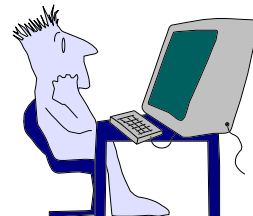




D8 Control Panel

Upload/Download Software



User Reference Manual



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November 1998 V1.0

To the best of our knowledge, the information contained in this manual is correct at the time of going to print. NESS Security Products Pty Ltd reserve the right to make changes to the features and specifications at any time and without notice in the course of product development.

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1.0 INTRODUCTION

The Ness Upload/Download software is a remote programming software package for the Ness D8 alarm control panel. The software is designed with user friendly features, which enables you to quickly and easily program the panel remotely via a modem connected to a telephone line. Ness Upload/Download is a software package that makes remote programming of your D8 Alarm a simple matter.

The user interface is designed with a modern graphical user interface which includes pull-down menus, pop-up windows and help facilities. It is a useful programmers tool because it eliminates the need for many "house-calls", and the need for specialized installers. When Ness Upload/Download establishes the modem (telephone) link with the Ness D8 Alarm Panel it will let you see the values programmed (or upload) for each function in the panel, or you can program all of the functions of the D8 panel (or download) from your computer.

The main menu is composed of a menu heading and the product title, as well as the status bar on the bottom. There are several commands that may be executed from each screen. These commands are listed on each screen. To execute a command, use the mouse and click it or move the cursor to the selected menu command and press <Enter>. The selected command will appear highlighted in the menu bar. If the cursor doesn't move when you press an arrow key, then press the <Num Lock> key and try the arrow keys again. If a command is executed by accident, press the <Esc> key to cancel the command. In a few cases, the escape key will not work. However, in such instances, you will be told what to do to cancel or abort the command.

1.1 SYSTEM REQUIREMENTS

In order to run Ness D8 control panel Upload/Download software, you need;

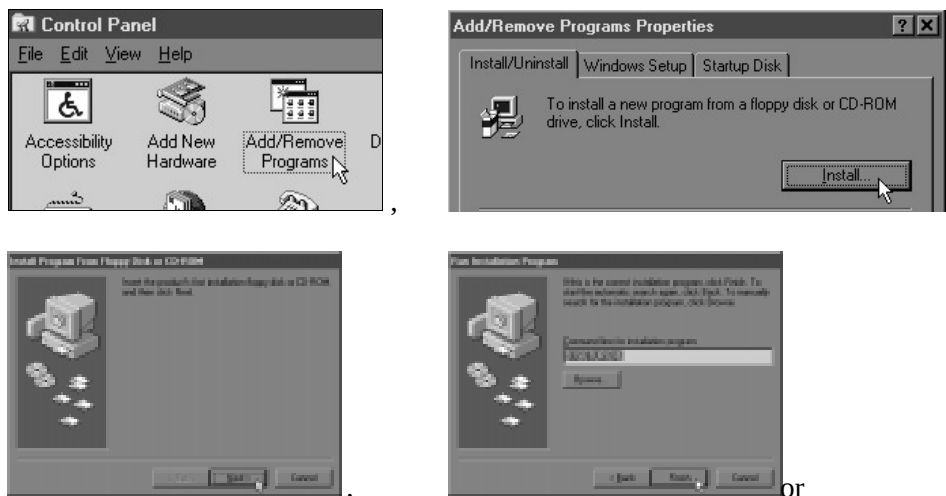
- Any IBM® - compatible computers with an 80486 processor or higher.
- A 3.5" floppy disk drive, CD ROM drive optional.
- A hard disk drive and minimum 8 megabytes of Ram free.
- A VGA colour screen.
- Windows 95 / 98.
- Mouse.
- A modem capable of V21 (300 baud) format. (Hayes Compatible).
- A modem cable to connect your PC's serial port to the modem.
- Ness D8 control panel Upload/Download software.
- A printer is optional but recommended.

1.2 INSTALLING UPLOAD / DOWNLOAD SOFTWARE

Before you install Ness Upload / Download software we suggest you create a backup copy of all the installation disks, or all files on the installation CD.

• TO INSTALL NESS UPLOAD / DOWNLOAD SOFTWARE

1. Start Microsoft Windows in standard or enhanced mode.
2. Insert the Ness D8 CD the drive or the disk labeled "Disk 1 - Setup" in drive then, .
3. From Windows 95 Control Panel, select Add / Remove Programs, choose Install, Next then Finish.



4. Follow the Setup instructions on the screen.

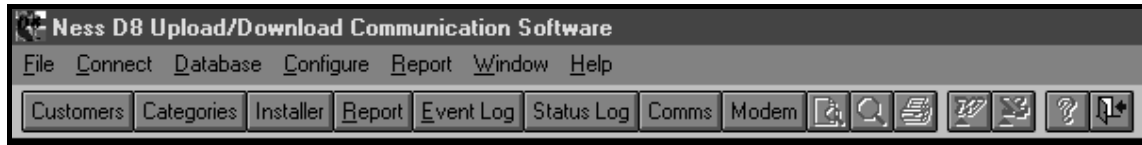
1.3 GETTING STARTED



- To start Ness D8 Control Panel Upload / Download software, simply double click the Ness D8 Control Panel Icon under Program Manager:

1.4 LOGO/MAIN SCREEN

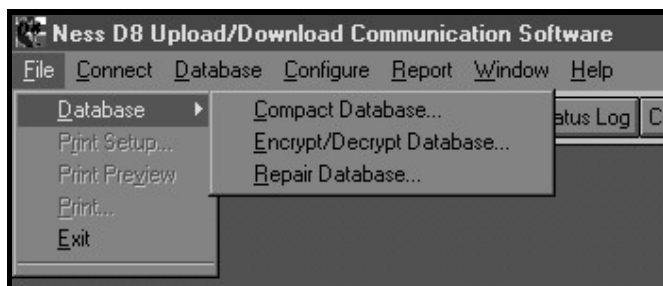
After you have double clicked on the Ness D8 Control Panel Icon and *logged on*, if required (refer section 4.4), you will see the logon screen which displays the title and version of Ness D8 Control Panel Upload/Download software.



The main menu is composed of a menu bar, tool bar, and the customer title as well as the status bar on the bottom. There are several commands that may be executed from each screen. These commands/buttons are displayed on each screen. To execute a command, select the menu command/button using the mouse and click it once. If a command is executed by accident, press the <Esc> key or Undo () button to cancel the command. In a few cases, the escape key will not work. However, in such instances, you will be told what to do to cancel or abort the command.

2.0 MENUS

2.1 File Menu



The File menu as shown above, gives you the ability to do the following: -

Compact Database - Used to compact/backup the database file (d8-db.mdb) when the database file gets too big.

