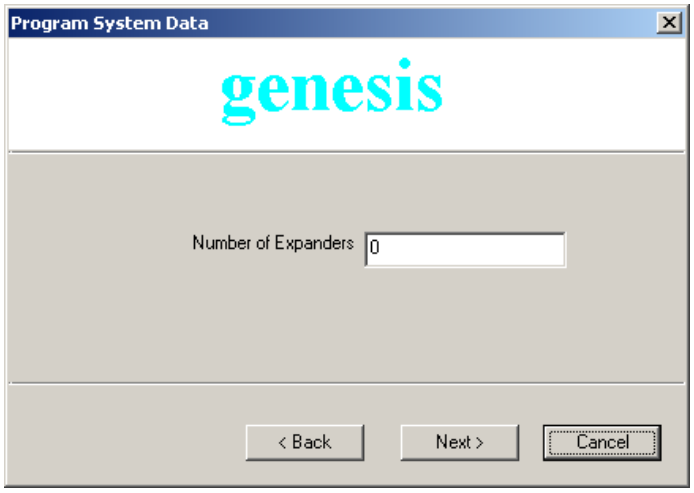
Throughout out the programming display, the following applies:

Next:	Next programming menu
Back:	Previous programming menu
Cancel	Exit programming function.

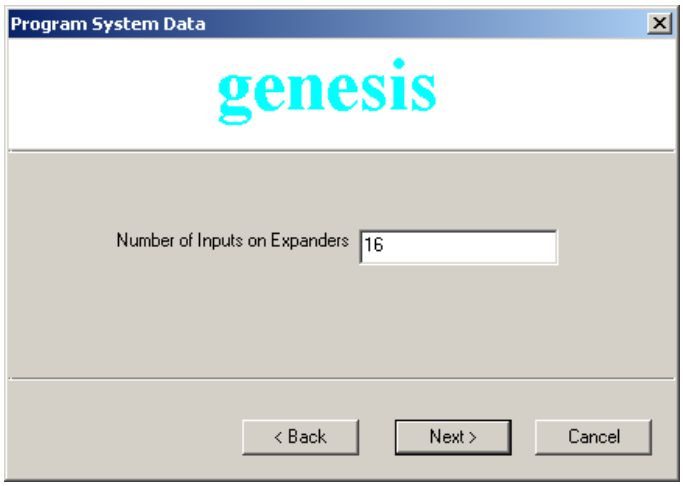
Number of inputs used on the Master panel. Maximum 32 inputs (I/O expander must be used) Can be selected.



Enter number of Expanders in the System:

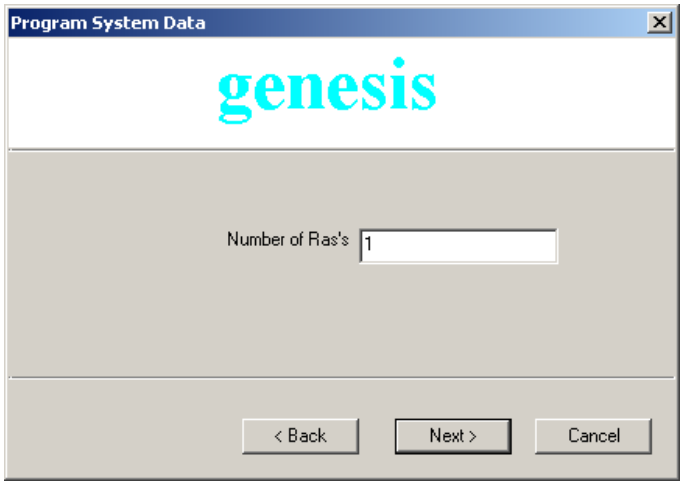


If some expander unit has been selected, the following screen will be displayed,

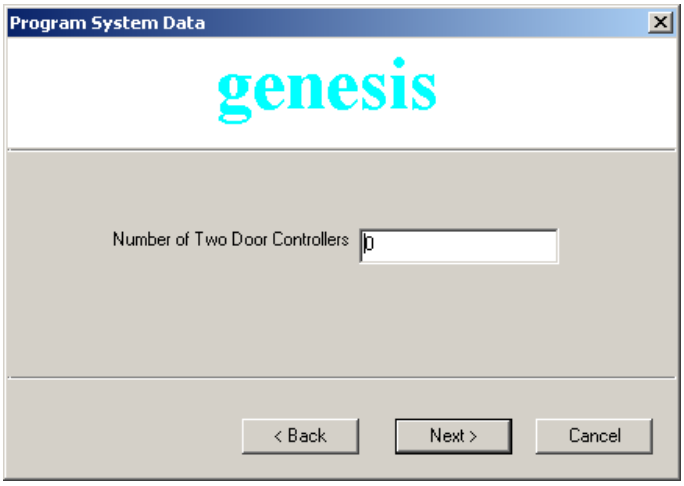


Number of inputs used on the expander unit. Maximum 32 inputs (I/O expander must be used) Can be selected.

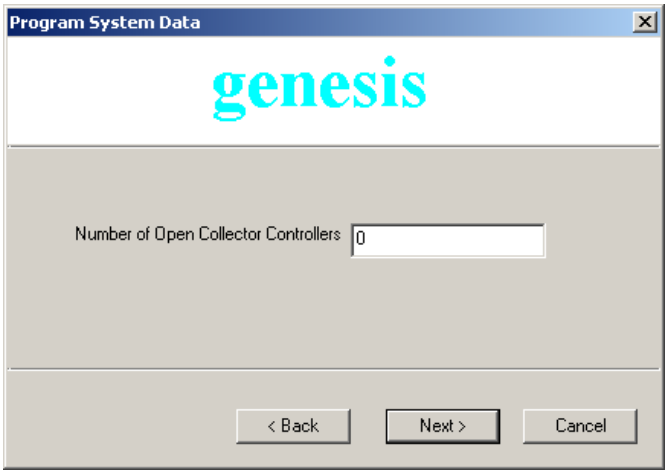
Enter number of RAS in the system:



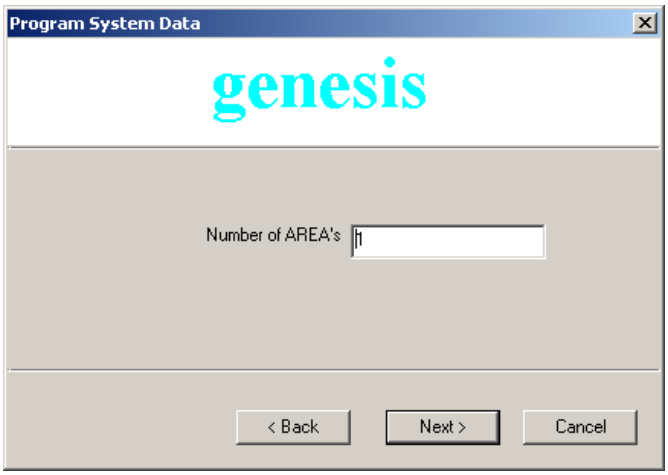
Number of TDCs in the system:



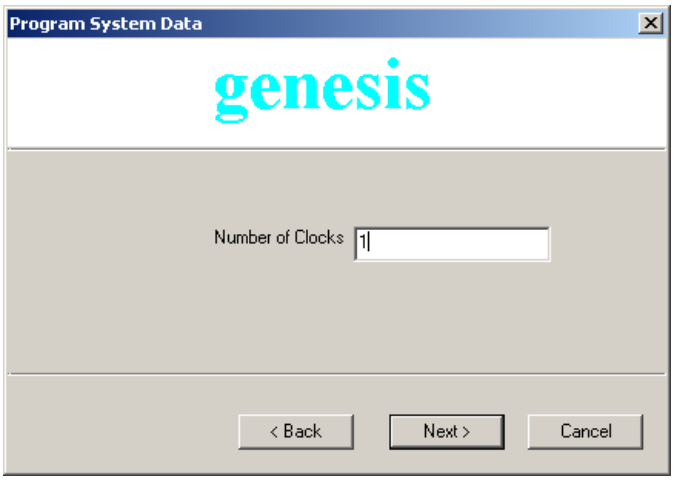
Number of OC's in the system:



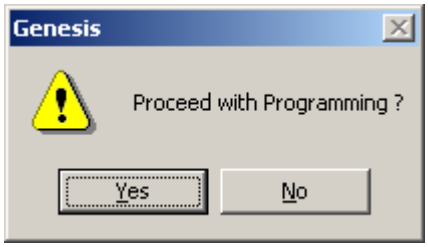
Number of Areas in the system:



Number of Clocks in the system:

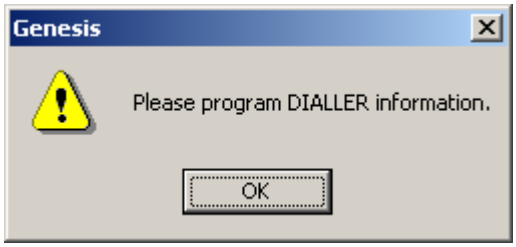


When all entries has been entered, system will confirm with its programming.

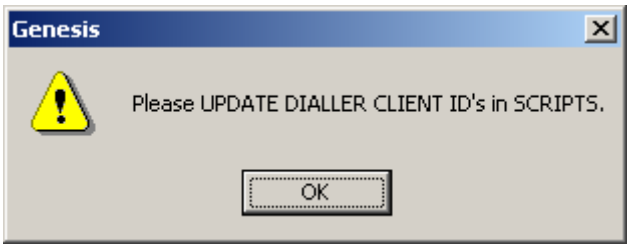


After 'Yes' confirmation, system will generate all data. After its completion, the system will automatically enter important areas require data entry.

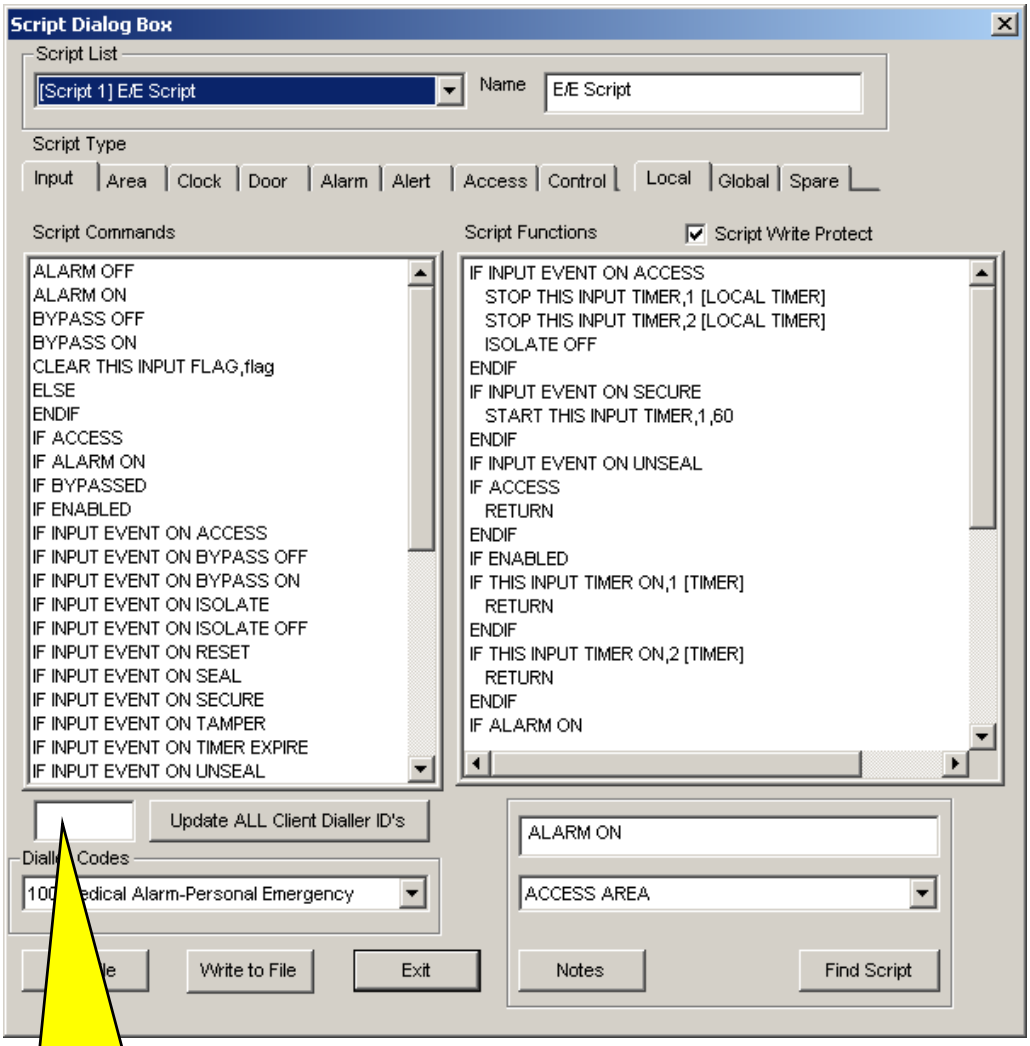
System Jumps into new device menu.



