

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

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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 ( <u>Note 2</u> )
			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

genesis

- 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:

			<u>? ×</u>
Look jn: 🔂	Databases	💌 🗢 🔁 I	* 🎟 •
Client1			
Geoff			
Genesis.da	at		
File <u>n</u> ame:	Genesis.dat		<u>O</u> pen
Files of <u>type</u> :	Genesis Files (*.dat)	•	Cancel
Open			? ×
Look in: 🖂	Client1	💌 🛨 🗈 (	<b>*</b> ≣
Look in: 🔄	l Client1	- <b>E</b> (	* 💷 *
Look in: 🔁	Client1 t	▼ ← È	<b>₩</b> .
Look <u>i</u> n: 🔄	l Client1		*
Look <u>i</u> n:	t		*
Look <u>i</u> n: Client1.da File <u>n</u> ame:	t Client1.dat		<u>□pen</u>

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.

Load Default Scripts					
Load Existing Defaut Script					
🔿 Local Script	Securitel				
<ul> <li>Dialler</li> </ul>	C Custom				
Load	Exit				

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.

🖥 Technician Software Yersion 3.0/A [DataFile = demo.dat] -	-OX
Genesis View Eguipment Menu Technician Clocks User Misc Access Help Connect Events	
[04-09][12:34:45] Loading Data File [D:\build80 v2\Default80.ref] [04-09][12:34:45] Database File Loaded D:\build80 v2\Default80.ref (Version=2.Build=1.0.6-6) [04-09][12:34:46] Default Script Database File has been Loaded D:\build80 v2\Dialler.ref (Version=1.Build=1.1.1-1)	
Ready NUM	

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.

🗑 Technician Software Version 3.0/A [DataFile = demo.dat] -	
Genesis View Equipment Menu Technician Clocks User Misc Access Help Connect Events	
Save V	
[04-09][12:34:45] Loading Data File [D:\build80 v2\Default80.ref]	
[04-09][12:34:45] Database File Loaded D\build80 v2\Default80.ref (Version=2.Build=1.0.6-6)	
[04-09][12:34:46] Default Script Database File has been Loaded D:\build80 v2\Dialler.ref (Version=1.Build=1.1.1-1)	
	10

Log In

Log In	
Password	
*****	
LogIn	Cancel

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 Charac characters)	ters) and to RS232 TEXT Port (1 x 39	
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
٠	Devices on LAN	5	128
٠	System Scripts	100	300
٠	Users	120	8500
•	System Log Event buffer	50	20000
٠	Dialler Event Buffer	0	300
٠	Siu Event Buffer	0	300

## Typical Database size selection:

Under the Equipment menu, select 'Set System Defaults'.

📕 Technician Software Version 3.0/A [DataFile = demo.dat] -			
Genesis View Equipment Menu Technician Clocks User Misc Access Help Connect Events			
Auto Program         Add New Device         Set System Defaults			
[04-09][12:34:45] Loading Data File [D:\build80 v2\Default80.ref] [04-09][12:34:45] Database File Loaded D:\build80 v2\Default80.ref (Version=2.Build=1.0.6-6) [04-09][12:34:46] Default Script Database File has been Loaded D:\build80 v2\Dialler.ref (Version=1.Build=1.1.1-1)			
Set Suctem Defaulte			

When selected, the following Dialog box will be displayed.

D	Default Programming					
	Communication configu	uration	Database sizes			
	Panel Number (1-25	5) 1	Max Units 5			
	Communication type	Serial Port 💌	Max Scripts 300			
	Link Response	5	Max Users 500			
	Link Retries	3	Max SIU Messages 100			
	Link Max Queues	2	Max Dialler Messages 300			
	Link Comm Port	Port 2	Max History Events 100			
	Link Baud Rate	9600 bps 💌				
	TCP/IP Address	0.0.0.0	Font Type			
	TCP/IP Mask	0.0.0.0	Font Size 18			
	Link Trace Level	0	·			
		Modem	🔽 Debug File 🔽 Debug Display			
	Timeout 100					
	Init 1 ATZ					
	Init 2 ATD&D0&K	0595=1	Save Exit			
	Phone ATD12345	67				
	1					

#### 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: <i>Timeout:</i>	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.	
<i>Init 2</i> :	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 specifi	cation and notes below.	
Link Comm. Port:	Communication port used to communicate with Genesis panel.	
<i>Link Baud Rate:</i> Note:	<b>9600</b> Communication speed should be set to 9600 only. 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:

ATDStandard AT command. Note: System automatically will use TONE Dialling<br/>and does not require the ATDT command,&D0&K0Selects RTS and DTR to be ignored\$95=1Disable Extended reporting format.

## Quick set up guide



Program Holiday List

Program Area Access for User



⊕ <mark>\_\_\_</mark>;

4¥ ijjj

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.	

Save and Display Previous Device	Prgram New/Change Device Save and Display Next Device
	< <p>(Device 001] Master 1       Type     [MU 001] Master       Name     Master</p>
	Name     Master 1     Duild     0       S/N Number     1001     Batt. Low Value     45       Alarm Script     [Script 009] ALARM     •       Alert Script     [Script 010] ALERT     •       Master Script     [Script 005] ACCESS 2     •
	Save Notes Exit

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.

Programmin	g of EO	DL Values
Pu	rpose:	Allows programming up to 16 different EOL Resistors values for input detection.
De	scription:	Four state input values are programmed, to allow various values End-Off-Line resistors to be used.
Save and Display Previous EOL	Program EOLI Name Tamp Tamp Unsea	amming of EOL Values   List   ←   [EOL 001] Tamper 10k/4k7   ne   Tamper 10k/4k7   nper High   180   nper Low   120   sealed High   165   sealed Low
		Save Notes Exit

**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.

	Program and Allocate Inputs	
Save and Display Previous Input	Inputs (Input 001] Inp=1 >> Name Inp=1	Save and Display Next Input
	EOL [EOL 002] Non Tamper	
	Script [Script 001] E/E Script	
	Area List [Alist 001] Alist 1	
	<ul> <li>Ignore Unseal, when Securing</li> <li>Log All Events on this Input</li> </ul>	
	Input Assigned to Device and Node	
	Device [Device 001] Master	
	Node [Node 001] Master	
	Save Notes Exit	

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	he system.
<b>Description</b> :	Outputs are required to drive Siren Units, Strobe warning indicators.	Light or any
Save and Display Previous Input	Program Outputs Outputs (Output 1) Siren on Master >>>	Save and Display Next Input
	Name Siren on Master Device Device [Device 1] Master Node [Node 1] Siren on Master	
	Cutput 1] Unit=1,Node=1 [Siren on Master]  Save  Exit	

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

	Program Door
Door List	Door [Door 001] Door=1
	Door Name Door=1
	DOTL Time 10
	Relay Time 10
	Door EOL [EOL 003] Door
	Script [Script 013] Door Script
	ByPass Door Input Log All Events on this Door
	Unit 2 Node 1
	Status Door is Programmed
	Save Notes Exit

**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: Description:	Program Area information. Pre-program all information for an area, allowing later use of this area.
Progr. Are.	arca.

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 Programming Menu	
Area List Selection	
[Alist 001] Alist 1	3
Area List Programming Area List Name Alist 1 Area List Entries [Area 001] Front Office [Area 001] Front Office [Area 002] Factory [Area 003] R & D Office	
REMOVE >> << ADD Edit Save Notes Exit	

- 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.
<b>Description</b> :	Genesis allows event reporting up to 16 Diallers. Each Dialler can communicate to different monitoring station.