Encrypt / Decrypt Database - Used to encrypt the database for storage and decrypt for restoring database (not usually required. Used only for security reasons).

Repair Database - If the database gets corrupted (e.g. power failure) then this command can be used to recover the database file.

Print Setup - Sets up the printer.

Print - Prints the current screen or form.

Exit - Exits the application.

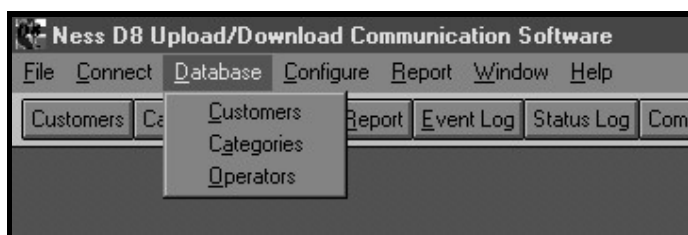
2.2 CONNECT MENU



The connect menu allows you to Download or Upload data from your selected Ness D8 Control Panel. Both commands will open the Customer Database. From this form you can display customer / alarm information as well as perform Upload / Download operations.

Refer to Section 6.0

2.3 DATABASE MENU



The database menu allows you to open one of three database screens / forms

- | | |
|---------------|---|
| 1) Customers | Opens Customers database.
Refer to 'Customer Database' section 5.0 |
| 2) Categories | Opens the Product Category Database |
| 3) Operators | Opens the Installer / Employee database
Refer to 'Installer / Employee Database' section 9.0 |

2.4 CONFIGURE MENU



The **System Hardware** menu allows you to configure the communication and modem parameters.
Refer Sections 4.1.1 & 4.1.2

The **Security** menu allows you to add, delete users as well as change the password.
Refer Sections 4.2

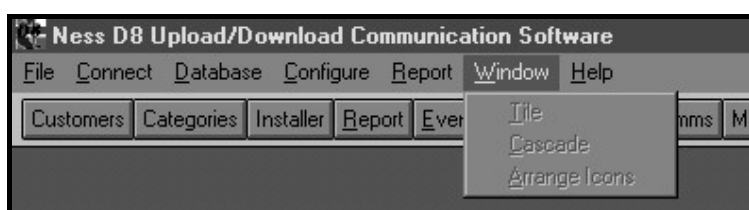
2.5 REPORT MENU



The **report** menu allows you to view the event log and view specific reports for information relating to a Ness D8 Control Panel / customer.

Refer Sections 8.0, 9.0 & 10.0

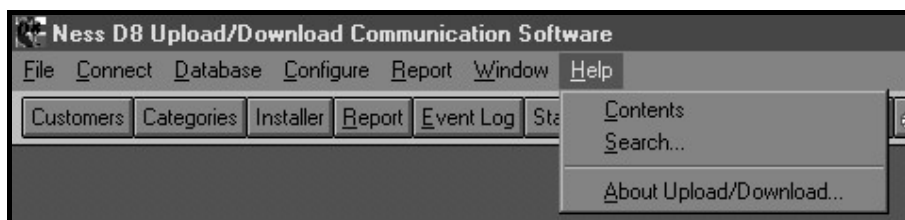
2.6 WINDOW MENU



The window menu allows you to

- 1) tile,
- 2) cascade, or
- 3) arrange icons for the active / open windows.

2.7 HELP MENU



This option provides various help information related to Ness D8 Control Panel.

You can get help anywhere by pressing F1 key or the help button. A table of contents will appear with help information.

Please note : *Early versions of D8 Up / Download software does not include help options.!*

3.0 TOOLBARS

When using a mouse, you can use toolbars for quick access to commonly used commands. When Ness D8 Control Panel upload / download software is first started, the standard toolbar is displayed just below the menu bar.

3.1 STANDARD TOOLBAR



There are several buttons/commands under the standard toolbar. These commands are summarized on the table as shown below:-

Button	Description
	To open the customers form for Database, Upload and Download operations.
	To open the product categories Database.
	To open the Installer / Employee Database.
	This option when selected will print a report on a specified customer / Ness D8 Control Panel.
	To display the event log.
	To display a full status log for all customers.
	To display or change the communication parameters.
	To display or change the modem settings.
	Print Preview.
	To zoom in or zoom out.
	To print.
	Publish database with Microsoft Word. You must have MS Word installed onto your system to use this option. When selected, a text file is created, a “Word” file is opened and the database can be published in MS Word.
	Analyze it with Microsoft Excel. You must have MS Excel installed onto your system to use this option. When selected your Excel file is opened and the database can be analyzed in MS Excel.
	Initiates the Help Menu.
	Exits application.
	

3.2 UTILITY TOOLBAR



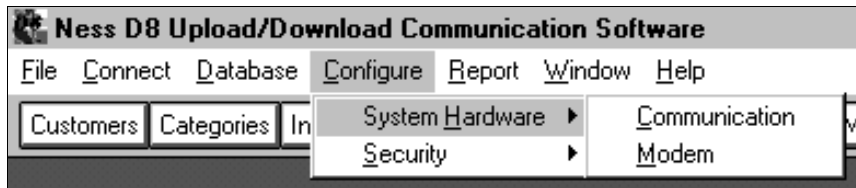
There are several buttons / commands under the utility toolbar. These commands are summarized on the table as shown below --

Button	Purpose	Button	Purpose
	Displays database in a Form View format.		Reverts to previous value in field or record.
	Displays database in a Data sheet View format.		Cuts the selection and puts it on the Clipboard.
	Adds a New Record to the database.		Copies the selection and puts it on the Clipboard.
	Goes to the First Record in the current database.		Inserts the clipboard contents at the insertion point.
	Goes to the Previous Record in the current database.		Finds specified text in the database.
	Moves to the Next Record in the current database.		Finds the next occurrence of the specified text.
	Goes to the Last Record in the current database.		Finds and replaces the specified text.
	Sorts database in ascending order .		Saves the current record to the database.
	Sorts database in descending order .		Closes current window.
	Undoes the most recent Change.		