Enter the Dialler programming menu.



Script programming menu is displayed. At this point it is important to change Dialler client number:

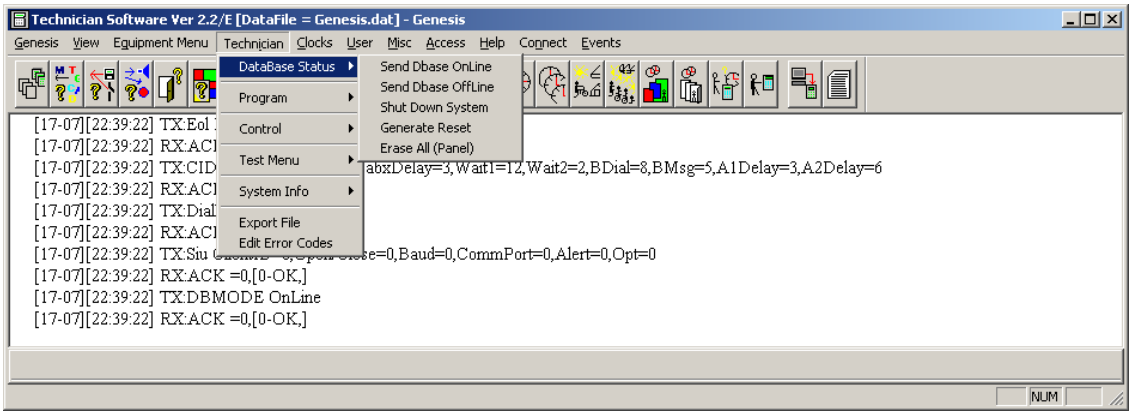


Enter Dialler Client ID followed by 'Update ALL Client Dialler ID's' button

Technician Database Status:

Send Dbase Online:

Send Dbase Offline:



Send Dbase Online: This function sets database to on-line mode (normal operation).

Send Dbase Offline: This function sets database to off-line mode. In this mode system stops polling all external devices and is ready to update database. Normally this command is required to enter dbase off-line, which allows erasing total database in the Genesis panel. When download is selected, this fnction is automatically generated and when database has been downloaded, the database on-line command is issued.

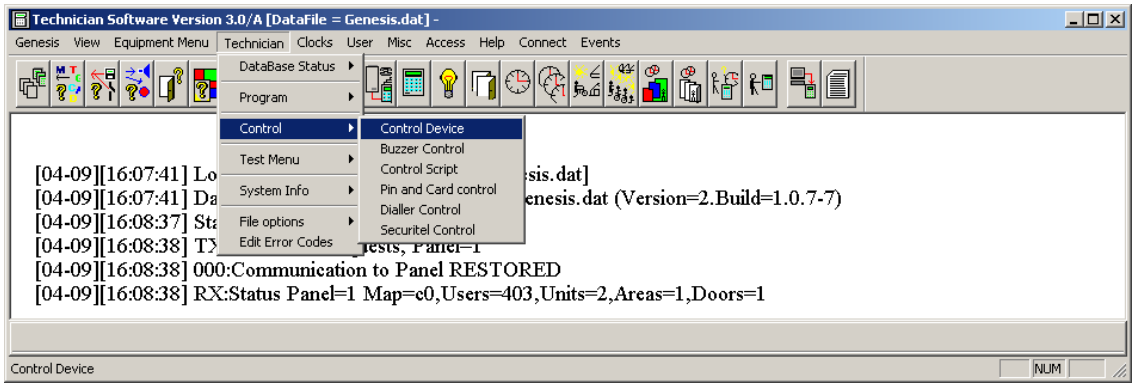
Shut Down System: This is a provision for future development.

Generate Reset: ***This is a provision for future development and is presently not used***.

Erase All (Panel): This command deletes all data in the Genesis panel. This function can be used **ONLY** after the Database has been selected into off-line mode only.

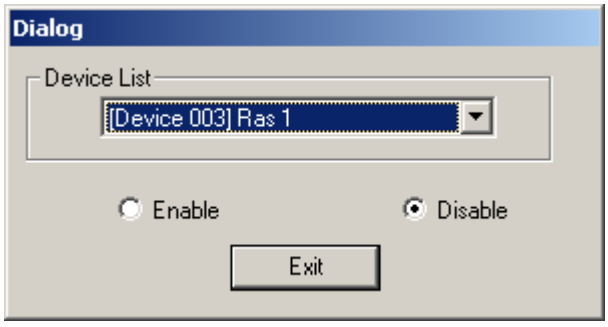
Technician Control:

Control Device:



Control Device:

Each device, exept ***MASTER UNIT***, can be temporary selected into Disable Status. When device is set to Disable status, it is stoped to be polled by the Master, but will not be recognized as OFF-LINE. To return device to normal status, select 'Enable' command.

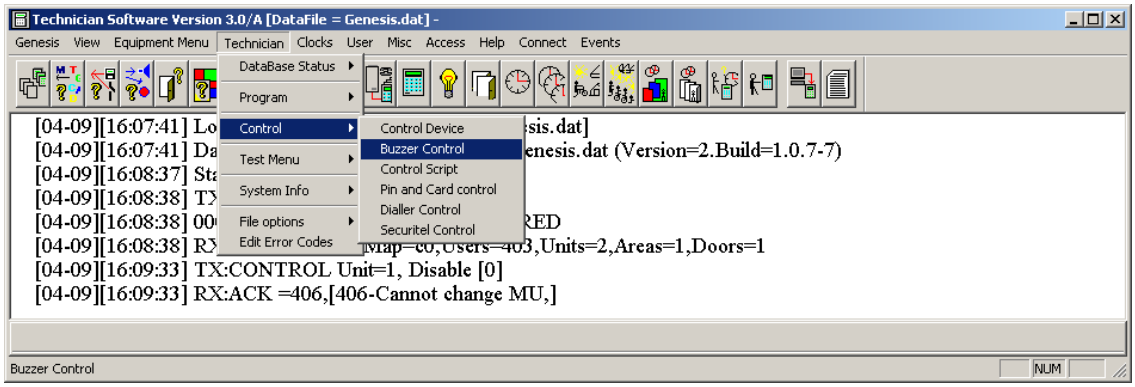


Note:

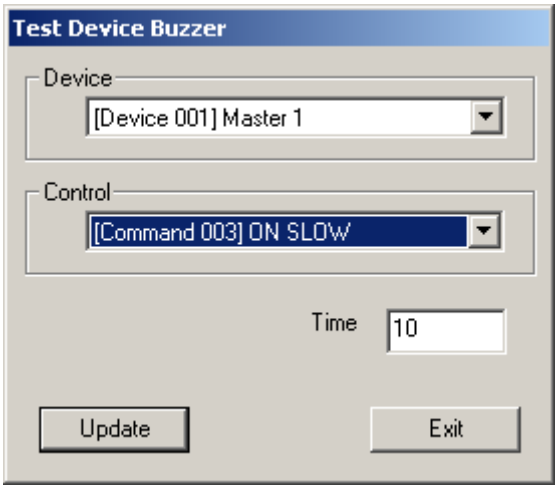
You cannot disable Master Device. Attemp to Disable Master, an error will be generated.

Technician Control:

Buzzer Control:



Buzzer Control:

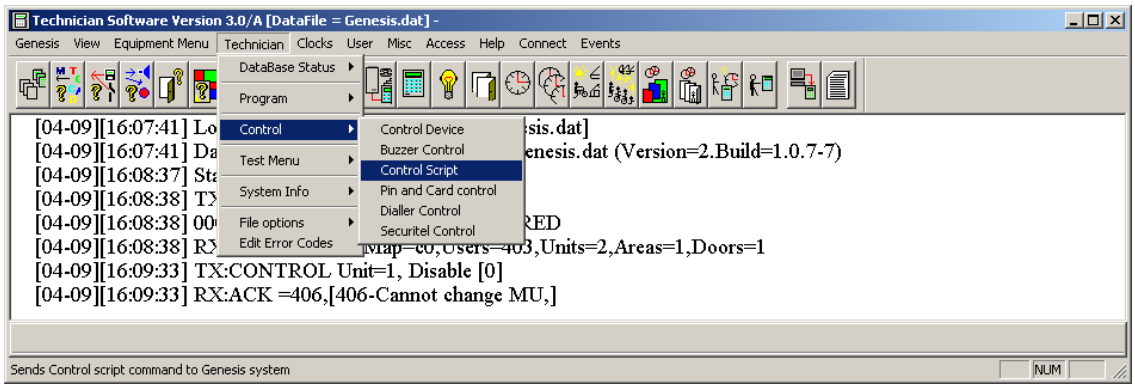


Each Device Buzzer can be controlled via this Dialog box. It can be turned Off, turned ON, activated for Slow and Fast status. Each Buzzer command can be selected to be active for duration of a time between 1 and 255 seconds. When Time is set to '0', Buzzer is set to selected control, and remainds in this status, until new valid command is issued (via control or script command).

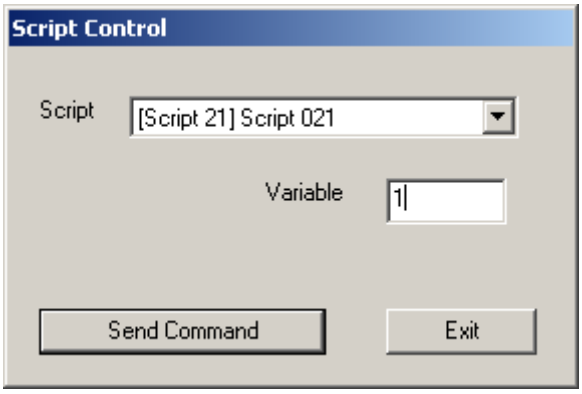
When correct device, control and Time is selected, the UPDATE button will send the control command to Genesis Panel.

Technician Control:

Control Script:



System allows test of control scripts. Selected control script (system allows selection from control script only), the passing value can be entered.
The SEND COMMAND will transmit this command to Genesis and its Script function will be activated.