Dialler List	
Dialler List	
[Dialler 1] Dialer 1	•
Name Dialler 1	
Primary Phone Number 12345	56789
Secondary Phone Number 98765	54321
Max Messages per Call (2 -14)	4
Maximum Retries	5
Dial Delay Time	2
Redial Time	15
Reset Time	15
Max Buffer Messages	0
Save Notes	Exit

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: Please Note:	Phone number for the monitoring station, used when Dialler error has been generated, while system could not establish communication using the Primary Phone Number. 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:	<i>Time delay in seconds, how long dialler will wait between retries.</i> <i>Once reties limit has been reached, the Dialler will generate Error</i> <i>event.</i>
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. <i>Please see Maximum Dialler Buffer size.</i>
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.

Dialler	Programming Dialog	
_ (	Dialler (CID) Prgramming Menu	
	Dial tone hold time	2
	Dial tone wait time	3
	Wait time for PABX	3
	Wait time for ACK1	12
	Wait time for ACK2	2
	DTMF On/Off dial time	8
	DTMF On/Off Message time	5
	Handshake Msg Delay	3
	Acknowledge Msg delay	6
	Dialler report level (0-3)	2
	Driver options	0
	Save Notes Se	t Defaults Exit

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. <i>If BLIND Dialling is selected, we recommend this value be increased at least to 5 seconds.</i>
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 ' <i>Wait time for PABX'</i> 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 $*10 = 80$ mS).
DTMF On/Off Message	time:
	DTMF make/break tone duration used for tone data transmission. Time is in 10 off milliseconds ( $5 *10 = 50$ mS).
Handshake Message Del	ay:
	Time how long system waits between each message transmission. Time is in 10 milliseconds $(3*10 = 30 \text{mS})$ .
Acknowledge Message d	elay:
	Time is in 10 milliseconds ( $5*10 = 50$ mS).
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	- Device List Selection		Device Name		Outputs		Coptional IO Expande	
[Device 001] Master		Master		1 Op=1		5 Op=5		
Alert Scrip	pts (Master only)		S/N	Build	2	Op=2	6 Op=6	
[Script 012] Alert Script		1001 45		3 Op=3		7 Op=7		
Alarm Scr	ipts				4 [	0n=4	8 00=8	
[[	[Script 011] Alarm Script		Battery Value 45		100-4		Jeb e	
Inputs —	Inputs S	election	Inputs 1 - 8		-			
Sector	EOL		Script/Fu	Inction	_	Input Name	Area List	
1	[EOL 002] Non Tamper	•	[Script 001] E/E Script		-	Inp=1	[Alist 001] Alist 1	
2	[EOL 001] Tamper	•	[Script 002] Secure Script		-	Inp=2	[Alist 001] Alist 1	
3	[EOL 001] Tamper	-	[Script 002] Secure Script		-	Inp=3	[Alist 001] Alist 1	
4	[EOL 001] Tamper	-	[Script 002] Secure Script		-	Inp=4	[Alist 001] Alist 1	
5	[EOL 001] Tamper	•	[Script 002] Secure	Script	-	Inp=5	[Alist 001] Alist 1	
6	[EOL 001] Tamper	-	[Script 002] Secure	[Script 002] Secure Script		Inp=6	[Alist 001] Alist 1	
7	[EOL 001] Tamper	•	[Script 002] Secure	[Script 002] Secure Script		Inp=7	[Alist 001] Alist 1	
	[EOL 0011 Tamper	-	[Script 000] Not Used		▼ Inp=8		[Alist 000] Not Used	

#### **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. <i>Please ensure data is saved (if changed) before selection next group.</i>
Sector:	Input number allocated to this node.

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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.

Device Selection [Device 002] Ras	1	<b>.</b>	Serial Number Build
-RAS Programming RAS Name Message User AreaACL [Area Alarm Script [[Scrip	Ras 1 *** genesis ACL 001] Are	s *** ea Access 💌 Script 💌	Outputs A Op=5 B Op=6 C Op=7 D Op=8
BackLite Time (Sec) Card TimeOut (Sec) Card Cache Time LCD Contrast	D 5 60	evice Door Reader 1, Form Format Reader Door Card AreaACL Azone IN Azone OUT	[Door 002] Door 2         mat, Door, Tag In, Tag Out         Genesis         [Door 002] Door 2         [AreaACL 001] Area Access         [Azone 001] Azone 1         [Azone 002] Azone 2
Min Pin Lenght 3att. Low Value	4	- Reader 2, Form Format Reader Door Card AreaACL Azone IN Azone OUT	mat, Door, Tag In, Tag Out 26 Bits (Door 002) Door 2 (AreaACL 001) Area Access (Azone 002) Azone 2 (Azone 001) Azone 1
Save		Notes	Exit

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

## genesis

User Area ACL:	List of areas, allowing control by any users from this RAS.			
Alarm Script:	Alarm script allocated to this device.			
<b>Device Door</b> :	Door allocated to this hardware.			
<b>Backlite Time</b> :	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:	<b>Time in minutes</b> of how long the last 100 valid cards will allow door access in event of communication failure. <i>Value of '0', will remove this option (no CACHE). Time can be between</i> $1 - 65535$ <i>minutes)</i>			
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: OUT: Format: Door: Card a-list:	IN value assigned to this reader OUT value assigned to this reader List selection for card format used on this reader Door assigned to this reader 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

	<b>Description</b> :							
Output controller Programming Menu								
Device Numb	er Device 5 0 C 1		💌 Se	rial Number 1	005	Build	0	
Name OC1		Alarm Script	[Script 1	1] Alarm Script		•	Batt 45	
			- Output	Names				
Outputs 1-8-	Out	puts 9-16		Outputs 17-2	24	Outputs	25-32	
1 Op=17	9	Op=25		17 Op=33		25 Outp	ut 41	
2 Op=18	10	Op=26		18 Op=34		26 Op=	42	
3 Op=19	11	Op=27		19 Op=35		27 Op=	43	
4 Op=20	4 Op=20 12 Op=28		20 Op=36			28 Op=	44	
5 Op=21	13	13 Op=29		21 Op=37		29 Op=	45	
6 Op=22	14	Op=30		22 Op=38		30 Op=	46	
7 Op=23	15	Op=31		23 Op=39		31 Op=4	47	
8 Op=24	16	Op=32		24 Op=40		32 Op=	48	
Sa	ive		Note	es			Exit	

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. <i>Only names can be updated from this menu</i> .
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.

Programming required data to the output controller device.