4.0 SYSTEM CONFIGURATION

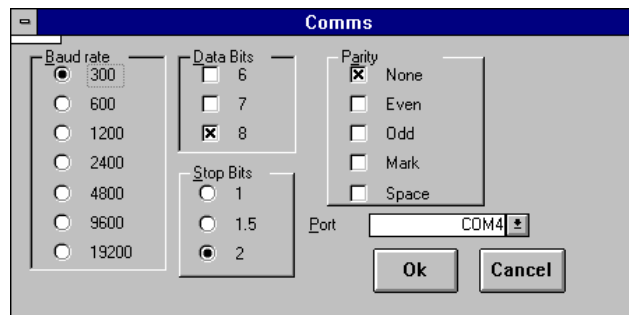
4.1 SYSTEM HARDWARE

4.1.1 COMMUNICATIONS

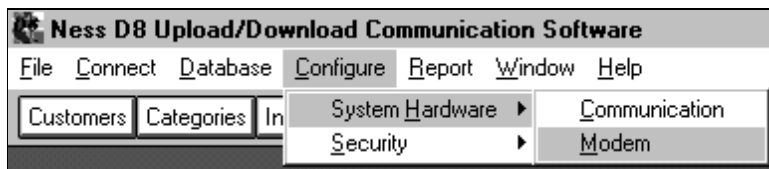


The Communications Parameters command is used for setting up communications. This should not need changing except for setting the Communications Port your modem is connected to. (Refer to your modem installation manual for more information on your modem.)

(NOTE : The standard settings as supplied by Ness very rarely require changing, caution must be taken if you are changing these commands.)



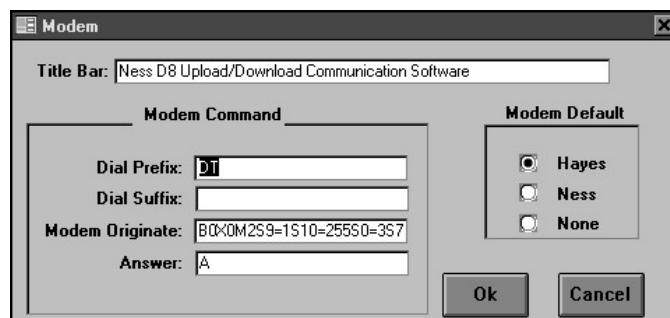
4.1.2 MODEM



The Modem Parameters command is used for setting up your modem. **This should not need changing.** The Ness Upload / Download software will work on almost all Hayes compatible or Ness Modems. For more information about the Dial Prefix, Dial Suffix, Modem Parameters and Answer commands required for your modem consult your modem manual.

(NOTE : The standard settings as supplied by Ness very rarely require changing, caution must be taken if you are changing these commands.)

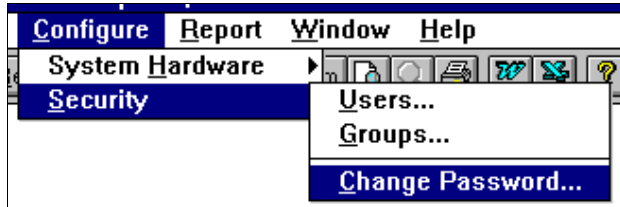
The Title Bar may also be customized to read different text, such as your company's name from this screen. To change the text click your mouse in the title bar text area and edit the current title.



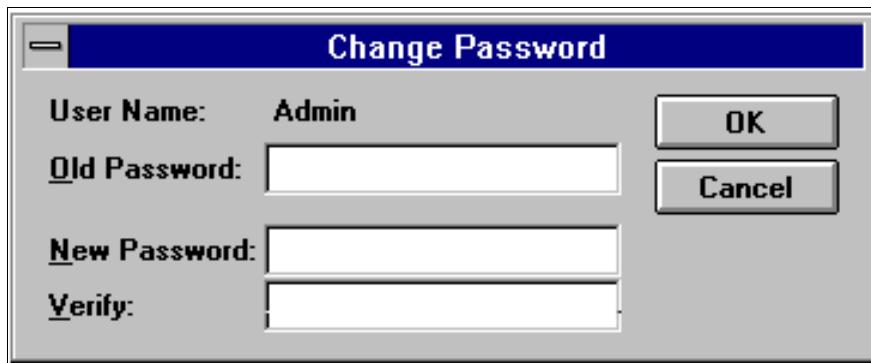
4.2 SECURITY

4.3 CHANGING PASSWORD

The password feature is disabled initially. To enable the password feature (if required) go to menu and click on [Configure] > [Security] > [Change Password..]



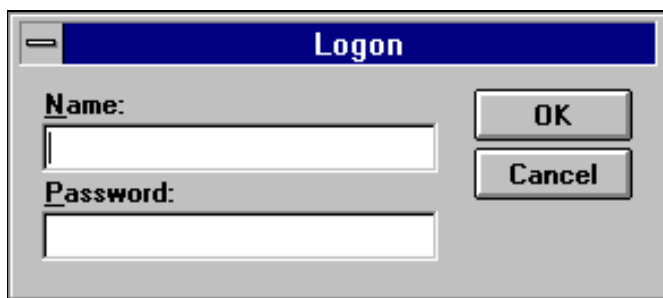
You will be asked to change the Admin. User password as shown below. Ignore the Old Password field (leave blank) and enter the New Password in the New Password field, repeat the Password in the Verify field.



After you have done this, next time you execute the Ness D8 Control Panel Upload / Download software, you will be required to logon with this password.

4.4 PASSWORD LOGON

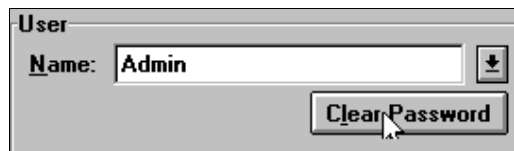
If the password feature is enabled, the Logon dialogue box will appear when the application is started.



In order to use the application, you are required to verify your identity by entering the user name (e.g. admin.) and password.

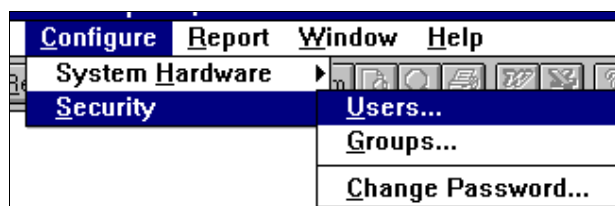
4.5 DELETING PASSWORD LOGON

To delete the need to logon with a Password go to 'Users' as shown in the next section. Add / Delete users and click on the *Clear Password* button. This will clear the Password for the user name and no password will required to logon.

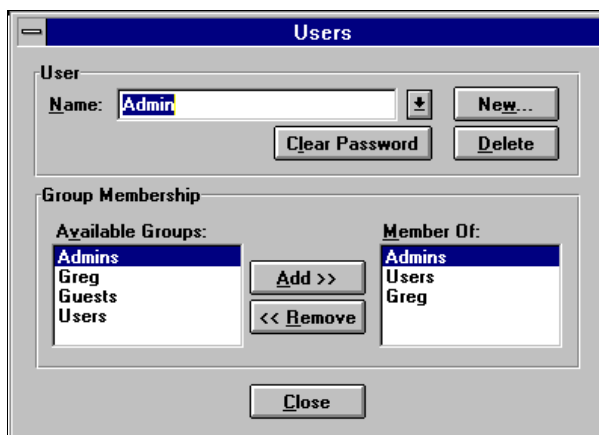


4.6 ADD / DELETE USERS

To Add or Delete a User who holds a Password to log into the Upload / Download Software. Go to menu and click on [Configure] > [Security] > [Users..]