In the above dialog box, the Script 21 is used and Variable value of 1 will be send to Genesis.

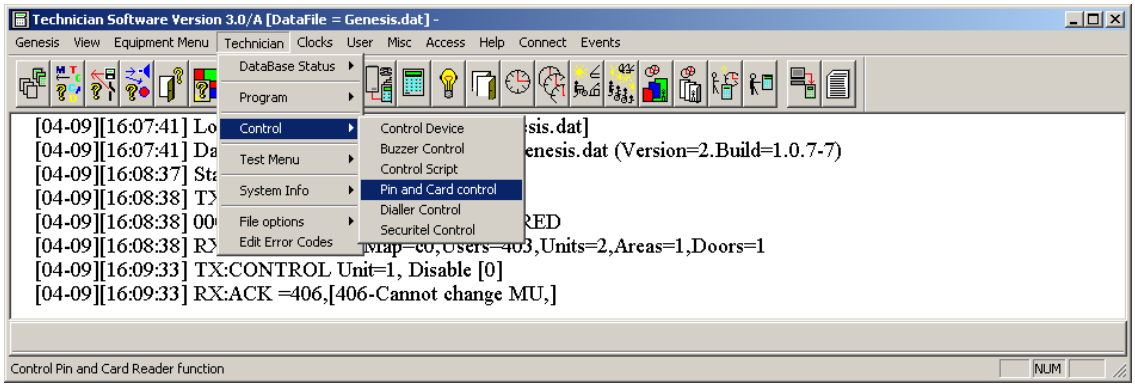
If Script 21 includes the following:

```
IF CONTROL VALUE EQUAL,1
        ACCESS AREA,1 [AREA 1]
ENDIF
```

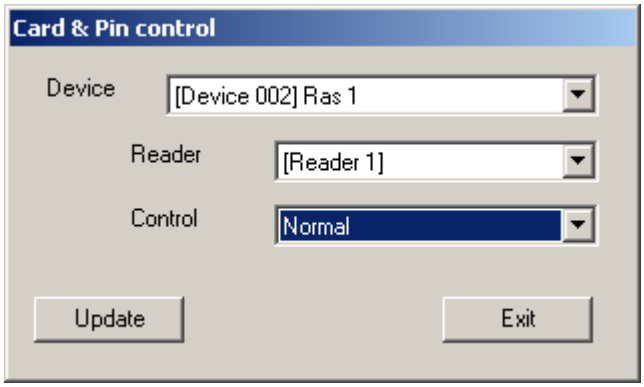
When SEND COMMAND is activated, the Area 1 will be set to Access mode. Please see Script Manual for more information.

Technician Control:

Pin and Card Control:



Pin and Card Control:



This function allows individual READER on the RAS devices to be selected in a ***CARD and PIN entry Mode.***
When this function is activated (***Card & Pin***), valid Card entry at the proximity reader, must be followed by its User pin number on associated RAS device. While selecting the 'Normal' control, the Ras function is returned to normal operation.

Please note: This option is used for DOOR ACCESS function and with USER above 101 ONLY. Please see the 'Ras CARDPIN,unit,reader,action' in the Script Manual.

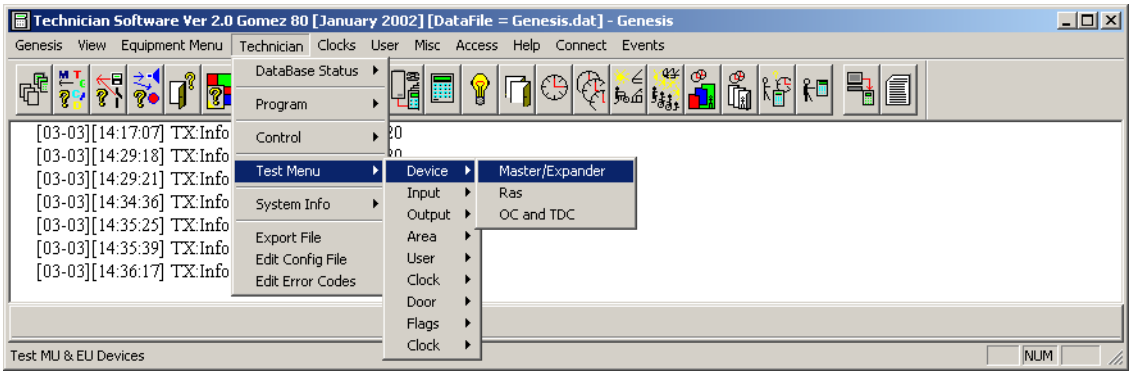
Technician Test Menu:

Device:

Master/Expander

RAS

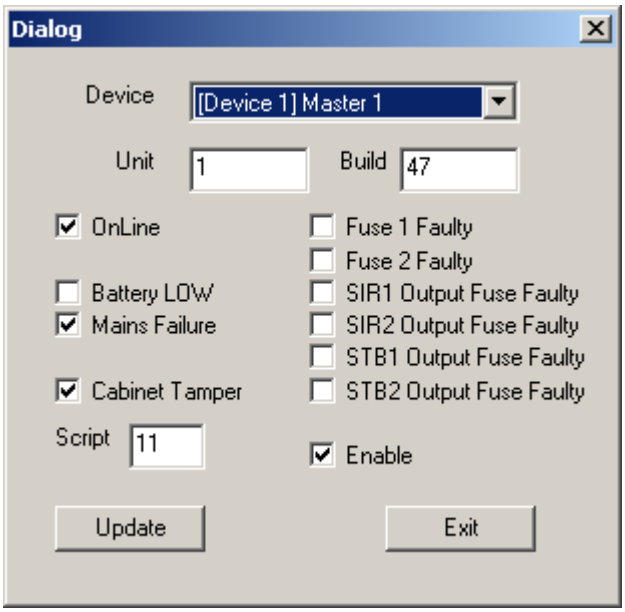
OC and TDC



Device Test (MU & EU)

Purpose: Allows technician to display status of the device.

Description: Helps technician to view status of individual devices.



Device List List of available MU and EU's in the system.

Unit: Unit number assigned to this device.
Build: Software version installed on this device.

Online: Status of the device. If device Note: Master device is always On-line.
Battery LOW: Selected when system has Battery Low alarm active.
Mains Failure: Selected when system has Mains Failure alarm active
Cabinet Tamper: If selected this indicates that the Cabinet Tamper is active
Script: Indicates Alarm Script allocated to this device

Fuse 1 Fault: Active when Power Fuse 1 (F1) is faulty.
Fuse 2 Fault: Active when Power Fuse 2 (F2) is faulty.
SIR 1 Output Fuse Faulty:
Active when SIREN 1 Fuse is faulty.
SIR 2 Output Fuse Faulty:
Active when SIREN 2 Fuse is faulty.
STB 1 Output Fuse Faulty:
Active when STROBE 1 Fuse is faulty.
STB 2 Output Fuse Faulty:
Active when STROBE 2 Fuse is faulty.

Enable: Active when device is enabled.

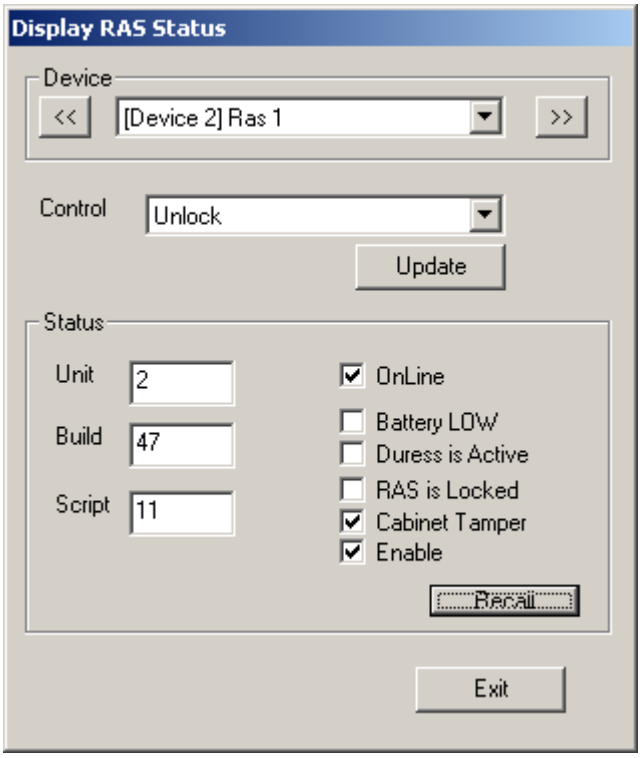
Update: When this button is pressed, information will be requested from the Genesis panel.

Exit: Exits, terminate this menu,

Device Test (RAS)

Purpose: Allows technician to display status of the device.

Description: Helps technician to view status of individual devices.



Device List List of available RAS's in the system.

Control: List of available commands.
Available commands are:
Unlock ***Unlock RAS***
Lock ***Lock RAS***

Update: Sends control command to Genesis.

Unit: Unit number assigned to this device.
Build: Software version installed on this device.
Script: Indicate Alarm Script allocated to this device.

OnLine: Status of the device.
Battery LOW: Selected when system has Battery Low alarm active.
Duress is Active: Active when duress code has been activated from this device. Duress must be reset from user menu, to clear this status.
RAS is locked: Selected indicating this RAS is locked and cannot be used.
Cabinet Tamper: If selected, indicates cabinet Tamper is active,
Enable: Active, when device is enabled.

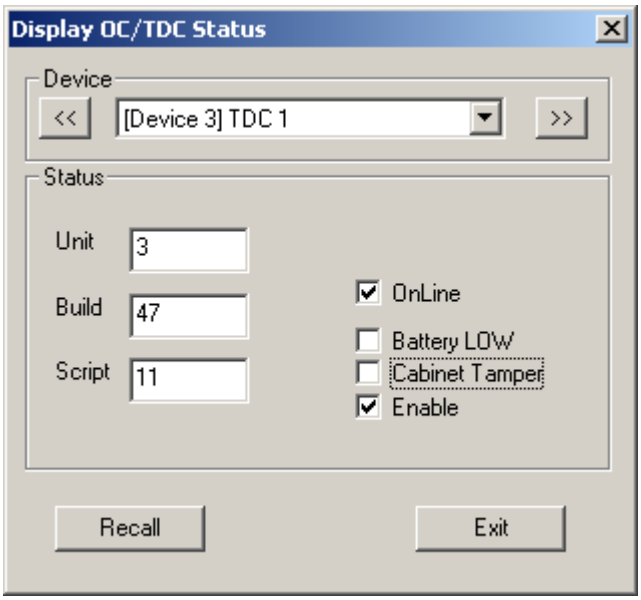
Recall: Recalls information for this device from Genesis panel,

Exit: Terminates this menu.

Device Test (OC & TDC)

Purpose: Allows technician to display status of the device.

Description: Helps technician to view status of individual devices.



Device List: List of available OC' & TDC's in the system.

Unit: Unit number assigned to this device.
Build: Software version installed on this device.
Script: Indicate Alarm Script allocated to this device.

OnLine: Status of the device.
Battery LOW: Selected when system has Battery Low alarm active.
Cabinet Tamper: If selected, indicates cabinet Tamper is active.
Enable: Active, when Device is Enable.
Recall: Recalls information for this device from Genesis panel.