## Two Door Controller Programming Menu

**Purpose**: Programs required data to the TDC device.

Program Two Door Controller				
Device Selection				
Device [Device 003]	TDC 1			
TDC Name Serial	Build Batt Low 45			
Device Doors	Ha IDoor 0031 Door=3			
#1 [[bool cos] bool-5				
Reader 1, Format, Door	Reader 2,Format,Door			
Format Genesis	Format Genesis			
Door [Door 002] Door=2	Door [Door 003] Door=3			
IN [Azone 000] Not Used	IN [Azone 000] Not Used			
OUT [Azone 000] Not Used	OUT [Azone 000] Not Used			
Card AreaACL	Card AreaACL Card AreaACL			
[AreaACL 001] AreaACL 1	[AreaACL 001] AreaACL 1 💌 [AreaACL 001] AreaACL 1 💌			
Card TimeOut (Sec) 5 Card TimeOut (Sec) 5				
Card Cache Time 10 Card Cache Time 10				
Coutputs				
Output A Op=9	Output C Op=11			
Output B Op=10	Output D Op=12			
Alarm Script				
[Script 011] Alarm Script	<b>•</b>			
Save No	Cancel			

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: OUT: Format: Door: Card AreaACL: Card Cache Time: Card timeout:	IN value assigned to this reader OUT value assigned to this reader List selection for card format used on this reader Door assigned to this reader List of areas that can be operated by CARDS Time in minutes of how long the last 100 valid cards will allow door access in event of communication failure. <i>Value of '0', will remove this option (no</i> <i>CACHE). Time can be between 1 – 65535 minutes)</i> Time in seconds, allowing card to be presented for multiple readings		
<b>Please note:</b> Door allocated to the reader MUST BE the same as the Device Door.			
Reader 2, Format, Door			
IN: OUT: Format: Door: Card AreaACL: Card Cache Time:	IN value assigned to this reader OUT value assigned to this reader List selection for card format used on this reader Door assigned to this reader List of areas that can be operated at this reader by CARDS Time in minutes of how long the last 100 valid cards will allow door access in event of communication failure. <i>Value of '0', will remove this option (no</i> <i>CACHE). Time can be between 1 – 65535 minutes)</i> Time in seconds, allowing card to be presented for multiple readings		
Caru timeout.	Time in seconds, anowing card to be presented for multiple readings		
<i>Please note:</i> 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.

CIOCK SElection-	(Clock 1) Clock 1			
Clock	,			
Name	0	Clock 1		_
Script	[	[Script 10] Clock Script		
Holiday List	ſ	[HL ist 1] Hlist 1		
	Start	<	End	_
Sunday	00:00		24:00	
Monday	00:00	_	24:00	
Tuesday	00:00	-	24:00	
Wednesday	00:00	-	24:00	
Thursday	00:00	-	24:00	
Friday	00:00	-	24:00	
Saturday	00:00	-	24:00	
Holiday	00:00	-	00:00	
Log All Events Set 24 Hours Clear All				

**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.

# genesis

Log All Events:	When this box is selected, all activity generated on this clock will be logged into the Event History buffer. <i>Please see LOG EVENT function in the SCRIPT MANUAL</i> .
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 Programming Menu	×
Clock List Selection	
[CList 001] Clist 1	
Timer List Programming	
Name Clist 1	
Clock List Entries	1
[Clock 001] Clock 1 [Clock 001] Clock 1	
REMOVE >>	
Save Exit	

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

Save and Display Previous Holiday	Program Holiday List Holiday List (Holiday 001] New Year >>	Save and Display Next Holiday
	Holiday Name Date Wednesday, January 01, 2003 <b>v</b>	

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<br/>with Clocks.

Save and Display Previous Holiday List	Program Holiday List Holiday List Selection	Save and Display Next Holiday List
	Holiday List Programming Holiday List Name Hlist 1	
	Holiday List Entries [Holiday 001] Holiday 1 [27/03/02] [Holiday 001] Holiday 1 [27/03/02]	
	REMOVE >> << ADD	
	Save Notes Exit	

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.

Pro	ogram Are	ea Access List	
	-AreaACL	List	
		[AreaACL 001] Area A	ccess 1 💌
	Name	Area Access 1	
	Area		
	Area List	[Area 001] Area 1	•
		Assa 1	
	Area Nam	ie  Area I	
			Next>
	Clist	[Clist 001] Clist 1	•
		,. ,	
		1	
	Delete A		Exit

Area Access List:	Drop down list, allowing selection of Area Access Lists.
Name:	Name of the Area Access List. ( <i>Note: Name is not transmitted to Panel and when data is uploaded from the Panel, this field is not deteted on the PC database</i> ).
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. <i>Please note: '[Clist 000] No Access', removes access to this Area, in groups where Area Access List is allocated.</i>

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.

Pr	ogram Doo	r Access List
	- Door ACL Li	ist
		[DoorAcl 001] Door Access 1
	Name	Door Access 1
	- Door	
	Door List	[Door 001] Door=1
	Door Name	Door=1
		Next >
	Clist	[Clist 001] Clist 1
	Delete ACL	Exit

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 Progra	amming Menu		
Save and Display Previous Group	- Group List-		Menu Control	Save and Display Next Group List
List	Menu CList User AreaACL Card AreaACL	Name         Master Group 1           Name         Master Group 1           [Clist 001] Clock list 1	Display Menu     Input Menu     Control Menu     User Menu     Setting Menu     Service Menu     Service Menu     New User Menu     New User Menu	
	User Door List Card Door List	t       [Dlist 001] DoorACL 1         t       [Dlist 001] DoorACL 1         Default Days to Expire         Default Days to Code Change         Days to warn Code expire	Spare Spare Spare Spare Spare Spare PC User PC Master  S	
	Access Script	[Script 014] Access Script	Suspend Group Users	
	Save	Notes	E xit	

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.

# genesis

<ul> <li>will be advised in advance of this number of days, prior the code change is reached.</li> <li>ess Script, which will be activated on user valid entry</li> <li>ection, were various menu function is selected. The 'Menu Clist' tionally controls access to the RAS Menu.</li> <li>allows entry to all RAS Menu Function, independent of any other selection</li> <li>Allows entry to Display Menu Area status</li> <li>Event history</li> <li>Output status</li> <li>Allows entry and control to Input.</li> <li>Display unsealed Inputs</li> <li>Display isolated inputs</li> <li>Display isolated inputs</li> <li>Display bypassed Inputs</li> <li>Isolate Input Cancel Duress</li> <li>Service Request</li> </ul>
<ul> <li>sess Script, which will be activated on user valid entry</li> <li>ction, were various menu function is selected. The 'Menu Clist' tionally controls access to the RAS Menu.</li> <li>allows entry to all RAS Menu Function, independent of any other selection</li> <li>Allows entry to Display Menu Area status</li> <li>Event history</li> <li>Output status</li> <li>Allows entry and control to Input.</li> <li>Display unsealed Inputs</li> <li>Display isolated inputs</li> <li>Display bypassed Inputs</li> <li>Isolate Input</li> <li>Cancel Duress</li> <li>Service Request</li> </ul>
<ul> <li>ction, were various menu function is selected. The 'Menu Clist' tionally controls access to the RAS Menu.</li> <li>allows entry to all RAS Menu Function, independent of any other selection</li> <li>Allows entry to Display Menu Area status</li> <li>Event history</li> <li>Output status</li> <li>Allows entry and control to Input.</li> <li>Display unsealed Inputs</li> <li>Display isolated inputs</li> <li>Display isolated inputs</li> <li>Display bypassed Inputs</li> <li>Isolate Input</li> <li>Cancel Duress</li> <li>Service Request</li> </ul>
allows entry to all RAS Menu Function, independent of any other selection Allows entry to Display Menu Area status Event history Output status Allows entry and control to Input. Display unsealed Inputs Display alarmed Inputs Display isolated inputs Display bypassed Inputs Display bypassed Inputs Service Request
Allows entry to Display Menu Area status Event history Output status Allows entry and control to Input. Display unsealed Inputs Display alarmed Inputs Display isolated inputs Display bypassed Inputs Solate Input Cancel Duress Service Request
Allows entry and control to Input. Display unsealed Inputs Display alarmed Inputs Display isolated inputs Display bypassed Inputs Isolate Input Cancel Duress Service Request
Isolate Input Cancel Duress Service Request
Insert user <i>(add new user, pin and allocates user to User Group)</i> Change User (change existing user pin and allows changes to allocate user to different User Group) Delete Register New Card
Change Pin
Change Holidays Set Time and Date
Test Output Test Door Test Dialler Test Securitel
Bypass Input LCD Contrast Show Card Unit On/Off Dialler On/Off Securitel On/Off Modem On/Off
Used with Front End software, allowing user for normal operation, Used with Front End software, allowing operator to have access to all programming functions, and PC Master function are available only for software supplied by

Suspend Group Users: W	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.
Purpose:	Programs or changes user information.