The User Screen will then be displayed for editing.



To add a new user ;

1. Type in the user name.
2. Select the group membership (not required, but maybe useful depending on your company structure.)
3. Click the New Button.

To delete a user ;

1. Select the user from the list.
2. Click the Delete button.
3. You will be asked to confirm your request to delete. If you are sure click on OK otherwise click on Cancel.

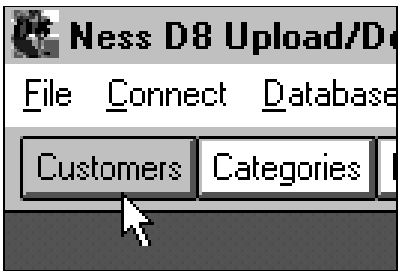
The Admin. group will have the highest privileges whilst Guest group have the lowest privileges.

4.7 ADD / DELETE GROUPS

To Add or Delete a User Group go to menu and click on [Configure] > [Security] > [Groups..]
The Users Groups are Setup as default and should not need changing.

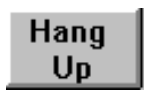
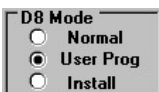
5.0 CUSTOMER DATABASE

1. Move the cursor to toolbar and click on the customer button.



The customer form will appear on the screen.

In the customer database there is a standard toolbar with several buttons / commands. These commands are summarized on the table as shown below :-

Button	Purpose	Button	Purpose
	Opens the Ness D8 Control Panel Database Form / Screen.		Undoes the data last changes back to last saved data.
	Converts back to previous page of D8 Control Panel Database Form / Screen.		Saves the current customer record.
	Performs an Upload Operation.		Adds a new customer record.
	Performs an Upload of the Panels Event History.		Deletes the current record.
	Performs an Download Operation		Changes the Password that is downloaded to the D8 control Panel.
	Commands the Modem and Panel to Hang Up.		Selects what Mode the D8 panel is in when you are to Up/Download.
	Print Previews the current customer and Ness D8 Control Panel data information.		

5.1 NEW CUSTOMERS

1. SELECT ADD NEW RECORD BUTTON.



2. Program the customer information, make sure the customer ID number is unique and the panel phone number is correct.

<u>FIELD</u>	<u>DATA DESCRIPTION</u>
Customer ID	: Your own Customer ID record number. Note: this is not the Client Account Number, but a Customer number. The client account number is entered later in the Client database programming. This number must be unique for each customer.

Alarm Phone Number : Phone Number the Ness D8 Control Panel is connected to. This is the number the upload / download software will call.

Contact Name : Customer contact Name.

To enable Upload or Download to a Ness D8 Control Panel , the above three fields must be entered. The following fields are optional general data fields for your customer records.

You must select what Mode the D8 control panel is in and then save this prior to Uploading or Downloading. For security reasons , in the Normal Operating Mode and User Programming Modes it is vital the Client Account Numbers match between the D8 Control Panel and the Upload software. When the panel is in Installation Program Modes the Client Account Number does not need to be the same.

Change Password

Changes the Password that is downloaded to the D8 control Panel. If a Password is added, the only way Data can be changed and saved in that control Panel, is by Downloading using this package with the correct Password.

Contact Title : Customer Contact's Position.

Company Name : Customer Company Name if applicable.

Address / State / City / Zip Code : Address the Ness D8 Control Panel is installed.

Category : Category of installed system. (e.g., Ness D8 Control Panel, Duress System etc.) categories are set up under categories section.

Installer : Installer who installed the Ness D8 Control Panel. If an Employee database has been created you can select the installer from the Installer / Employee list.

Phone : Customers voice phone Contact Number.

Fax : Customers Fax Number if applicable.

Notes : Area to enter general information such as Customers background or history etc.

Customer Service History : Database fields for service history of this client.

6.0 NESS D8 CONTROL PANEL DATABASE

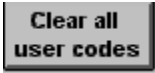
The D8 Control Panel Database is programmed into the software on three separate pages.

- 1. D8 Panel Data.
- 2. Zone / Output Mappings.
- 3. Dialler Data.

After entering the customers data, you must save this data by using the  button. If data has been changed and not saved a small pencil icon is shown on the top left hand corner of the data sheet reminding you to save the data. 

Once the data has been saved, move your mouse and click it once on the  button to select Ness D8 Control Panel Data field.

In the Ness D8 Control Panel database there is a standard toolbar with several buttons / commands. These commands are summarized on the table as shown below :-

Button	Purpose
	Goes to the Customer Database Form / Screen.
	Moves you onto the next portion of Panel Programming.
	Deletes all User codes from Database, same as P 98 E does when programming via systems keypad. Note this also includes the factory preset Master code.
	Your Customer ID record number.
	After the system has uploaded from the D8 panel, the panels version number will be displayed here.
	Saves the current customer / Ness D8 Control Panel record.
	Undoes the data last changes back to last saved data.

6.1 NESS D8 CONTROL PANEL DATA

Program the Ness D8 Control Panel information you wish to Download, or if the Control Panel has already been Uploaded, the data that was Uploaded will be entered into this database for you to save.

Programming data for downloading into a D8 Control Panel is easily achieved by filling in the data into data slots in each of the three pages as detailed below.

The screenshot displays the 'D8 Panel Data' software interface, which is used for programming a Ness D8 Control Panel. The interface is divided into two main sections, each showing a different page of configuration options.