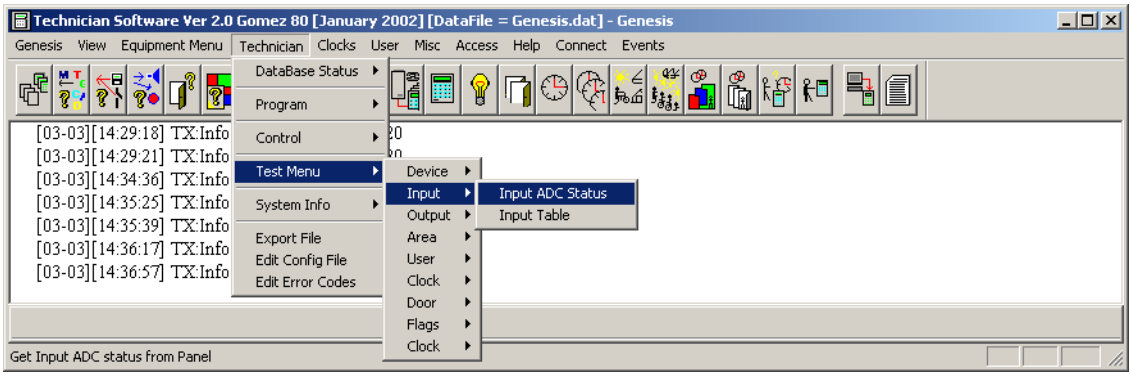
Exit: Terminates this menu.

Technician Test Menu:

Input:

Input ADC Status

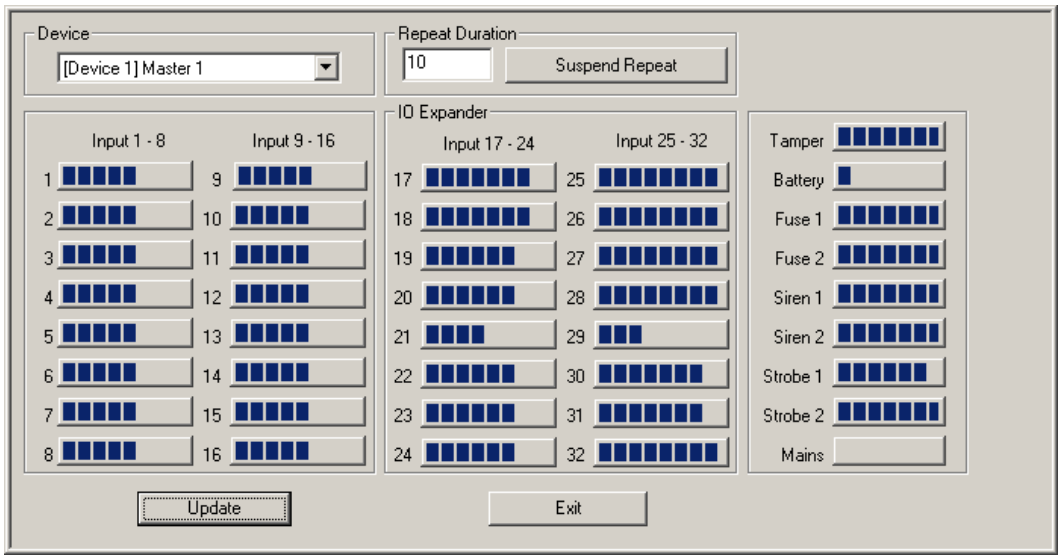
Input Table



Input ADC Status:

Purpose: Allows technician to display status of the inputs.

Description: Helps technician to view status of individual devices.



Device: List of available devices in the system.

Repeat Duration: Update will be automatically generated on number of seconds as specified in this window. Update must be selected at first time, from then on the automatic sequence will be generated,

Suspend Repeat: When pressed, repeat is suspended,

Input 1-8: First 8 inputs located on the device (see note next page),

Input 9-16: Second 8 inputs of the device (MU & EU Only),

Input 17-24: First 8 inputs of the I/O Expander (if fitted) only,

Input 25-32: Second 8 inputs of the I/O Expander (if fitted) only,

Displays Analogue value of the input. Normally when Genesis EOL values are used, the bars will be steady in middle of the display, when sealed.
No display indicates presents of a short while full bar represents open circuit.

The following information is applicable for Master (MU) and Expander (EU) units only.

Tamper: Status of the tamper input.

Battery: Analogue value of the battery voltage.

Fuse 1: Status Fuse 1 (indicates Fuse OK).

Fuse 2: Status of Fuse 2 (indicates Fuse OK).

Siren 1: Siren 1 status (indicates Fuse OK).

Siren 2: Siren 2 status (indicates Fuse OK).

Strobe 1: Strobe 1 status (indicates Fuse OK).

Strobe 1: Strobe 2 status (indicates Fuse OK).

Please note: Incorrect values of the outputs are displayed while the output is active.

Mains: Mains status.

Update: Recalls information for this device from Genesis panel.

Exit: Terminates this menu

Explanation of Input ADC Status for various devices:

Please note: This funtion is available ONLY on Genesis software Version 2, Build 80 or higher.

RAS

Input 1 = Exit door input
Input 2 = Door Input
Input 3 = Tamper switch
Input 4 = Battery Level
Input 5 = Not used
Input 6 = Not used
Input 7 = Not used
Input 8 = Not used

TDC

Input 1 =
Input 2 =
Input 3 =
Input 4 =
Input 5 =
Input 6 =
Input 7=
Input 8 =

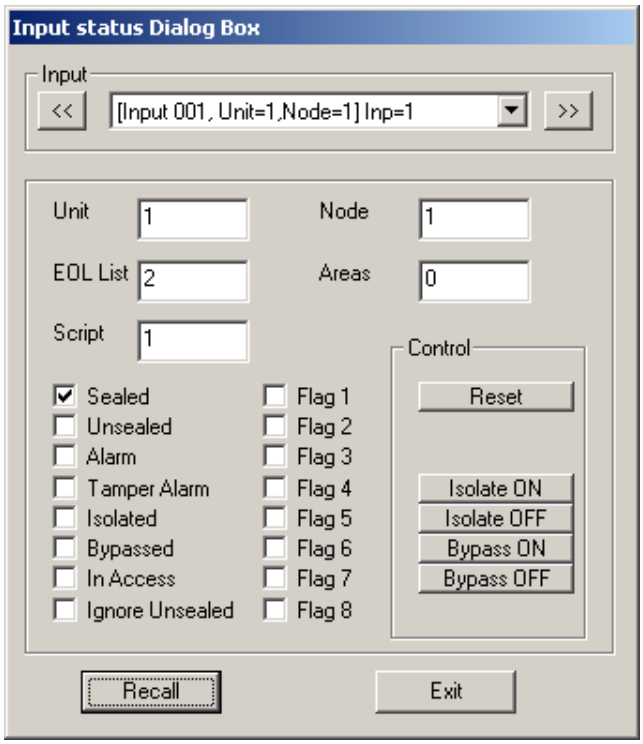
OC

Input 1 =
Input 2 =
Input 3 =
Input 4 =
Input 5 =
Input 6 =
Input 7=
Input 8 =

InputTable Menu:

Purpose: Allows technician to display status of the inputs.

Description: Helps technician to view status of individual devices.



Input: List of available inputs in the system.

Unit: Device where this input is assigned.
Node: Node of the Device where this input is assigned.
EOL List: EOL assigned to this input.
Areas: Number of Areas in Access where this input is programmed.
Script: Script number allocated to this input.

Sealed, Unsealed, Alarm, Tamper Alarm, Isolated, Bypassed, In Access
Present Status of this Input
Ignore Unsealed Status of the Ignore Unsealed Flag
Flag 1 – 8: Status of the 8 Input Flags

Control:

Reset
Isolate ON
Isolate OFF
Bypass ON
Bypass OFF
Control commands, used by the Technician to test the system. By pressing the button, system sends the requested command to Genesis. Use Recall button to update the present status.

Recall: Recalls information for this input,

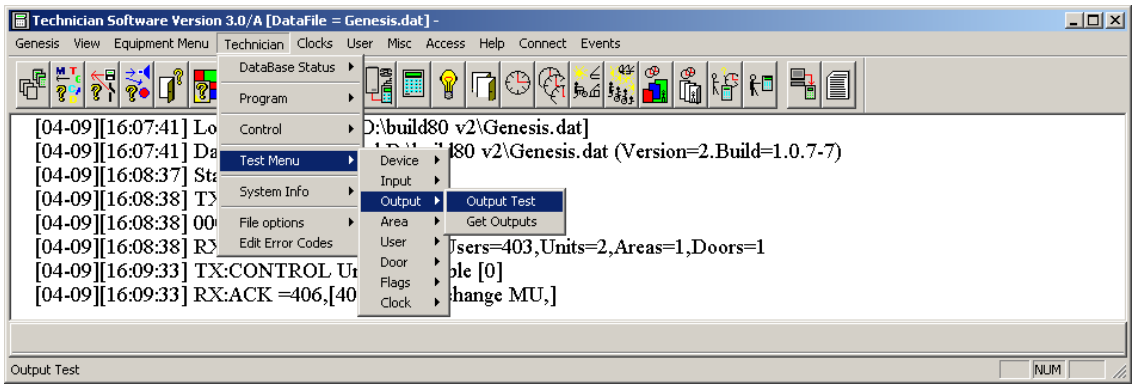
Exit: Terminate this menu,

Technician Test Menu:

Output:

Output Test

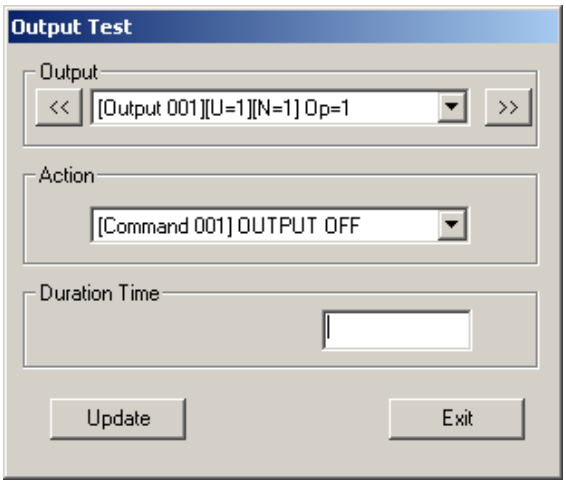
Get Outputs



Output Test

Purpose: Allows technician to test output.

Description: Tests programmed output in the system.

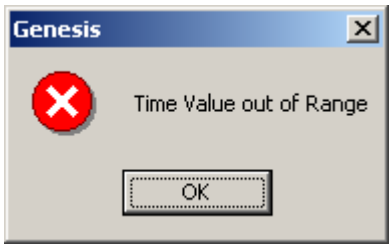


Output: Output list available in the system.

Action: List of Action commands.
Commands available are:

Command 1 = OUTPUT OFF
Command 2 = ON CONSTANT
Command 3 = ON SLOW
Command 4 = ON FAST
Command 5 = TONE 1 (***Provision for future***)
Command 6 = TONE 2 (***Provision for future***)

Duration Time: Time duration for output to be activated. The value of '0' sets the output for infinity time or until new command is issued.
Time be set to any value between 0 – 65535.
If value entered is outside valid entry, the following dialog box will be displayed and command will be ignored.



Update: Send command to Genesis for action.

Exit Exit test menu.