User List Selection (User 00102) User 102 User User Name User 102 User Pin Number September 04, 2003 Eurice Dista
Image: Constraint of the second distribution of the second
User User Name User 102 User Pin Number Access Acce
User Name User 102 User Pin Number *****
User Pin Number
- Eupire Date
Allow Pin Duress Code
Card Number 12344
Card Site Code 122 Expire Time
Card Format 00:00:00
Type 001] 26 Bits
Azone 0 [Group 1] Group 1
Program Batch of CARDS Edit Group
Notes Delete User Save Exit

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. <i>Please note: This Button is visiable ONLY, when User above 101 is selected</i> <i>and includes Card number and Group function programmed.</i>	

When selected, the following Dialog box will be displayed:

Card Bulk Programming	g Menu
Default User Name	Card
Starting Card Number	1
Ending Card Number	2
Generate	Exit

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:	<i>rd Number:</i> 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.

# genesis

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 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.

Technician Software Ver 2.0/	/G [January 2002] [Da	ataFile = Genesis.dat] - Genesis	- 🗆 ×
Genesis View Equipment Menu	Technician Clocks Use	r Misc Access Help Connect Events	
R 🕂 🐙 😒 💦 📕	DataBase Status 🔸		
<u>" 87 87 80 1 8</u>	Program 🕨 🕨	System	
	Control •	Device  Program Inputs	
	Test Menu 🕨 🕨	Program Outputs 🕨	
	System Info 🔹 🕨	Dialler/Modern/Siu  Flags Flag	
	Export File	User  Variables	
	Edit Error Codes	Device Port Program RAS Text Mag	
		Program Azone	
	_		
[04-04][20:02:21] Loading Data File [G\build80\Genesis.dat] [04-04][20:02:21] Database File Loaded G\build80\Genesis.dat (Version=2.Build=1.0.5)			
Program Comm Text Messages		NU	M

### **Program Comm Text messages:**

Purpose:	Programs Text message for TEXT Comm Port.
<b>Description</b> :	See script manual, 'SEND COMM MESSAGE'

 Program Text

 Selection

 Image: Image Ima

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'

Program Text	
Selection [Me	ssage 001] Message 1 💌 😕
Name	Message 1
_ Text	
First Line	Hello Geoff
Second Line	Hello John
Save	Exit

Name: Local name of the Message

Selection: Selection list of available Text messages.

Text:

First Line:TEXT Message, allowing up to 15 characSecond Line:TEXT Message, allowing up to 15 charac		TEXT Message, allowing up to 15 characters to be selected. 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:**

Programs external device Communication port for various functions.

**Description**:

**Purpose**:

Program Communication Port		
Device Li	st [Device 2] TDC Controller	• >>
Port-	[CommPort 001]	•
Name	TDC 1 Comm	
Driver	Text Output Device	•
_ Baud Rat	e	
	9600 Bps	•
Save	•	Exit

**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: Description:

Programs Name to internal flags.

_@  ╩┖ (~@  < _@  ■</th <th>DataBase Status</th> <th></th> <th></th>	DataBase Status		
[[] [ ? ] ? ] ? [ ] [ ]	Program	System 🔸 🖓 🤨 😼 🔛 🛄 🕼 🕇 💭 💼 📃	
	Control	Device  Program Inputs	
	Test Menu	Program Outputs 🔸	
	System Info	Dialler/Modem/Siu  Flags Global Flag Names	
	Export File	User   Variables Input Flags	
	Edit Error Codes	Device Port Program RAS Text Msg Output Flags	
		Holidays   Program Comm Text Msg User Flags	
		Program Azone Area Flags	
		Group Hags	
		Door riags	
[04-04][20:02:21] Loading	e Data File [G\huild	RNGenesis dat]	
[04-04][20:02:21] Databa	se File Loaded G:\b	uld80\Genesis.dat (Version=2.Build=1.0.5)	

## Program Global Flag names:

Purpose: Description: Programs Names of global flags.

Program Global Flag	is Names
Global Flag << [Flag 00	1] Flag 1 💌 >>
Name Flag 1	
Save	Exit

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.

Input Flags	
System << [In	put 001] Inp=1
Flags	
	Input Flag 1:1
	Input Flag 1:2
2	Input Flag 1:3
3	Input Flag 1:4
4	
5	Input Flag 1:5
6	Input Flag 1:6
7	Input Flag 1:7
<u> </u>	Input Flag 1:8
8	
Save	Notes

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.

Output	Flags		
Syste	em < [Outj	put 001] Op=1	<b>•</b> >>
_ F	lags —		
	_	Output Flag 1:1	
	1	Output Flag 1:2	
	2	Output Flag 1:3	
	3	Output Elag 1:4	
	4		
	5	Output Flag 1:5	
	6	Output Flag 1:6	
	- 7	Output Flag 1:7	
	-	Output Flag 1:8	
	8	,	
Sa	ave	Notes	Exit

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**:

User Flags	
System [U	ser 001] Geoff 🛛 💽 💛
Flags-	
1	User Flag 1:1
	User Flag 1:2
2	User Flag 1:3
3	User Flag 1:4
4	User Flag 1:5
5	User Elag 1:6
6	
7	
8	User Flag 1:8
Save	Notes

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.

Area Flags	
System [A	rea 001] Area 1 💌 😕
Flags-	
	Area Flag 1:1
	Area Flag 1:2
2	Area Elag 1:2
3	
4	Area Flag 1:4
-	Area Flag 1:5
5	Area Flag 1:6
6	
7	Area Flag 1:7
	Area Flag 1:8
8	
Save	Notes

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.

Door Flags	
System [Do	oor 001] Door=1 >>
Flags	
	Door Flag 1:1
	Door Flag 1:2
2	Door Flag 1:3
3	Door Flag 1:4
4	Door Flag 1:5
5	Door Flag 1:6
6	Door Flag 1:7
7	Door Flag 1:9
8	
Save	Notes

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**:

Group Flags	
System	Group 001] Master Group 1 💌 🛛 >>
- Flags-	
4	Group Flag 1:1
	Group Flag 1:2
2	Group Flag 1:3
3	Group Flag 1:4
4	Group Flag 1:5
5	Group Flag 1:6
6	Group Flag 1:7
7	Group Flag 1:9
8	Gloup Flag 1.6
Save	Notes

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**:

Program Text
Selection       Variable 001
Name Variable 1
Save Exit

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 t	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.