Page 1 (Top):

- File, Connect, Database, Configure, Report, Window, Help** menu bar.
- Clear all user codes** button.
- Customer ID:** []
- Version Number:** []
- P01: Detector 1:** [] **PIR** []
- P02: Detector 2:** [] **PIR** []
- P03: Detector 3:** [] **PIR** []
- P04: Detector 4:** [] **PIR** []
- P05: Detector 5:** [] **PIR** []
- P06: Detector 6:** [] **PIR** []
- P07: Detector 7:** [] **PIR** []
- P08: Detector 8:** [] **PIR** []
- P09E: Assign Access Code 2-8 to Radio Key:** [] [] [] [] [] [] [] []
- P10E: Assign Access Code 9-15 to Radio Key:** [] [] [] [] [] [] [] []
- P11E: Code 1:** [123]
- P12E: Code 2:** [0]
- P13E: Code 3:** [0]
- P14E: Code 4:** [0]
- P15E: Code 5:** [0]
- P16E: Code 6:** [0]
- P17E: Code 7:** [0]
- P18E: Code 8:** [0]
- P19E: Code 9:** [0]
- P20E: Code 10:** [0]
- P21E: Code 11:** [0]
- P26E: Entry Delay 1:** [20]
- P27E: Entry Delay 2 (x10):** [60]
- P28E: Exit Delay:** [60]
- P29E: Siren Reset Time:** [5]
- Vibration Sensitivity:**

	Zone 1	Z2	Z3	Z4	Z5	Z6	Z7	Z8
P30E: Normal	☒	☒	☒	☒	☒	☒	☒	☒
P31E: 1 High	☐	☐	☐	☐	☐	☐	☐	☐
P32E: 2	☐	☐	☐	☐	☐	☐	☐	☐
P33E: 3	☐	☐	☐	☐	☐	☐	☐	☐
P34E: 4	☐	☐	☐	☐	☐	☐	☐	☐
P35E: 5	☐	☐	☐	☐	☐	☐	☐	☐
P36E: 6	☐	☐	☐	☐	☐	☐	☐	☐
P37E: 7	☐	☐	☐	☐	☐	☐	☐	☐
P38E: 8 Low	☐	☐	☐	☐	☐	☐	☐	☐
- P47E: Set Codes 1-8 that can access Area 1:** [] [] [] [] [] [] [] []
- P48E: Set Codes 9-15 that can access Area 1:** [] [] [] [] [] [] [] []

Page 2 (Bottom):

- P20E: Code 10:** [0]
- P21E: Code 11:** [0]
- P22E: Code 12:** [0]
- P23E: Code 13:** [0]
- P24E: Code 14:** [0]
- P25E: Code 15:** [0]
- P60E1E: Warning Beeps:** ☒
- P60E2 and 3: KeySwitch Operations:** [None]
- P60E4E: Tamper Siren Lockout:** ☒
- P60E5E: Duress to Reset Output:** ☐
- P60E6E: Auto Exclude Zones:** ☒
- P60E7E: Disable Display:** ☐
- P60E8E: Area1 and 2 Output On After Exit:** ☐
- P64E1E: 2 Second Monitor Alarm:** ☐
- P64E2E: 2 Second Day Alarm:** ☒
- P64E3E: Pre-Alarm Monitor:** ☒
- P64E4E: Keyswitch Arm/Disarm Chirps:** ☐
- P64E5E: 50/60Hz Mains(50Hz on):** ☒
- P64E6E: Double Key Panic:** ☐
- P64E7E: Fire Alarm on Key 3:** ☐
- P64E8E: Medical Alarm on Key 2:** ☐
- P48E: Set Codes 9-15 that can access Area 1:** [] [] [] [] [] [] [] []
- P49E: Set Codes 1-8 that can access Area 2:** [] [] [] [] [] [] [] []
- P50E: Set Codes 9-15 that can access Area 2:** [] [] [] [] [] [] [] []
- P99E: Installer:** [0]
- Operation Shortcuts:**

P62E1E: Memory Display:	☒
P62E2E: Zone Exclude:	☒
P62E3E: Monitor Mode:	☒
P62E4E: Panic:	☐
P62E5E: Area 1 Arming:	☐
P62E6E: Area 2 Arming:	☐
P62E7E: 2 Second Siren On Auto Exclude:	☐
P62E8E: Exit Time x 10:	☐

The data that is entered into client database in new records is as per the default factory setting in new D8 Control Panels. The addresses as shown on the data options is as per the programming address in the D8 Control Panel when programming via the systems keypad.

Summary of programming options.

For full details of programming options refer to the D8 Control Panel Installation Manual.

FIELD

P01: Detector 1:	☐	PIR
P02: Detector 2:	☐	PIR
P03: Detector 3:	☐	PIR
P04: Detector 4:	☐	PIR
P05: Detector 5:	☐	PIR
P06: Detector 6:	☐	PIR
P07: Detector 7:	☐	PIR
P08: Detector 8:	☐	PIR

P09E: Assign Access Code 2-8 to Radio Key :															
2	3	4	5	6	7	8									
☐	☐	☐	☐	☐	☐	☐									
P10E: Assign Access Code 9-15 to Radio Key :															
9	10	11	12	13	14	15									
☐	☐	☐	☐	☐	☐	☐									

P26E: Entry Delay 1:	20
P27E: Entry Delay 2 (x10):	60
P28E: Exit Delay:	60
P29E: Siren Reset Time:	5

P11E: Code 1:	123
P12E: Code 2:	
P13E: Code 3:	
P14E: Code 4:	
P15E: Code 5:	
P16E: Code 6:	
P17E: Code 7:	
P18E: Code 8:	
P19E: Code 9:	
P20E: Code 10:	
P21E: Code 11:	
P22E: Code 12:	
P23E: Code 13:	
P24E: Code 14:	
P25E: Code 15:	

Vibration Sensitivity:								
	Zone 1	Z2	Z3	Z4	Z5	Z6	Z7	Z8
P30E: Normal	☒	☒	☒	☒	☒	☒	☒	☒
P31E: 1 High	☐	☐	☐	☐	☐	☐	☐	☐
P32E: 2	☐	☐	☐	☐	☐	☐	☐	☐
P33E: 3	☐	☐	☐	☐	☐	☐	☐	☐
P34E: 4	☐	☐	☐	☐	☐	☐	☐	☐
P35E: 5	☐	☐	☐	☐	☐	☐	☐	☐
P36E: 6	☐	☐	☐	☐	☐	☐	☐	☐
P37E: 7	☐	☐	☐	☐	☐	☐	☐	☐
P38E: 8 Low	☐	☐	☐	☐	☐	☐	☐	☐

P40E: Set Codes 1-8		1	2	3	4	5	6	7	8
that can access Area 1:		☒	☒	☒	☒	☒	☒	☒	☒
P40E: Set Codes 9-15		9	10	11	12	13	14	15	
that can access Area 1:		☒	☒	☒	☒	☒	☒	☒	☒
P40E: Set Codes 1-8		1	2	3	4	5	6	7	8
that can access Area 2:		☒	☒	☒	☒	☒	☒	☒	☒
P40E: Set Codes 9-15		9	10	11	12	13	14	15	
that can access Area 2:		☒	☒	☒	☒	☒	☒	☒	☒

DATA DESCRIPTION

With the use of a Ness D8 Radio Receiver onto the D8 Control Panel, the system will support up to 14 Radio Pendants **and** up to 8 Radio detection devices onto the one receiver. Programming options P01E - P08E is used to program in radio detection devices. (Ness wireless PIR's or Wireless reed switches.) *Note: The Wireless detection devices are normally programmed into the D8 Radio Receiver onsite, and therefore the devices radio code is only displayed after Uploading from the D8 Control Panel.*

With the use of the D8 Wireless Radio Receiver, the system will support up to 14 Wireless Pendants. Programming options P09E - P10E programs Ness wireless pendants into the system by assigning access codes to them so they will arm and disarm the system.