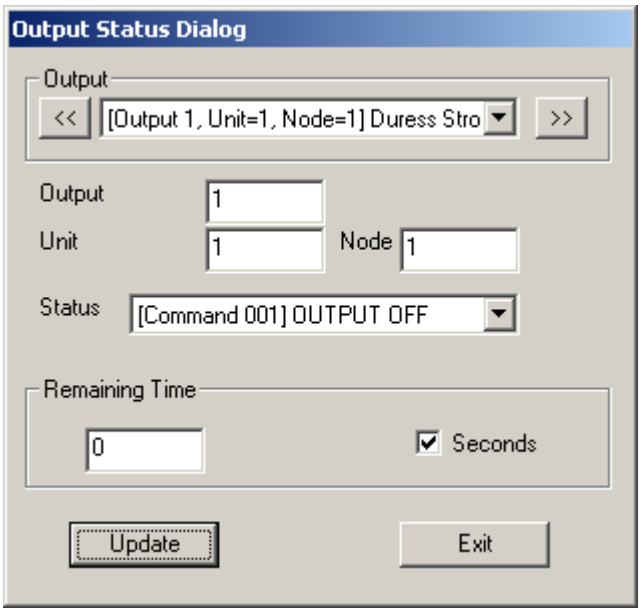
<< & >> Buttons, when used, system will automatically send the selected command to Genesis panel.

Please note: When output is set to 'OUTPUT OFF' for duration of time, after time expiry, the output will be set to 'ON CONSTANT' status.

Get Outputs

Purpose: Allows technician to retrive status of the output.

Description: Displays present status of selected output in the system.



Output List: Output list available in the system.

Output: Requested Output number,
Unit: Unit (Device) where this output is allocated to,
Node: Node (position) where this output is programmed on,
Status: Present status of this output (valid after Update request)
Remaining Time: Time in seconds. If output is active for time duration, the 'Remaining Time' will indicate this time.

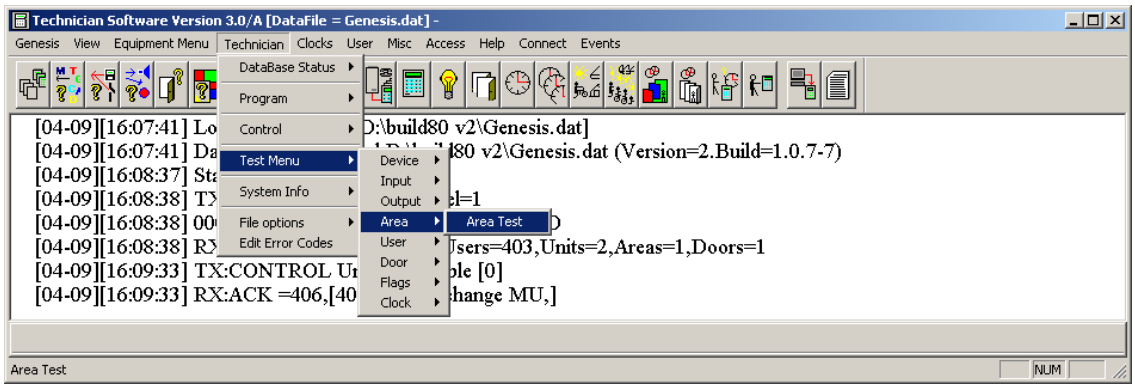
Update: When pressed, the requested output data will be updated,

Exit: Exit test menu,

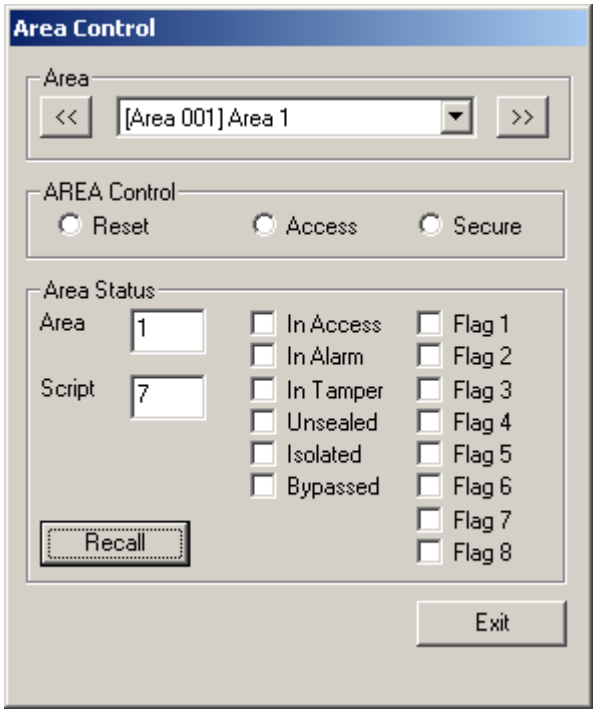
Area Test

Purpose: Allows technician to retrive status of the Area. Each Area can be set to Access, Secure or generate Reset, if in Alarm

Description: Displays present status of selected Area in the system.



Area Control:



Area: List of Areas in the system. Allows selection of Area to be recalled.

Area Control:

Reset: When pressed, Area Reset command is send to Genesis

Access: Area is set to Access mode,

Secure: Area is set to Secure mode. Please note: System will ignore any unsealed inputs, if any, and will force Area into Secure mode.

Area Status: ***Return information from the Genesis panel,***

Area: Requested Area number

Script: Script number associated with hs Area

In Access: This box is selected, if Area presently in Access mode,

In Alarm:	This box is selected, if Area presently in Alarm condition
In Tamper:	This box is selected, if Area presently in Tamper alarm,
Unsealed:	This box is selected, if any inputs in this Area are in unsealed status,
Isolated:	This box is selected, if any inputs in this Area are Isolated,
Bypassed:	This box is selected, if any inputs in this Area are Bypassed,
Flags 1 – 8	When Area flag is set, the appropriate box is selected.

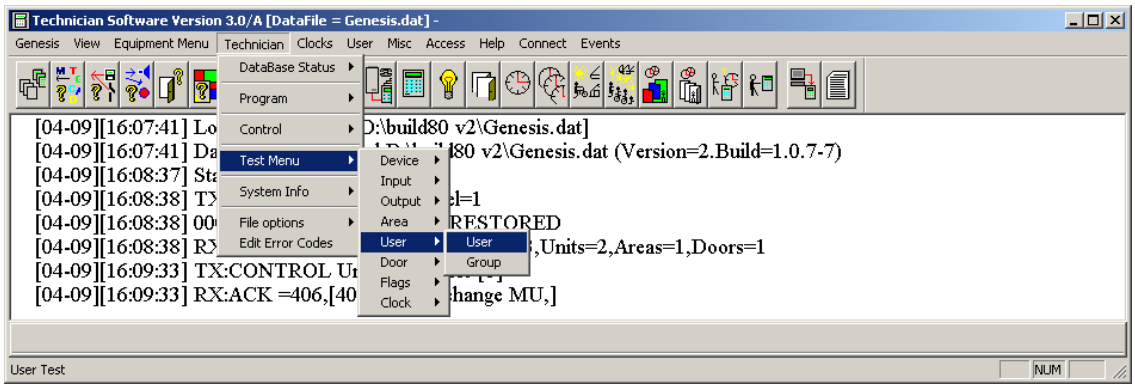
Recall: Press this Button to retrive present status of selected Area

Exit: Exits this menu,

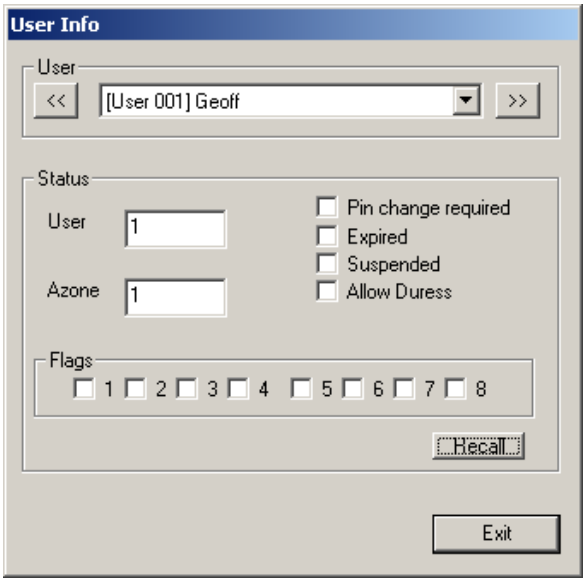
User Test

Purpose: Allows technician to retrive information of the selected User.

Description: Displays present status of selected User in the system.



User Info:



User List: List of existing users in the system,

Status:

User:	User Number of requested user
Azone:	Present value of User Azone,
Pin change required:	This box is selected, if User pin change is active,
Expired:	This box is selected, if User is expired,
Suspended:	This box is selected, if User is suspended,
Allow Duress:	This box is selected, if Duress option for this User is selected,

Flags 1 – 8 Present status of the User flags. When box is selected, the Flag is active,

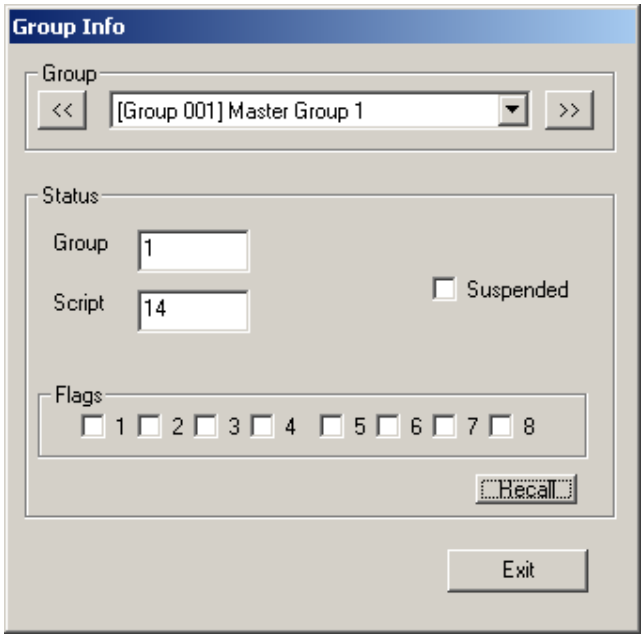
Recall: Press this Button to retrive present status of selected User

Exit: Exits this menu,

Group Test

Purpose: Allows technician to retrive information of the selected Group.

Description: Displays present status of selected Group in the system.