<b>Option</b> :	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 Data to Genesis Dialog	
Download Data	
All Data will be	downloaded
Download	Exit

# 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:

🖀 Technician Software Version 3.0/A [DataFile = demo.dat] -	- D ×
Genesis View Equipment Menu Technician Clocks User Misc Access Help Connect Events	
Save  Save DataBase	
[04-09][12:34:45] Loading Data File [D:\build80 v2\Default80.ref]	
[04-09][12:34:45] Database File Loaded D:\build80 v2\Default80.ref (Version=2.Build=1.0.6-6)	
[04-09][12:34:46] Default Script Database File has been Loaded D::build80 v2/Dialler.ref (Version=1.Build=1.1.1-1)	
Save Data base to Disk	M ///

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

Save As		<u>?</u> ×
Save jn: 🔂	build80 v2	- 🖬 📩 🖬 -
Debug Files Release RES a cardtest Clayco	ه Genesis ه home ه jhtst ه kane ه Nestle ه new	PPAS Type: DAT File Size: 2.31 MB III III III III III III III III III I
File <u>n</u> ame:	demo	Save
Save as <u>t</u> ype:	Genesis Files (*.dat)	Cancel

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 🗑 Technician Software Ver 2.0 Gomez 80 [January 2002] [DataFile = Genesis.dat] \_ 🗆 × Genesis View Eguipment Menu Technician <u>Clocks</u> <u>U</u>ser <u>Misc</u> <u>A</u>ccess <u>H</u>elp Connect Events Toolbar ¢¥ 6 ┌┨╗ ф S 8 Crip Status Bar ବୃ 高台 ę 2 [19-02][20:05:48] Loading Data File [Genesis.dat] [19-02][20:05:48] Database File Loaded Genesis.dat (Version=2.Build=1.0)

Show or hide the toolbar

#### Display without Toolbar and Status Bar.

🔚 Techi	nician	Software ¥er 2.0	Gomez 80	[Janua	ry 200	02] [Da	ataFile =	= Gene	sis.dat] -	<u>- D ×</u>
<u>G</u> enesis	⊻iew	Eguipment Menu	Technician	⊆locks	<u>U</u> ser	<u>M</u> isc	<u>A</u> ccess	<u>H</u> elp	Co <u>n</u> nect	Events
[19-0	021620	):05:48] Loading	Data File	[Genes	is.dat	1				
[19-0	)2][20	:05:48] Databas	e File Loa	ded Ge	nesis.	, dat (1	/ersion=	=2.Bui	ld=1.0)	
-		-								

ഷ്

NUM

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

Sample



# Auto Program

🔚 Technician Software Ver 2.0 Gomez 80 [January 2002] [DataFile = Genesis.dat] 💶 🔲 🗙				
Genesis View Equipment Menu Technician Clocks User Misc Access Help Connect Events				
Auto Program         Add New Device         Set System Defaults				
[19-02][20:05:48] Loading Data File [Genesis.dat] [19-02][20:05:48] Database File Loaded Genesis.dat (Version=2.Build=1.0)				
Add/Remove Device, System Data				

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.

Genesis		X
⚠	Master F All DATA Do you v	Panel Programmed. Will be erased. Want to continiue ?
	(es	No

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.

Program System Data		×
	genesis	
Number of	Inputs on Master 16	
	< Back Next > Cancel	

Enter number of Expanders in the System:

Program System Data genesis	×
Number of Expanders	
< Back Next > Cancel	

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

Program Sy	rstem Data	×
	genesis	
		_
	Number of Inputs on Expanders	
	allest Durity Const	1
	< Back Next > Lancel	J

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:

Program System Data	×
genesis	
Number of Ras's 1	
< Back Next > Canc	el

Number of TDCs in the system:

Program System Data genesis	×
Number of Two Door Controllers	
< Back Next > Cance	el



Number of OC's in the system:

Program System Data	×
Number of Open Collector Controllers	
< Back Next > Cancel	

Number of Areas in the system:

Program System Data genesis	×
Number of AREA's h	
< Back Next > Canc	el

Number of Clocks in the system:

Program System Data	<u>&lt;</u>
genesis	
Number of Clocks 1	
< Back Next > Cancel	



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:

icript Dialog Box	<u>&gt;</u>
- Script List	Name E/E Script
Script Type Input Area Clock Door Alarm Alert	Access Control Local Global Spare
Script Commands	Script Functions 🔽 Script Write Protect
ALARM OFF ALARM ON BYPASS OFF BYPASS OFF BYPASS ON CLEAR THIS INPUT FLAG, flag ELSE ENDIF IF ACCESS IF ALARM ON IF BYPASSED IF ENABLED IF INPUT EVENT ON ACCESS IF INPUT EVENT ON ACCESS IF INPUT EVENT ON ACCESS IF INPUT EVENT ON ACCESS IF INPUT EVENT ON BYPASS OFF IF INPUT EVENT ON ISOLATE IF INPUT EVENT ON ISOLATE IF INPUT EVENT ON SEAL IF INPUT EVENT ON SEAL IF INPUT EVENT ON SEAL IF INPUT EVENT ON TAMPER IF INPUT EVENT ON TIMER EXPIRE IF INPUT EVENT ON UNSEAL	IF INPUT EVENT ON ACCESS STOP THIS INPUT TIMER,1 [LOCAL TIMER] STOP THIS INPUT TIMER,2 [LOCAL TIMER] ISOLATE OFF ENDIF IF INPUT EVENT ON SECURE START THIS INPUT TIMER,1,60 ENDIF IF INPUT EVENT ON UNSEAL IF ACCESS RETURN ENDIF IF THIS INPUT TIMER ON,1 [TIMER] RETURN ENDIF IF THIS INPUT TIMER ON,2 [TIMER] RETURN ENDIF IF ALARM ON
Dially Codes 100 edical Alarm-Personal Emergency	ALARM ON
e Virite to File Exit	Notes Find Script
nter Dialler Client ID followed y 'Update ALL Client Dialler y's' button	

## Technician Database Status:

### Send Dbase Online:

## Send Dbase Offline:

冒 Technician Software Ver 2.2/E [DataFile = Genesis.dat] - Genesis	
Genesis View Equipment Menu Technician Clocks User Misc Access Help Connect Events	
Rend DataBase Status → Send Dbase OnLine	
- 「 愛 ? 愛 ? 」 愛 · 」 「 運 Program · Shut Down System · Shut Down System	
[17-07][22:39:22] TX:Eol Control Generate Reset	
[17-07][22:39:22] RX:AC] Erase All (Panel)	
[17-07][223922] 1XCID action and an	
[17-07][22:39:22] TX:Dial [17-07][22:39:22] TX:Dial [19:07][22:39:22] TX:Dial [Export File	
[17-07][22:39:22] TX:Siu Gate Error Codes [17-07][22:39:22] TX:Siu Gate more	
[17-07][22:39:22] RX:ACK =0,[0-OK,]	
[17-07][22:39:22] TX:DBMODE OnLine	
[17-07][22:39:22] RX:ACK =0,[0-OK,]	
	NUM //

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 <b>ONLY</b> after the Database has been selected into off-line mode only.