Note: The Wireless Pendants are programmed into the D8 Radio Receiver onsite.

Programming options P26E - P29E programs **Entry, Exit and Siren Reset Times.**

The D8 Control Panel supports up to 15 User codes. Program options P11E - P25E programs User Codes 1 (Master Code) to User Code 15.

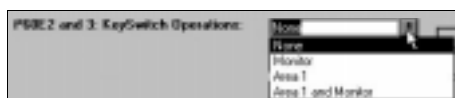
Note : The factory default Master Code is 123

All Ness Control Panels supports onboard Vibration Sensor sensitivity adjustments. Programming options P31E - P38E adjusts on a Zone by Zone bases different sensitivities, with P30E being normal Zones basis not used with Vibration Sensors.

The Ness D8 Control Panel can be partitioned into two areas. Any of the 15 User codes can be programmed can be programmed to control any of the two Areas. Programming Options P47E - P50E selects which of the 15 User Codes will arm / disarm each of the two areas.

FIELD

P60E1E: Warning Beeps: ☒



P60E4E: Tamper Siren Lockout: ☒
 P60E5E: Duress to Reset Output: ☐
 P60E6E: Auto Exclude Zones: ☒
 P60E7E: Disable Display: ☐
 P60E8E: Area1 and 2 Output On After Exit: ☐

P64E1E: 2 Second Monitor Alarm: ☐
 P64E2E: 2 Second Day Alarm: ☒
 P64E3E: Pre-Alarm Monitor: ☒
 P64E4E: Keyswitch Arm/Disarm Chirps: ☐
 P64E5E: 50/60Hz Mains(50Hz on): ☒
 P64E6E: Double Key Panic: ☐
 P64E7E: Fire Alarm on Key 3: ☐
 P64E8E: Medical Alarm on Key 2: ☐

DATA DESCRIPTION

Programming Option P60E 1 E selects if Entry Warning beeps are required prior to a Armed Delayed Zone going into alarm.

Zone 8 can be programmed as a Key switch input. Programming option P60E 2 E and 3 E selects zone 8 to work. If **Monitor** option is selected, the Panel will toggle between Monitor and Disarmed mode on each activation of Zone 8. If **Area 1** is selected the Panel will toggle between Area 1 Arm and Disarm. If **Area 1 and Monitor** is selected the Panel will go into Monitor on the first activation of Zone 8, then Area 1 Arm on the second activation then Disarm on the third activation.

If P60E 4 E is selected the Tamper Siren will be locked out after the first alarm and will need the panel to be reset before causing another alarm.

P60E 5 E will cause the Duress alarm to activate the reset Output.

P60E 6 E when selected will cause Zones to auto exclude if they are unsealed at the end of exit time.

P60E 7 E will cause the Keypads LED's to turn off if there is no keypresses within 4 minutes.

P 60 E 8 E when selected will activate Area 1 and 2 outputs to turn on when the Panel Arms Area 1 and 2, but only after the exit time, rather than immediately.

P64E 1 E option when selected will activate outputs as selected in P 63 E 1-4 E for 2 seconds only when a Monitor Zone is activated when the Panel is in Monitor Mode.

P64E 2 E option when selected will activate outputs as selected in P 63 E 5-8 E for 2 seconds only when a Day Zone is Activated when the Panel is disarmed.

P64E 3 E option when selected will activate entry Warning beeps for ALL Monitor Zones when activated, even if they are Instant Zones.

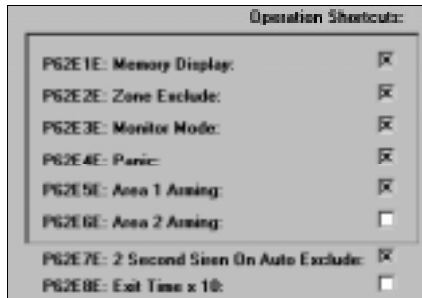
P64E 4 E option will activate the Siren and Strobe outputs when the Panel is Armed / Disarmed using the Key switch input.

P64E 5 E selects the frequency your AC power is being generated at.

P64E 6 E option when selected makes the system Keypad Panic buttons dual activation where both *panic buttons* need to be pressed together. A keypad panic is activated by pressing *Panic* and then *Enter* key, as default.

P64E 7 E option when selected will allow keypad digit 3 to activate a 24 hour Fire Alarm, by pressing 3 and then *Enter*.

P64E 8 E option when selected will allow keypad digit 2 to activate a 24 hour Medical Alarm, by pressing 2 and then *Enter*.



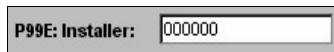
Programming option P 62E 1 E - 6 E selects how the system will operate. If the shortcuts are selected then a user code is not required to access that option.

(e.g., If *Memory display shortcut* is selected then to access the Event Memory via the systems keypad you only need to press the *Memory* then the *Enter* Key.

If *Area 1 Arming* shortcut is not selected then to Arm area 1 the user must press the *Arm* key enter their *User code* and then the *Enter* key.

When programming option P62 E 7 E is selected and a Zone is Auto excluded the system will activate the siren outputs for 2 seconds as a warning to the user Arming the system.

Programming option P62 E 8 E when selected will multiply the Exit time by 10.



The installer code that allows access from Client programming mode to installer programming mode can be changed from the default 000000 to any 3-6 digit code by using the P99E Programming option.

6.2 NESS D8 CONTROL PANEL , ZONE / OUTPUT MAPPINGS

Press on  button to bring up page two of Customer Database for Zone / Output Mappings.

Note: The  button will take you back to the previous page. (i.e., Back to Customer Database.)

The second page of the Panel Programming data sets up how the 8 Zones will operate and what outputs they will activate when alarmed.

Programming option P39E select which Zone/s you require to be Double Trigger Zones.

P40E selects which Zone/s are required to be Instant Zones.

P41E selects which Zone/s are required to be Entry 1 Zones.

P42E selects which Zone/s are required to be Handover Zones.

P43E selects which Zones/s are required to be Entry 2 Zones.

P44E selects which Zone/s are required to be siren Lockout Zones.

P45E selects which Zone/s will be active when Area 1 is Armed.

P46E selects which Zone/s will be active when Area 2 is Armed.