Group List: Selection of existing User Groups

Status:

Group:	Requested Group number
Script:	Script assigned to this Group
Suspended:	This box is selected, if Group suspended
Flags 1 – 8	Present status of the Group flags. When box is selected, the Flag is active,

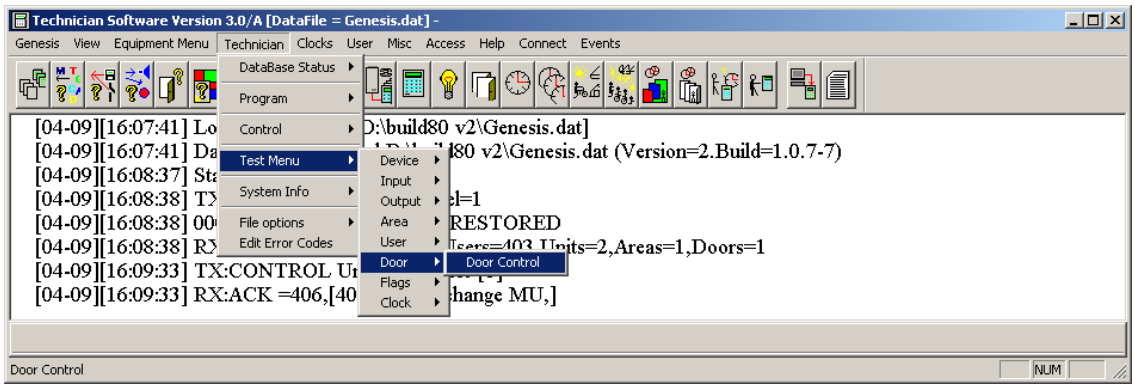
Recall: Press this Button to retrive present status of selected Group

Exit: Exits this menu,

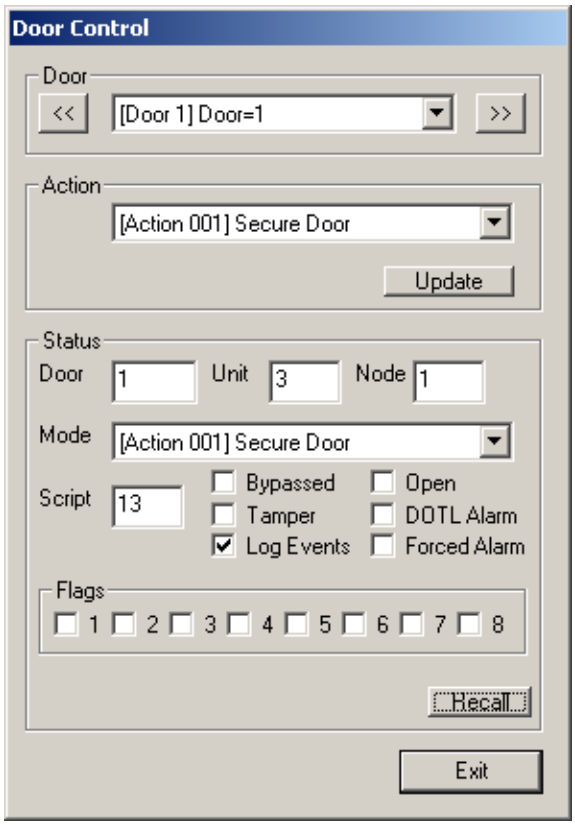
Door Control

Purpose: Allows technician to retrive and control Door status of Selected door.

Description: Technician Control and Status display of selected Door.



Door Control:



Door List: List of available doors in the system

Action: Drop down list of available door commands:

[Action 001] **Secure Door**, sets door to secure mode (Normal mode)
[Action 002] **Lock Door Entry**, suspends all entries on the Reader,
[Action 003] **Lock Exit**, suspends all action on the Egress input

[Action 004] **Lock all**, suspend all actions on Reader and Egress input
[Action 005] **Unlock Door**, sets door into unlock status and remainds unlock until Door status is return to 'Secure Door'
[Action 006] **Release Door,** opens the door for duration of the Relay time. Door can be Release ONLY, while door is ***not*** in the ***Unlock Door*** Status.

Update: Press this Button to set selected Door to the status as shown in the Action List.

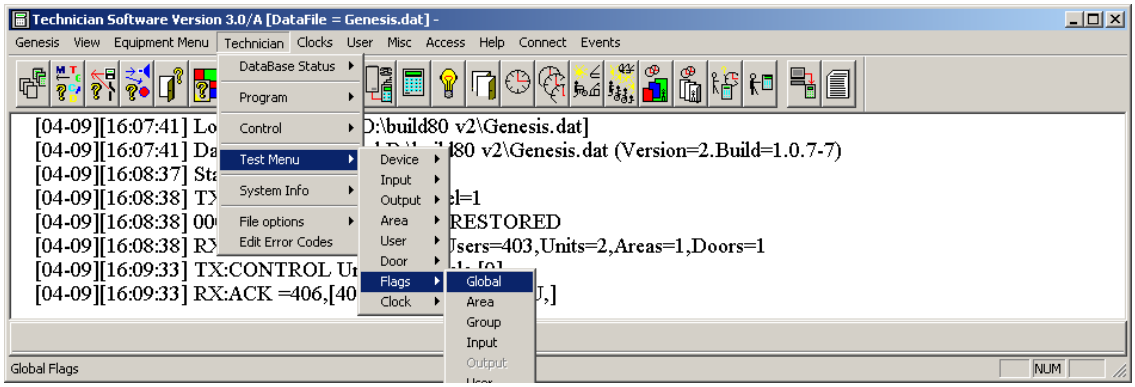
Status:

Door	Status information of this Door
Unit	Unit, where this door is allocated
Node	Node number of this Door
Mode	List indication present status of the Door,
Script	Script number allocated to the Door
Bypassed	Status off the Bypassed Flag,
Tamper	Tamper status of the Door
Log Events	Log All Events Flag status,
Open	Selected, if Door is in Open status,
DOTL Alarm	Selected, if Door is in the DOTL Alarm condition,
Forced Alarm	Selected, if Door is in the Forced Door alarm mode,
Flags 1 – 8	Present status of the Door flags. When box is selected, the Flag is active,

Flag Control

Purpose: Allows technician to retrive and control the Flag status of Selected flag type.

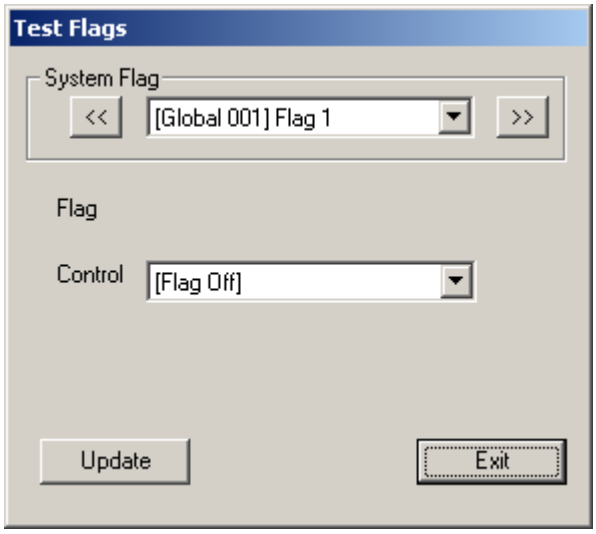
Description: Technician Control and Status display of selected Flag.



Test Flags:

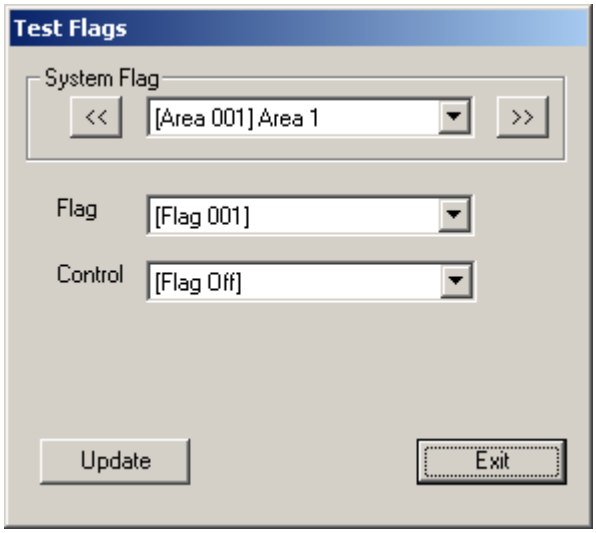
Available tests are: Global flags, Area flags, Group flags, Input flags, User and Door flags,

Example of Global Flag Dialog box



This Dialog is displayed ONLY, when GLOBAL flags are selected,

Example of Area Flags



This Dialog is displayed, when AREA, GROUP, INPUT, USER or DOOR flags are selected,

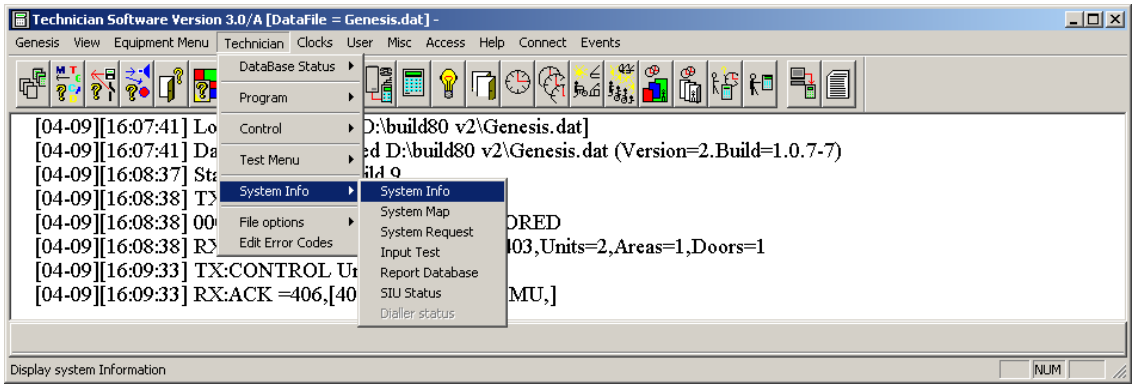
System Flags:
Upon selection, system will display GLOBAL, AREA, GROUP, INPUT, USER or DOOR Flags.

Flag
Control:
Flag number (not displayed when
Flag control. This command can be 'Flag Off' or ' Flag On'.

Update:
Press this Button to set selected Door to the status as shown in the Action List.

System Info

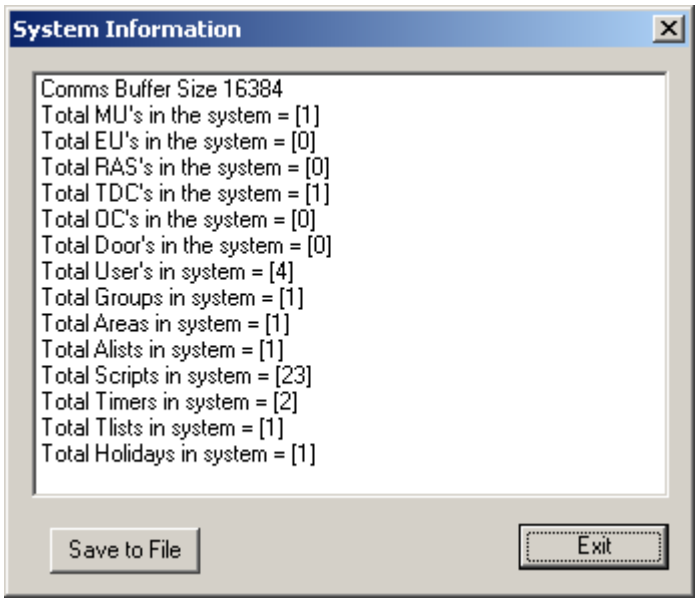
System information.



System Information

Purpose: Displays system programming information

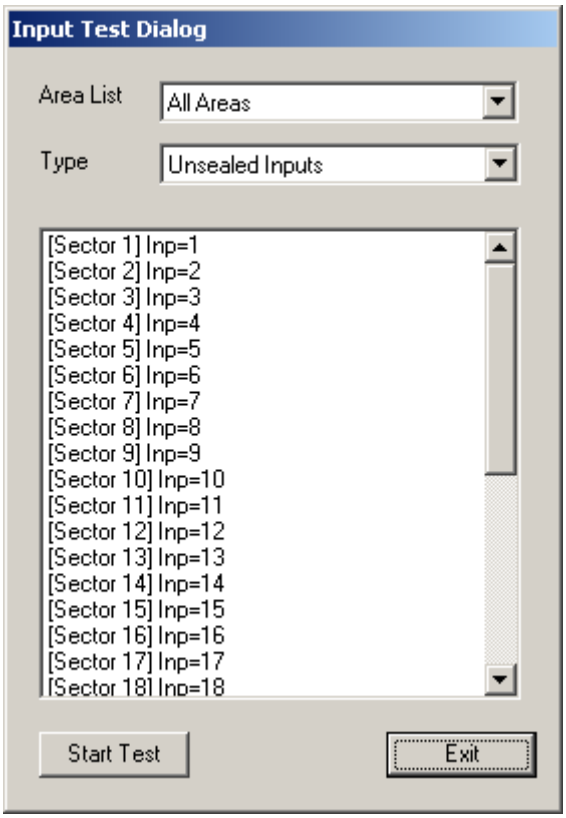
Description: Tests programmed output in the system.