### **Control Device:**

🖀 Technician Software Version 3.0/A [DataFile = Genesis.dat] -						
Genesis View Equipment Menu	Technician Clocks	User Misc Access Help Connect Events				
🗠 🚬 😓 💷	DataBase Status					
<u> </u>	Program					
	Control	Control Device				
[04-09][16:07:41] Lo	Test Menu	Buzzer Control Control Script sis dat				
[04-09][16:07:41] Da	System Info	Pin and Card control enesis. dat (Version=2.Build=1.0.7-7)				
[04-09][16:08:37] Sta	File options	Dialler Control				
04-09][16:08:38] TX	Edit Error Codes	rests, rane-1				
[04-09][16:08:38] 000	):Communicati	ion to Panel RESTORED				
[04-09][16:08:38] RX:Status Panel=1 Map=c0,Users=403,Units=2,Areas=1,Doors=1						
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.

Dialog	
- Device List	
[Device 003] Ras 1	
🔿 Enable	Disable
Exit	

Note:

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

### **Buzzer Control:**

🖹 Technician Software Version 3.0/A [DataFile = Genesis.dat] -					
Genesis View Equipment Menu Technician Clocks User Misc Access Help Connect Events					
[04-09][16:07:41] Lo Control  Control Device sis.dat]					
[04-09][16:07:41] Da Test Menu Buzzer Control enesis.dat (Version=2.Build=1.0.7-7)					
[04-09][16:08:37] Stz Control Script					
[04-09][16:08:38] T2 System Into Pin and Card control					
[04-09][16:08:38] 00 File options Securited Control RED					
[04-09][16:08:38] R2_Edit Error Codes pyrap=cu, Users=4u3, Units=2, Areas=1, Doors=1					
[04-09][16:09:33] TX:CONTROL Unit=1, Disable [0]					
[04-09][16:09:33] RX:ACK =406,[406-Cannot change MU,]					
Buzzer Control					

Buzzer Control:

Test Device Buzzer	
Device [Device 001] Master 1	<b>_</b>
Control	
Time	10
Update	Exit

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.

## **Control Script:**

🖀 Technician Software Yersion 3.0/A [DataFile = Genesis.dat] -				
Genesis View Equipment Menu Technician Clocks User Misc Access Help Connect Events				
[04-09][16:07:41] Lo Control Device sis.dat]				
[04-09][16:07:41] Da Test Menu Buzzer Control enesis.dat (Version=2.Build=1.0.7-7)				
[04-09][16:08:37] Sta				
[04-09][16:08:38] T> System Info Pin and Cara control Pin and Cara contr				
[04-09][16:08:38] 00 File options Securited Control ED				
[04-09][16:08:38] R3_Edt Error Codesvrap=co, Users=403, Units=2, Areas=1, Doors=1				
[04-09][16:09:33] TX:CONTROL Unit=1, Disable [0]				
[04-09][16:09:33] RX:ACK =406,[406-Cannot change MU,]				
Sends Control script command to Genesis system NUM				

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.

Script Control					
Script	[Script 21] Script 021	•			
	Variable	1			
	Send Command	Exit			

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.



### **Pin and Card Control:**

📕 Technician Software Version 3.	0/A [DataFile = G	enesis.dat] -	_ D ×		
Genesis View Equipment Menu Te	chnician Clocks U	ser Misc Access Help Connect Events			
	DataBase Status 🔸				
<u> </u>	Program 🕨				
[04-09][16:07:41] Lo	Control 🕨 🕨	Control Device sis.dat			
[04-09][16:07:41] Da	Test Menu	Buzzer Control enesis.dat (Version=2.Build=1.0.7-7)			
[04-09][16:08:37] Sta		Control Script			
[04-09][16:08:38] T2	System Info 🕨	Pin and Card control			
[04-09][16:08:38] 00	File options	Securitel Control RED			
[04-09][16:08:38] RJ	Edit Error Codes	pyrap=cu, users=403, Units=2, Areas=1, Doors=1			
[04-09][16:09:33] TX:C	[04-09][16:09:33] TX:CONTROL Unit=1, Disable [0]				
[04-09][16:09:33] RX:ACK =406,[406-Cannot change MU,]					
P					
Control Pin and Card Reader function					

Pin and Card Control:

Card & Pin (	control				
Device	evice [Device 002] Ras 1				
F	Reader	[Reader 1]	T		
C	Control	Normal			
Update	•		Exit		

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

🖀 Technician Software Ver 2.0 Gomez 80 [January 2002] [DataFile = Genesis.dat] - Genesis							
Genesis View Equipment Menu	Technician Clocks	Us	er Misc Ac	ce	ss Help Connect Ev	vents	
_ ╔   ╩┰ (←ฅ) ՀՎ –Ջ 💻	DataBase Status	۲		6	പപ്പെക	4 继 💁 🖉 🛵 🛌 📼	
<u>```` ??` ?`\ ?• U`  ?</u>	Program	۲		H	ि 🛯 🖥 🖓 🥵 🖬		
[03-03][14:17:07] TX:Info	Control	۲	20				
[03-03][14:29:18] TX:Info		7	bn i i	T		d.	
[03-03][14:29:21] TX:Info	Test Menu	-	Device •		Master/Expander		
[03-03][14:34:36] TX:Info	System Info	•	Input 🕨	•	Ras		
[03-03][14:35:25] TX Info		_	Output 🕨	Ľ	OC and TDC		
[03.03][14:35:39] TV:Info	Export File		Area 🕨	·T			
	Edit Config File		User 🕨	•			
[03-03][14:30:17] 1.X:Info	Edit Error Codes		Clock 🕨	•			
ļ			Door 🕨				
			Flags 🕨	·			
Test MU & EU Devices	Test MU & EU Devices						

# Device Test (MU & EU)

Purpo	ose:	Allows technician to display status of the device.					
Descr	ription	Help	s technicia	n to	view status of in	dividual o	levices.
	Dialog					×	
	D	evice	[Device 1]	Mas	ster 1 💌		
		Unit	1		Build 47		
	<b>V</b> (	OnLine			Fuse 1 Faulty Fuse 2 Faulty		
	E V N	Battery Lü Mains Fai	)W lure		SIR1 Output Fuse SIR2 Output Fuse STB1 Output Fuse	Faulty Faulty Faulty	
	<b>I</b> (	Cabinet T	amper		STB2 Output Fuse	e Faulty	
	Scrip	ot 11		•	Enable		
		Update			Exit		

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 Fault	y:			
	Active when SIREN 1 Fuse is faulty.			
SIR 2 Output Fuse Fault	y:			
	Active when SIREN 2 Fuse is faulty.			
STB 1 Output Fuse Faul	ty:			
	Active when STROBE 1 Fuse is faulty.			
STB 2 Output Fuse Faul	ty:			
	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: A	Allows technician to di	isplay status of the device.
------------	-------------------------	------------------------------

**Description**: Helps technician to view status of individual devices.

Display RAS Status	
Cevice [Device 2] Ras 1	• »
Control Unlock	 Update
_ Status	
Unit 2	🔽 OnLine
Build 47	Battery LOW Duress is Active
Script 11	<ul> <li>RAS is Locked</li> <li>Cabinet Tamper</li> <li>Enable</li> </ul>
	Becai
	Exit

Device List	List of available RAS's in the system.		
Control:	List of available commands.Available commands are:UnlockUnlock RASLockLock 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.