Note: Any zones can be selected to either Area 1 or Area 2 Zones or both. If the system is not to be split into Areas leave all Zones set as Area 1 Zones.

P51E zones selects which Zone/s will be active when the panel is put into Monitor (home) mode.

P52E zones selects which Zone/s will be set as 24 hour Zones.

P53E zones select which Zone/s will be active during Day (disarm) mode.

P54E - P57E programming options selects which Zone/s will activate the Reset, Strobe, Keypad Sonalert and the Siren Outputs when the Zone/s is in an alarm condition.

The D8 Control Panel has two Open Collector Outputs that can operate on an Alarm Condition activated by any of the Zones.

Programming Options P58E & P59E selects which Zone/s will activate these Aux. Outputs.

P39E: Double Trigger	☐	☐	☐	☐	☐	☐	☐	☐
P40E: Instant	☐	☐	☐	☐	☐	☐	☐	☐
P41E: Entry 1	☐	☐	☐	☐	☐	☐	☐	☐
P42E: Handover	☐	☐	☐	☐	☐	☐	☐	☐
P43E: Entry 2	☐	☐	☐	☐	☐	☐	☐	☐
P44E: Lockout	☐	☐	☐	☐	☐	☐	☐	☐
P45E: Area 1	☐	☐	☐	☐	☐	☐	☐	☐
P46E: Area 2	☐	☐	☐	☐	☐	☐	☐	☐
P51E: Monitor	☐	☐	☐	☐	☐	☐	☐	☐
P52E: 24Hours	☐	☐	☐	☐	☐	☐	☐	☐
P53E: Day	☐	☐	☐	☐	☐	☐	☐	☐

P54E: Reset	☐	☐	☐	☐	☐	☐	☐	☐
P55E: Strobe	☐	☐	☐	☐	☐	☐	☐	☐
P56E: Sonalert	☐	☐	☐	☐	☐	☐	☐	☐
P57E: Siren	☐	☐	☐	☐	☐	☐	☐	☐
P58E: Aux 1	☐	☐	☐	☐	☐	☐	☐	☐
P59E: Aux 2	☐	☐	☐	☐	☐	☐	☐	☐

P601E: Set a Tamper Alarm to activate the Reset Output	☐
P602E: Set a Tamper Alarm to activate the Strobe Output	☐
P603E: Set a Tamper Alarm to activate the Keypad Sonalert	☐
P604E: Set a Tamper Alarm to activate the Siren Output	☐

P605E: Set a Keypad Panic Alarm to activate the Reset Output	☐
P606E: Set a Keypad Panic Alarm to activate the Strobe Output	☐
P607E: Set a Keypad Panic Alarm to activate the Keypad Sonalert	☐
P608E: Set a Keypad Panic Alarm to activate the Siren Output	☐

P61E 1E - P61E 4E programming options selects which of the Reset, Strobe, Keypad Sonalert and the Siren Outputs will activate when there is a Tamper Alarm.

P61E 5E - P61E 8E programming options selects which of the Reset, Strobe, Keypad Sonalert and the Siren Outputs will activate when there is a Panic Alarm.

P63E 1E: Set the for a Zone Reset Output in Monitor Mode:	☐
P63E 2E: Set the for a Zone Strobe Output in Monitor Mode:	☐
P63E 3E: Set the for a Zone Keypad Sonalert Output in Monitor Mode:	☐
P63E 4E: Set the for a Zone Siren Output in Monitor Mode:	☐
P63E 5E: Set the for a Zone Reset Output in Day Mode:	☒
P63E 6E: Set the for a Zone Strobe Output in Day Mode:	☒
P63E 7E: Set the for a Zone Keypad Sonalert Output in Day Mode:	☐
P63E 8E: Set the for a Zone Siren Output in Day Mode:	☐

P63E 1E - P63E 4 E programming options selects which of the Reset, Strobe, Keypad Sonalert and the Siren Outputs will activate for two seconds only when a Monitor Zone triggers an Alarm condition.

P63E 5E - P63E 8 E programming options selects which of the Reset, Strobe, Keypad Sonalert and the Siren Outputs will activate for two seconds only when a Day Zone triggers an Alarm condition.

Note: These outputs will only activate for two seconds only if programming options P64E 1 E and 2 E are selected as per page 1, D8 Panel Data programming page.

6.3 NESS D8 CONTROL PANEL , DIALLER DATA

Press on  button to bring up page three of Customer Database for Dialler Data.

Note: The  button will take you back to the previous page. (i.e. Zone / Output Mappings.)

The D8 control Panel can be programmed with 5 phone numbers for the following functions as detailed below.

P00E is the "Follow Me" audible phone number. This can also be programmed by the client in client program mode. This Phone number should only be used when Audible dialling is required.

P70E and P71E programs the Primary and Secondary phone numbers.

The D8 allows for the control Panel to dial a separate phone number for Auto test calls. This test call phone number is programmed using P80E option. If this phone number is not programmed then the Auto test calls will report via the Primary and Secondary phone numbers.

P81E is the phone number of your Modem that the panel will dial back when up/downloading is required. This callback number is only used when the panel is in Client Program and Normal Modes.

P72E programs Client Account number for use with Area 1 Zones, where P73E is the Client Account number for use with Area 2 Zones. If the system is not programmed into Areas only P72E needs to be entered.

P00E: Audible Phone:	
P70E: Phone 1:	
P71E: Phone 2:	

P80E: Test Phone:	0
P81E: Modem Call Back Phone:	0

P72E: Client Account No 1:	0000
P73E: Client Account No 2:	0000

Note: The client account number in the panel must match the Account Number in the Up/download software when the panel is in Normal Run Mode, or Client Program Mode. If the Panel is in Installer Program Mode then matching of the Client Account Numbers is not required.

Programming option P86E options 1-6 E selects what format the Dialler will dial in.

P86E option 1E disables the Dialler.

Option 2E selects Contact ID format. *Use this option when reporting back to a Central Station.*

Option 3E selects Audible (DTMF) format. (for future use)

Option 4E selects Audible (Pulse) format. *Use this option when Audible Format is required.*

Option 5E selects Contact ID and then Audible DTMF format, *where the Dialler will dial the Central Station and report in Contact ID and then send Audible DTMF format to the Follow Me number.*

Option 6E selects Contact ID and then Audible Pulse format, *where the Dialler will dial the Central Station and report in Contact ID and then send Audible Pulse format to the Follow Me number.*

P86E: DiallerMode

☐ Disable Dialler

☒ Enable Contact ID

☐ Enable Audible(DTMF)

☐ Enable Audible(Pulse)

☐ Enable Contact + Audible(DTMF)

☐ Enable Contact + Audible(Pulse)

ALARM TABLE																
Report	Z O N E 1	Z O N E 2	Z O N E 3	Z O N E 4	Z O N E 5	Z O N E 6	Z O N E 7	Z O N E 8	D u r e s s	M e d i c a l	Key pad P a n i c	F i r e	Panel T a m p	Ext T a m p	Key pad T a m p	Install P r o g
P74E: Alarms:	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	P75E: Alarms			☒	☒	☒
P76E: Restores	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	P77E: Restores			☒	☒	☒
P78E: Multiple:	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒
P79E: Use Client 2:	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐						

Programming option P74E selects which zones will send an alarm message via the Dialler using client Account Number 1.