Input Test Dialog

Purpose: Allows walk test to unsealed or alarmed inputs

Description:



Area List: List of Available Areas in the system. 'All Areas' selected, will display all inputs in the system.

Type: Select 'Unsealed' or 'Alarmed' inputs.

List box: Displays all inputs, or inputs to selected Area. Each individual Input, if Test function has been started, would be automatically removed, when input has changed its status to unsealed or alarmed condition.

Start Test: Press this button to start the test function. Once test has been started, this button is hided.

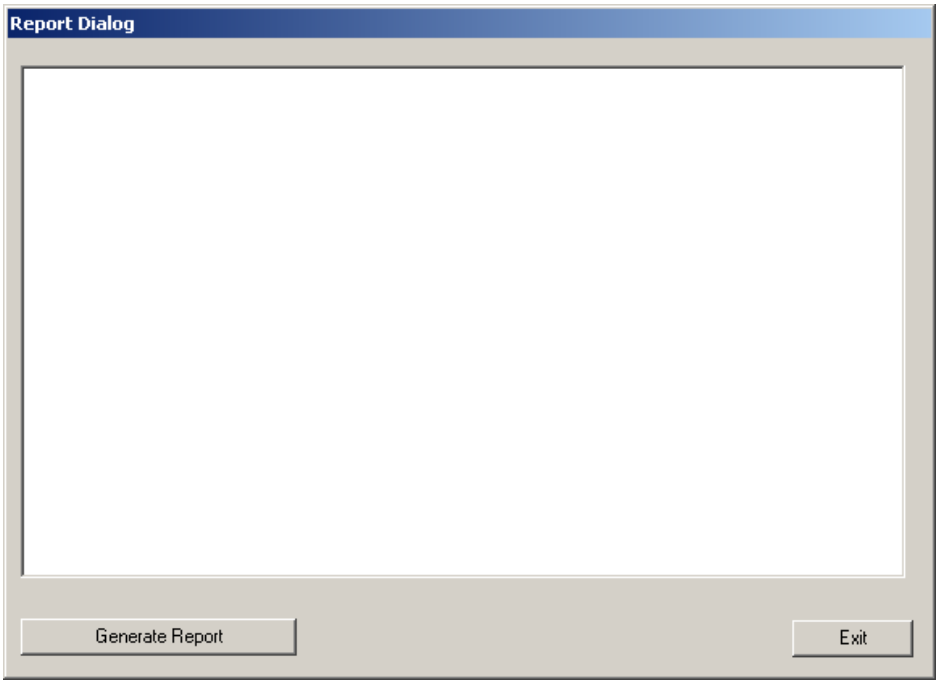
End Test: This button is displayed, while test is active and is used to terminate Test function.

Exit: Terminates this menu.

Please note: When TEST MODE is selected, system reports input status to the display. If input is active (unsealed or alarmed) at the time of 'Start Test' mode, the following message will be displayed: 'Test mode. Input already ACTIVE at the start of test".

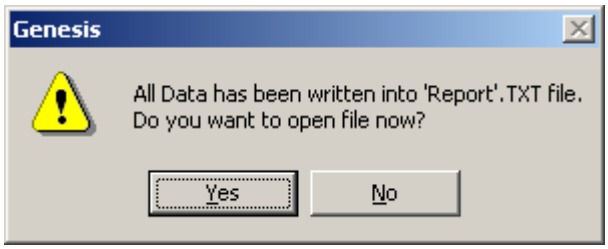
Report Database

This function will display all information of the database.



To generate report, press the ‘Generate Report’ button.

Systems will response with the following Dialog:



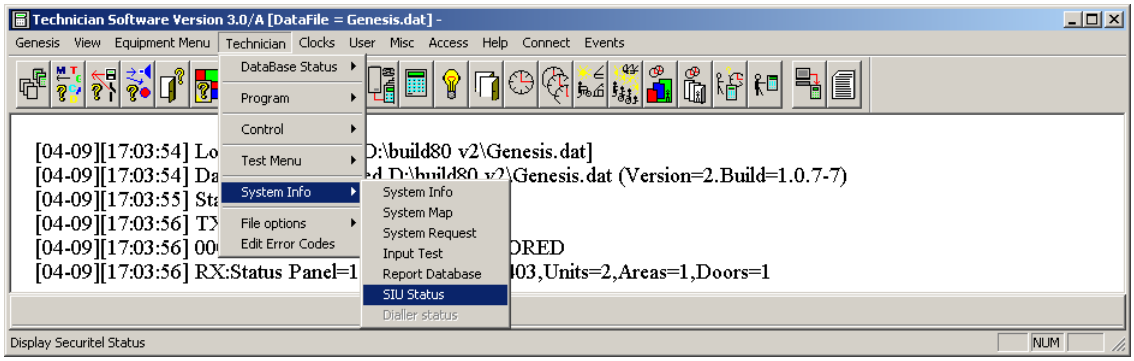
Select ‘Yes’ to view generated data using Windows® NOTE PAD. Generated file will be located in your current directory with the name ‘Report.txt’. Each time report is generated, the ‘Report.txt’ file is replaced with latest information.

Data can be view within the Report Dialog, while ‘Exit’ button will exit this function.

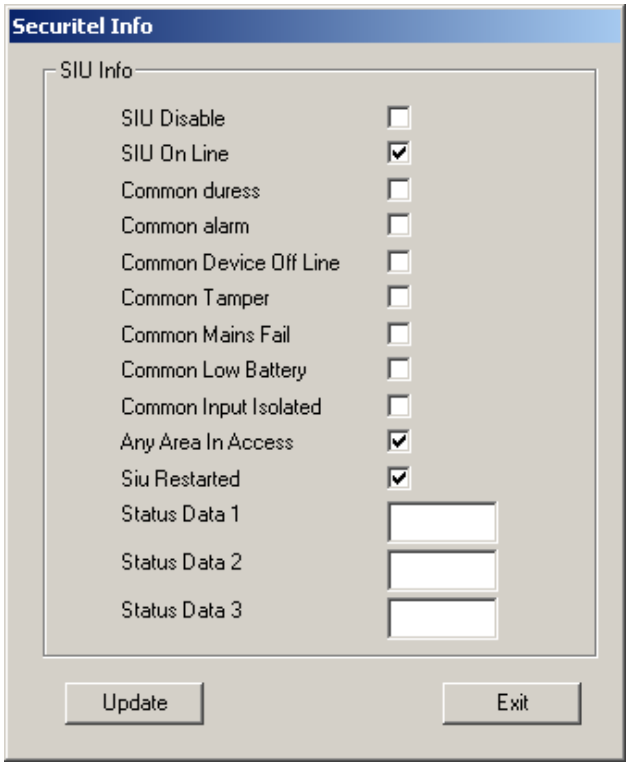
SIU Status

Purpose: Display information for the Securitel device,

Description:



Once selected, the following Dialog will be displayed:



Update: Retrive information about the Securitel device,

SIU Disable: This Flag is set, when SIU is disabled. See Enable/Disable SIU

SIU On Line: Set, when Genesis communicates with Securitel unit,

Please note: All the following flags will operate ONLY, while Securitel communicates with the Genesis panel.

Common duress: Set, when duress is active in the system.

Common alarm: Set, when any alarms are present in the system

Common device Off-line: Active, when any devices failed to communicate with Genesis,

Common Tamper: Set, while any Tamper alarms are active,

Common Mains fail: Active, while any Mains fail alarms are present,

Common Low Battery: Set, when any devices reported Low Battery Alarm

Common Input Isolated: Active, while any inputs is system are Isolated,

Any Area in Access: Set, while any Area is in Access mode,

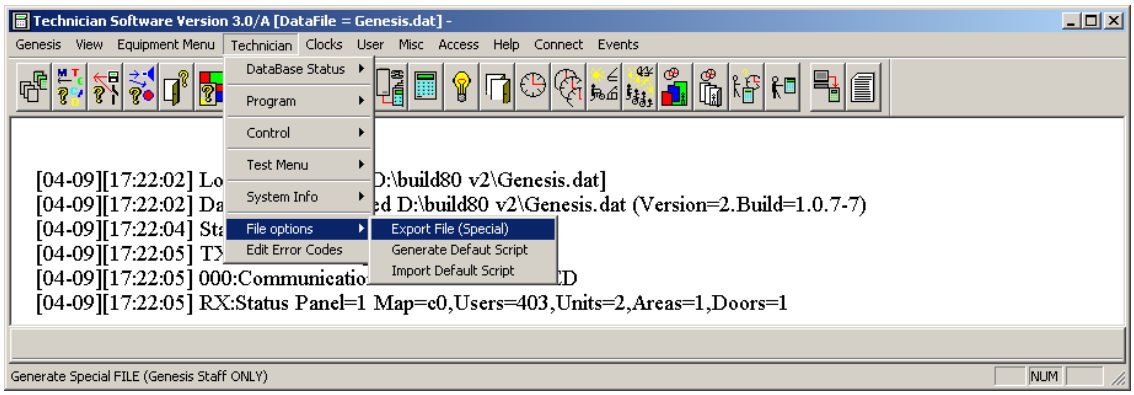
Siu restarted: Set, when Securitel task has been activated,

Status Data 1,2,3 are used for Genesis staff only.

Export File

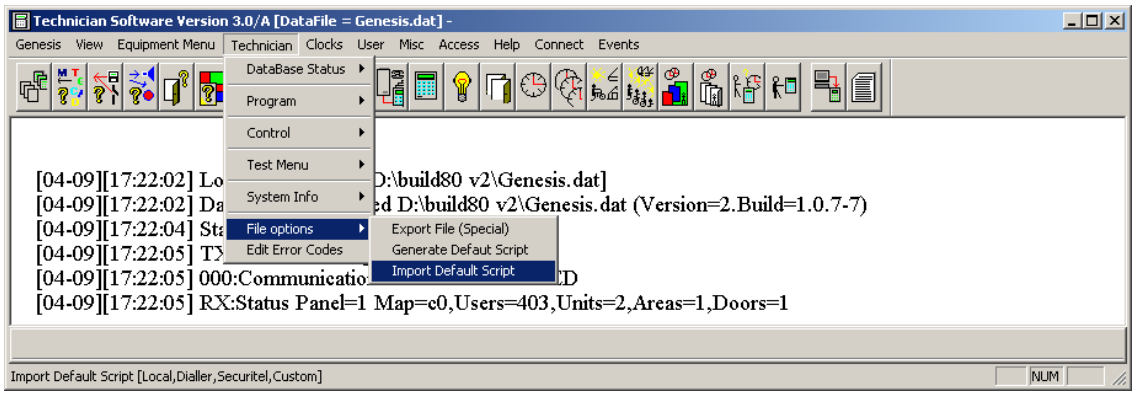
Purpose: Used for Genesis Staff ONLY,

Description:

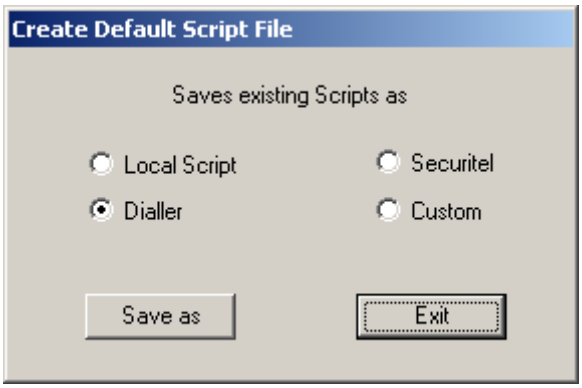


Generate Default Script

Purpose: Allows Technician to generate Default Local, Dialler, Securitel or Custom script files.