Display OC/TDC Status	×
Cevice Cevice 3] TDC 1 Status	<b>•</b> >>
Unit 3 Build 47 Script 11	<ul> <li>✓ OnLine</li> <li>Battery LOW</li> <li>Cabinet Tamper</li> <li>✓ Enable</li> </ul>
Recall	Exit

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

Technician Software Ver 2.0	Gomez 80 [Janua	ry 2	2002] [DataFile = Genesis.dat] - Genesis	
Genesis View Equipment Menu	Technician Clocks	Us	Jser Misc Access Help Connect Events	
←∎ Հ≮ ■	DataBase Status	•		
<u> </u>	Program	۲		
[03-03][14:29:18] TX:Info	Control	►	. 20	
[03-03][14:29:21] TX:Info	Test Menu	•		
[03-03][14:34:30] 1.X:Info [03-03][14:35:25] TV:Info	Custom Tafa		Input  Input ADC Status	
[03-03][14:35:39] TX:Info	System Inro	_	Output 🕨 Input Table	
[03-03][14:36:17] TX:Info	Export File		Area 🕨	
[03-03][14:36:57] TX:Info	Edit Config File		User 🕨	
[][]	Edit Error Codes	_		
			Elean N	
Get Input ADC status from Panel				1.

# Input ADC Status:

**Purpose**: Allows technician to display status of the inputs.

**Description**: Helps technician to view status of individual devices.

Device-	Repeat Duration	Course of Descent	
[Device 1] Master 1		Suspend Repeat	
	IO Expander		
Input 1 - 8 Input 9	9 • 16 Input 17 • 24	Input 25 - 32	Tamper
1		25	Battery
2		26	
3	19 19	27	Fuse 2
4	20	28	Siren 1
5	21	29	Siren 2
6 14 14		30	Strobe 1
7	23	31	Strobe 2
8 8 16 16	24	32	Mains
		Exit	

**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 inj	formation 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	ne inputs.
----------	--	------------

**Description**: Helps technician to view status of individual devices.

Input status Dialog Bo	×	
Input (Input 001, Uni	it=1,Node=1]Inp	=1 💌 >>
Unit 1	Node	1
EOL List 2	Areas	0
Script 1		Control
<ul> <li>Sealed</li> <li>Unsealed</li> <li>Alarm</li> <li>Tamper Alarm</li> <li>Isolated</li> <li>Bypassed</li> <li>In Access</li> <li>Ignore Unsealed</li> </ul>	<ul> <li>Flag 1</li> <li>Flag 2</li> <li>Flag 3</li> <li>Flag 4</li> <li>Flag 5</li> <li>Flag 6</li> <li>Flag 7</li> <li>Flag 8</li> </ul>	Reset Isolate ON Isolate OFF Bypass ON Bypass OFF
Recall		Exit

Input:

List of available inputs in the system.

Unit: Node: EOL List: Areas: Script:	Device where this input is assigned. Node of the Device where this input is assigned. EOL assigned to this input. Number of Areas in Access where this input is programmed. Script number allocated to this input.
Sealed, Unsealed, Alarm	, Tamper Alarm, Isolated, Bypassed, In Access
Ignore Unsealed Flag 1 – 8:	Status of the Ignore Unsealed Flag 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**

📕 Technician Software Version 3.0/A [DataFile = Genesis.dat] -	1×		
Genesis View Equipment Menu Technician Clocks User Misc Access Help Connect Events			
[04-09][16:07:41] Lo Control > D:\build80 v2\Genesis.dat]			
[04-09][16:07:41] Da Test Menu  November 180 v2\Genesis.dat (Version=2.Build=1.0.7-7)			
[04-09][16:08:37] Statistical Input			
[04-09][16:08:38] T2 System Into Output Output Output Test			
[04-09][16:08:38] 00 File options Area Get Outputs			
[04-09][16:08:38] R5_Edt Error Codes_User Fsers=403, Units=2, Areas=1, Doors=1			
[04-09][16:09:33] TX:CONTROL UI			
[04-09][16:09:33] RX:ACK = 406,[40 $Clock$ , hange MU,]			
Output Test NUM			

0	ut	put	Test

	Purpose:         Allows technician to test output.
	<b>Description</b> : Tests programmed output in the system.
	Output Test         Output         <       [Output 001][U=1][N=1] Op=1         Action         [Command 001] OUTPUT OFF         Duration Time         Update       Exit
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 ( <i>Provision for future</i> ) Command 6 = TONE 2 ( <i>Provision for future</i> )
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. <b>Time be set to any value between 0 – 65535.</b> If value entered is outside valid entry, the following dialog box will be displayed and command will be ignored. <b>Genesis</b> Time Value out of Range OK
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

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

Output Status Dialog		
Output [Output 1, Unit=1, Node=1] Duress Stro >		
Output 1		
Unit 1 Node 1		
Status [Command 001] OUTPUT OFF		
Remaining Time		
0 Seconds		
Update Exit		

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



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



### Area Control:

Area << [Area 001] Area 1 >	>
AREA Control O Reset O Access O Secure	
r Area Status	
Area 1 In Access Flag 1 In Alarm Flag 2	
Script 7 In Tamper Flag 3	
Unsealed   Flag 4	
Bupassed Elag 6	
Recall Flag 8	
Exit	

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: In Tamper: Unsealed: Isolated:	This box is selected, if Area presently in Alarm condition This box is selected, if Area presently in Tamper alarm, This box is selected, if any inputs in this Area are in unsealed status, 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 Info	
User User 001] Geoff	<b>•</b> »
Status User 1 Azone 1	<ul> <li>Pin change required</li> <li>Expired</li> <li>Suspended</li> <li>Allow Duress</li> </ul>
	Exit

User List: List of existing users in the system,

#### Status:

	User:		User Number of requested user
	Azone:		Present value of User Azone,
	Pin change requir	red:	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,
<b>Recall</b> :		Press thi	s Button to retrive present status of selected User
Exit:		Exits thi	s menu,

# **Group Test**



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

Group Info
Group Group 001] Master Group 1 >>
Status Group 1 Script 14
Flags

Group List: Selection of existing User Groups

Status:

	Group: Script: Suspended: Flags 1 – 8	Requested Group number Script assigned to this Group This box is selected, if Group suspended 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.

Technician Software Version 3.0/A [DataFile = Genesis.dat] -	
Genesis View Equipment Menu Technician Clocks User Misc Access Help Connect Events	
[04-09][16:07:41] Lo Control D:\build80 v2\Genesis.dat]	
[04-09][16:07:41] Da	
$[04-09][16:08:38] T \xrightarrow{\text{System Info}} \text{output} \Rightarrow l=1$	
[04-09][16:08:38] 00 File options Area RESTORED	
[04-09][16:08:38] RZ Edit Error Codes User Treers=103 IInjts=2, Areas=1, Doors=1	
[04-09][16:09:33] TX:CONTROL UI	
[04-09][16:09:33] RX:ACK =406,[40 Hags hange MU,]	
Door Control NUM	

**Door Control**:

Door Control
Coor [Door 1] Door=1 >>
Action
[Action 001] Secure Door
Update
Status
Door 1 Unit 3 Node 1
Mode [Action 001] Secure Door
Script T3 Bypassed Open Tamper DOTL Alarm C Log Events Forced Alarm
- Flags
Exit

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 <i>not</i> 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,
<b>Forced Alarm</b>	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



Description: Technician Control and Status display of selected Flag.

🖥 Technician Software Version 3.0/A [DataFile = Genesis.dat] -		
Genesis View Equipment Menu Technician Clocks User Misc Access Help Connect Events		
_ P M + + + + + P = DataBase Status + □ = P → A A + + + + + + + + + + + + + + + + +		
[04-09][16:07:41] Lo control > D:\build80 v2\Genesis.dat]		
[04-09][16:07:41] Da Test Monu Example 180 v2\Genesis.dat (Version=2.Build=1.0.7-7)		
[04-09][16:08:37] Sta		
[04-09][16:08:38] T2		
[04-09][16:08:38] 00 File options Area RESTORED		
[04-09][16:08:38] R3_Edit Error CodesUser Jsers=403,Units=2,Areas=1,Doors=1		
[04-09][16:09:33] TX:CONTROL UI		
[04-09][16:09:33] RX:ACK =406,[40 dock Area J,]		
Group		
Input		
Global Flags Output:		

Test Flags:

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

Example of Global Flag Dialog box

Test Flags	
System Flag [Global 001] Flag 1</td <td>&gt;</td>	>
Flag	
Control [Flag Off]	
Update	

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


### Example of Area Flags

Test Flags		
System FI	ag [Area 001] Area 1	<b>•</b> >>
Flag	[Flag 001]	•
Control	[Flag Off]	•
Updal	ie	Exit

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.

🔄 Technician Software Version 3.0/A [DataFile = Genesis.dat] -				
Genesis View Equipment Menu Technician Clocks U	ser Misc Access Help Connect Events			
🕞 📇 🔫 式 🖓 💶 DataBase Status 🕨				
Program				
[04-09][16:07:41] Lo Control	D:\build80 v2\Genesis.dat]	D:\build80 v2\Genesis.dat]		
[04-09][16:07:41] Da Test Menu	d D:\build80 v2\Genesis.dat (Version=2.Build=1.0.7-7)			
[04-09][16:08:37] Sta	- i14 Q			
[04-09][16:08:38] T2 System Info	System Info			
04-09 16:08:38 00 File options	System Map DRED			
04-09116:08:381 R	Joseph Request 103.Units=2.Areas=1.Doors=1			
[04-09][16:09:33] TX:CONTROL Ut Report Database				
[04-09][16:09:33] RX:ACK =406.[40	SIU Status MTU.]			
[	Dialler status			
Display system Information				

# **System Information**

Purpose: Displays system programming information

**Description**: Tests programmed output in the system.

S	ystem Information
	Comms Buffer Size 16384 Total MU's in the system = [1] Total EU's in the system = [0] Total RAS's in the system = [0] Total TDC's in the system = [1] Total OC's in the system = [0] Total Door's in the system = [0] Total User's in system = [4] Total Groups in system = [1] Total Areas in system = [1] Total Scripts in system = [2] Total Timers in system = [1] Total Holidays in system = [1]
	Save to File

# **Input Test Dialog**

Purpose: Alle

Allows walk test to unsealed or alarmed inputs

Description:

Input Test Dialog		
Area List Type	All Areas Unsealed Inputs	<b>•</b>
[Sector 1]   [Sector 2]   [Sector 3]   [Sector 4]   [Sector 5]   [Sector 6]   [Sector 7]   [Sector 7] [Sector 10] [Sector 10] [Sector 11] [Sector 12] [Sector 13] [Sector 14] [Sector 15] [Sector 16] [Sector 17]	np=1 np=2 np=3 np=4 np=5 np=6 np=7 np=8 np=9  Inp=10  Inp=11  Inp=12  Inp=13  Inp=14  Inp=15  Inp=16  Inp=18	
Start Tes	st	Exit

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

Report Dialog	
Constate Perset	
	EXIC

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**

🖬 Tech

 Purpose:
 Display information for the Securitel device,

 Description:

 nician Software Version 3.0/A [DataFile = Genesis.dat] 

 View Equipment Menu Technician Clocks User Misc Access Help Connect Events



Once selected, the following Dialog will be displayed:

Se	curitel Info	
	SIU Info	
	SIU Disable	
	SIU On Line	$\checkmark$
	Common duress	
	Common alarm	
	Common Device Off Line	
	Common Tamper	
	Common Mains Fail	
	Common Low Battery	
	Common Input Isolated	
	Any Area In Access	
	Siu Restarted	
	Status Data 1	
	Status Data 2	
	Status Data 3	
	Update	Exit

#### Update:

Retrive information about the Securitel device,

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

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

- U ×

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:	on 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:	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.

🔚 Technician Software Versio	n 3.0/A [DataFile = G	enesis.dat] -	- D ×
Genesis View Equipment Menu	Technician Clocks L	ser Misc Access Help Connect Events	
	DataBase Status 🕨		
<u> </u>	Program 🕨		
	Control 🕨		
[04 00][17 00 00] T	Test Menu 🕨		
[04-09][17:22:02] Lo	System Info	$D_{1}$ $D_{1}$ $D_{2}$ $D_{2$	
[04-09][17:22:02] Da		d D:\build80 v2\Genesis.dat (Version=2.Build=1.0.7-7)	
[04-09][17:22:04] Sta	File options 🔹 🕨	Export File (Special)	
[04-09][17:22:05] TX	Edit Error Codes	Generate Defaut Script	
[04-09][17:22:05] 000:Communicatio			
[04-09][17:22:05] RX:Status Panel=1 Map=c0,Users=403,Units=2,Areas=1,Doors=1			
Import Default Script [Local,Dialler,Securitel,Custom]			

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

Create Default Script File			
Saves existing	g Scripts as		
C Local Script	C Securitel		
O Dialler	C Custom		
Save as	(Exit		

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.

冒 Technician Software Version 3.0/A [DataFile = Genesis.dat] -	- I ×	
Genesis View Equipment Menu Technician Clocks User Misc Access Help Connect Events		
Control ►		
Test Menu		
[04-09][17:22:02] Lo D:\build80 v2\Genesis.dat]		
[04-09][17:22:02] Da System Info d D:/build80 v2/Genesis.dat (Version=2.Build=1.0.7-7)		
[04-09][17:22:04] Sta File options  Export File (Special)		
[04-09][17:22:05] TS Edit Error Codes Generate Defaut Script		
[04-09][17:22:05] 000:Communicatio Import Default Script		
[04-09][17:22:05] RX:Status Panel=1 Map=c0,Users=403,Units=2,Areas=1,Doors=1		
Import Default Script [Local,Dialler,Securitel,Custom]		

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

Load Default Scripts		
Load Existing Defaut Script		
C Local Script	C Securitel	
<ul> <li>Dialler</li> </ul>	C Custom	
Load	(Exit	

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, 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, 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,

not used, provision for future

not used, provision for future

128-Area not allowed for this unit, 129-Card Contols one area, 130-Not allowed at this time, Error 131 - 149. 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. 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, 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, 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),

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not used, provision for future **Technician Manual** 

288-Invalid Script Text Message Type, Error 289 - 299, 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, 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. 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, 600-Gnome msg pool is empty, 601-Sneaky gnome detected, 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, 620-Cannot Isolate input while Secured, 621-Duress not registered, Error 622 - 699. 700-Area in required mode, 701-Area has no inputs assigned, 702-Area has unit offline, 703-Area has unsealed inputs,

not used, provision for future

not used, provision for future

not used, provision for future

not used, provision for future TOO Many messages received from LAN,

not used, provision for future

not used, provision for future

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

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