Once this option is selected, system will display selection Dialog box.



Select Type of the Script you wish to generate, followed by 'Save as" button.

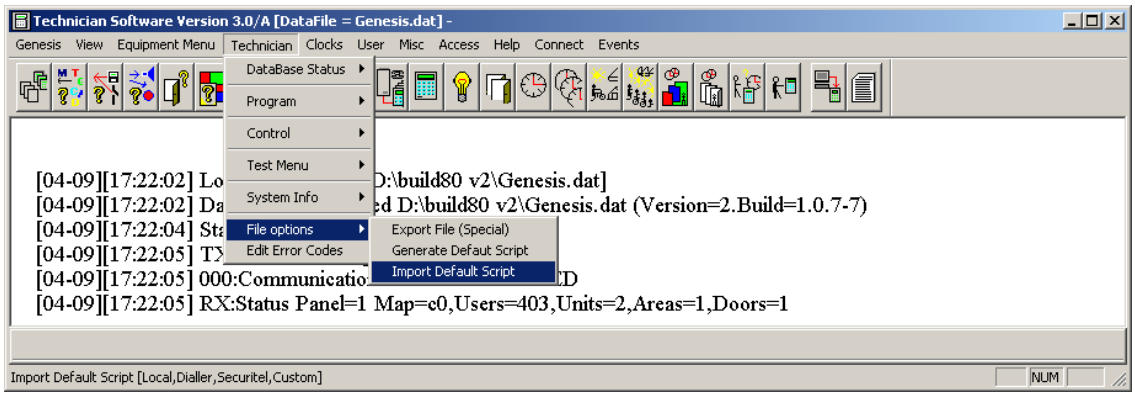
Note: All Scripts within the opened database are save to a disk. Each file will have unique name:

A/ Local Script	***Local.ref***
B/ Dialler	***Dialler.ref***
C/ Securitel	***Siu.ref***
D/ custom	***Custom.ref***

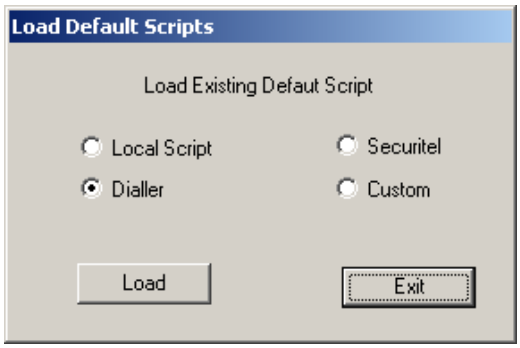
When new database is opened, system allows selection of predefined scripts as previously saved under this menu.

Import Default Script

Purpose: Allows Technician to LOAD Default Local, Dialler, Securitel or Custom script files.

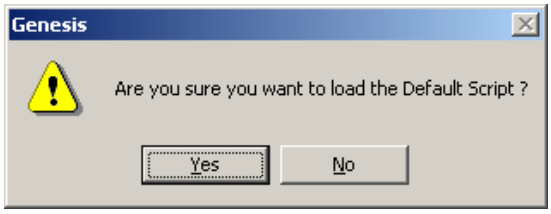


When this option is selected, system will display dialog box allowing you to select type of the Default Script to be loaded,



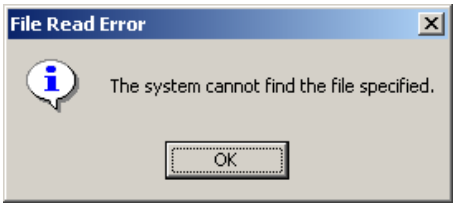
Select the Type you wish to UPLOAD, followed by the 'Load' button.

System will confirm, you you want to load the file,



If you select 'Yes' all existing Script data in the PC database will be replaced with the new data.

If requested file does not exists, the following Dialog will be displayed,



Error Codes Listing

0-OK,
1-Can No create Server Queue,
2-Can Not Create OS Timer,
3-Can not Allocate Message Buffer,
4-Invalid PROGRAM Action,
5-Invalid Task ID,
6-Message Not Packed,
7-Can not Create Mu Group User,
8-Network Task Error,
9-Cannot find MU,
10-Database corrupted,
11-Database Mode Error,
12-Database mapping error,
13-Dynamic buffer too Big,
Error 14 - 19, not used, provision for future
20-Invalid Serial Number,
21-Invalid MU Type,
22-Device MUST be Unit 1,
23-Invalid-Timer Value,
24-Invalid-Date Value,
25-Invalid-Max Units Value,
26-Invalid-Max Users Value,
27-Invalid-Max Scripts Value,
28-Invalid-Max Events Value,
29-Invalid-Max Diallers Value;
30-Invalid-Max Securitel Value,
31-Invalid-Dynamic Buffer Overflow,
32-Invalid-Event Structure,
33-External Memory failed
Error 34 – 99, not used, provision for future
100-User Not in Database,
101-Invalid User Pin Number,
102-User Suspended,
103-User Expired,
104-User 100/101 Card error entry,
105-User Duress Code Activated,
106-User Invalid Access,
107-User Pin Change requested,
108-User code Pin must be changed,
109-Card not in Database,
110-Antipass back Error,
111-Card Valid but door not allocated,
112-Group not found,
113-Group Suspended,
114-Unit Locked,
115-Menu Access not Allowed,
116-Menu Access not Valid,
117-Area Access not Allowed,
118-Area Access not Valid,
119-Door Access not Allowed,
120-Door Access not Valid,
121-Door is Locked,
122-System Fault,
123-No Access to MU Ports,
124-Azone not found,
125-Azone is FULL,
126-Unit Area ACL=0;
127-Group Area ACL-0,

128-Area not allowed for this unit,
129-Card Contols one area,
130-Not allowed at this time,
Error 131 - 149, not used, provision for future
150-PC User 101 not defined,
151-PC not authorized,
152-PC User not Valid,
153-PC Access timed out,
154-PC function denied,
Error 155 - 199, not used, provision for future
200-Invalid Message Group,
201-Invalid sub code,
202-Invalid request Code,
203-Invalid Modifier,
204-Invalid Action Code,
205-Invalid Database mode,
206-Delete not allowed,
207-Invalid Event code,
208-Invalid Event Type,
209-Invalid control,
Error 210 - 219, not used, provision for future
220-Invalid serial number,
221-Invalid Unit Type,
222-Invalid Unit Number,
223-Invalid Node,
224-Invalid Area Number,
225-Invalid Clock Number,
226-Invalid door Number,
227-Invalid EOL Number,
228-Invalid Holiday Number,
229-Invalid Input Number,
230-Invalid Output Number,
231-Invalid Text Number,
232-Invalid Door List Number,
233-Invalid Holiday List Number,
234-Invalid Output List Number,
235-Invalid Clock List Number,
236-Invalid Group Number,
237-Invalid User Number,
238-Invalid Invalid CardKey,
239-Invalid Time,
Error 240 - 269, not used, provision for future
270-Invalid Date,
271-Invalid Day Number,
272-Invalid dialler number,
273-Invalid Modem Number,
274-Invalid Printer Number,
275-Invalid Script Type,
276-Invalid Optional Flag Number,
277-Invalid Script Number,
278-Invalid Area List Number,
279-Invalid DayLight Adjust,
280-Invalid Comm Port Number,
281-Invalid Driver ID,
282-Invalid Comm Baud Rate,
283-Invalid Variable Number,
284-Invalid Global flag Number,
285-Invalid Dialler Calls/Msg,
286-Invalid Access Zone,
287-Invalid Pin (0),

288-Invalid Script Text Message Type,
Error 289 - 299, not used, provision for future
300-Unit not Found,
301-Area Not Found,
302-Clock Not Found,
303-Door not Found,
304-EOL not Found,
305-Holiday not Found,
306-Input not Found,
307-Output not Found,
308-Text String not Found,
309-Clock List not Found,
310-DoorList not Found,
311-Holiday List not Found,
312-Output List not Found,
313-Group not Found,
314-User PIN not Found,
315-User not Found,
316-Card not Found,
317-Dialler not Found,
318-Modem not found,
319-Script not found,
320-DayLight saving not set,
321-Contact ID not found,
322-Securitel not found,
323-Access zone not found,
Error 324 - 400, not used, provision for future
401-Script Overflow,
402-Pin number in use,
403-Cardkey in use,
404-Card Table Full,
405-Unit Table Full,
406-Cannot change MU,
407-Not a Ras device,
408-Cannot suspend User,
409-Pin length code too small,
Error 410 - 499, not used, provision for future
500-Cannot delete Unit,
501-Cannot Delete Net,
502-Cannot Delete Dialler,
503-Cannot Delete Securitel,
504-Cannot Delete internal Modem,
505-Cannot Delete USER 100/101
506-Cannot Delete GROUP 1,
Error 507 - 599, not used, provision for future
600-Gnome msg pool is empty,
601-Sneaky gnome detected, TOO Many messages received from LAN,
602-Event buffer is empty,
603-input not assigned to unit,
604-output not assigned to unit,
605-door not assigned to unit,
606-network msg pool is empty,
Error 607 - 619, not used, provision for future
620-Cannot Isolate input while Secured,
621-Duress not registered,
Error 622 - 699, not used, provision for future
700-Area in required mode,
701-Area has no inputs assigned,
702-Area has unit offline,
703-Area has unsealed inputs,

704-Area not Defined,
Error 705 - 719, not used, provision for future
720-Dialler Calling,
721-Dialler has connected,
722-Dialler Message Send,
723-All Dialler Messages been send,
Error 724 - 729, not used, provision for future
730-Dialler Disabled,
731-Dialler List not programmed,
732-No Dialler Msg Buffer,
733-Cannot find Dialler,
734-No Dial tone detected,
735-Dialler No Handshake Tone (ACK1),
736-Dialler No Kissoff Tone (ACK2),
Error 737 - 749, not used, provision for future
750-SIU Comm port opened
751-SIU Init Message,
Error 752 - 759, not used, provision for future
760-SIU Disabled,
761-SIU not Programmed,
762-SIU Message Buffer error,
763-Cannot find SIU,
764-Invalid message priority,
Error 765 - 779,
780-No message buffer available,
781-Card has no access,
782-Card has read error,
783-Card not authirized,
784-Area not secured,
Error 785 - 799, not used, provision for future
800-Reached Start of data table,
801-Reached End of data table,
Error 802 - 809,
810-Input not in access,
811-Wrong Build Number,
Error 812 - 899, not used, provision for future
900-Shutdown in progress,
Error 901 not used, provision for future
902-Function not available,
903-Network failure,
904-Unit offline,
905-PC Link Access Only,
906-Group error trace message,
907-unexpected response message,
908-Swipe 3 error trace message,
Error 909 - 999, not used, provision for future
1000-Wrong script type,
1002-Invalid script command,
1003-Invalid script jump,
1004-Script calls nest too deep,
1006-Invalid variable no,
1007-Cannot allocate timer,
1008-Invalid use on event,
1009-Invalid condition code,
1010-Invalid unit number,
Error 1011 - 1020, not used, provision for future

********** End error codes **********

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