Programming option P76E selects which zones will report restores via the Dialler.

Programming option P78E selects which zones will send Multiple alarm reports via the Dialler without the need of resetting the D8 alarm panel first.

Programming option P75E selects which Miscellaneous alarms are to send alarm messages via the Dialler. (Note :all Misc. alarms will report on Client Account No.1)

Programming option P77E selects which Miscellaneous alarms you wish to report restores.

Programming option P79E selects which zones are to report on Client Account Number 2.

P82E: Zone Restore Reporting:

☐ Immediately the input restores

☐ At the end of alarm time (both input restores)

☐ After Opening (both input restores)

☐ After Opening (regardless of input state)

Programming option P82E selects when the zone alarm restores will report the restore event.

P83E: Time Between Test Calls

Times 2:

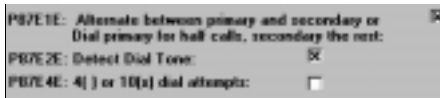
P84E: Time Before Next Test Call:

Programming option P83E selects the times between Auto test Calls, if they are programmed to report. (Note: this time is programmed in 2 hours increments. i.e. if 84 is entered then the time is actually $84 \times 2 = 168$ hours = 7 days.)

Programming option P84E selects when you require the next Auto test Call to report. (Note: this time is also programmed in two hour increments.



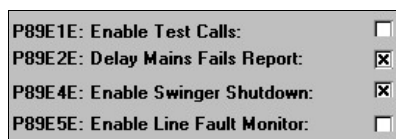
Programming option P85E selects the dialling method to be used once the D8 control panel seizes the phone line.



Programming option P87E 1E selects which order the panel will dial.

Programming option P87E 2E selects if a Dial Tone is needed to be detected before dialing is started.

Programming option P87E 4E selects how many Dial-out attempts the Dialler will make.

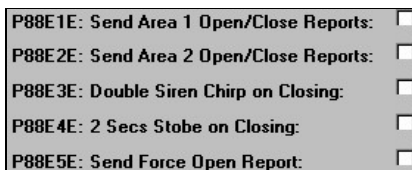


Programming option P89E 1E selects if Automatic Test Calls are required to be sent.

Programming option P98E 2E selects if Mains fail reports are to have a one hour abort time.

Programming option P89E 4E selects if Swinger shutdown is required. (i.e. Will report a maximum of 4 reports per zone then stop until the panel is reset.)

Programming option P89E 5E selects if Phone Line Monitoring is required.



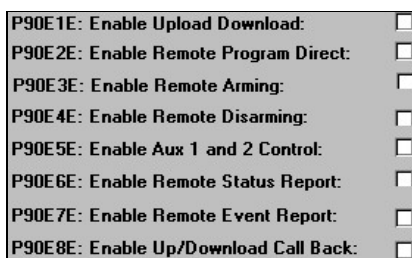
Programming option P88E 1E selects if Area 1 Open/Close reports are required.

Programming option P88E 2E selects if Area 2 Open/Close reports are required.

Programming option P88E 3E selects if a double siren chirp is required after a Closing report is kissed-off.

Programming option P88E 4E selects if a 2 second Strobe flash is required after a Closing report is kissed-off.

Programming option P88E 5E selects if a forced open report is required to be sent after an alarm condition, if open / closes are disabled.



P90E 1E selects if Up / Download is required.

P90E 2E selects if remote direct connect Up / Download is required.

P90E 3E selects if Remote Arming is required.

P90E 4E selects if Remote Disarming is required.

P90E 5E selects if Remote control of Aux. 1 and 2 is required.

P90E 6E selects if Uploading of Panel Status reports is required.

P90E 7E selects if Uploading of Panel Event reports is required.

P90E 8E selects if Up / Downloading Call back function is required. This is used when the Panel is in Client Program Mode or Normal Run Mode.



P91E selects the number of Rings before the Panel will Answer before Remote Arm / Disarm if selected and Up/Downloading. This is used for Fax defeat.

7.0 UPLOAD / DOWNLOAD OPERATIONS

The Upload / Download feature allows you to perform a full upload or download of a database from a selected Ness D8 Control Panel.

Before you can do an Upload / Download, you must first program the Customer Database. The Upload / Download option is very simple, all you need to program is the **Alarm Phone No.** and the **4 digit Client Code** (Customer ID.). Click Upload / Download button to initiate the action. Each Customer must be given a unique customer number ranging from 0000 to 9999. This customer number is used to search the database for your Upload / Download information.

- Use the New, Find button or the Record selection bars to select the customer number you wish to work on.



7.1 UPLOADING

The upload feature allows you to perform a full upload of a database **from a selected Ness D8 Control Panel** to your computer. When you have selected "UPLOAD" You are required to select the customer number. Before you can do an upload, you should first program the **Customer Database** as detailed above in section 6. The Customer ID and Alarm Phone No. must be programmed in your database and saved.

Customer ID:	1234	Alarm Phone No:	9877 3669
Contact Name:	Mr Greg Kingsley		

- Select which mode the panel is in before uploading from.

D8 Mode

☐ Normal

☒ User Prog

☐ Install

You must select which Mode the D8 control panel is in and then save this prior to Uploading. For security reasons, in the Normal Operating Mode and User Programming Modes, it is vital the Client Account Numbers match between the D8 Control Panel and the Upload software. When the panel is in Installation Program Modes the Client Account Number does not need to be the same.

- Select Upload button on the customer form by using the mouse and click it once.



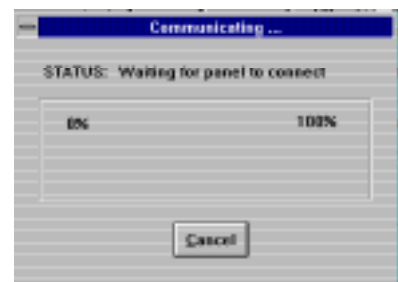
Change Password

If the Password has been changed using the **Change Password** button then the only way Data can be changed and saved in that control Panel is by Downloading using this package with the correct Password.

The Upload / Download software will initialize your Modem and dial the Ness D8 Control Panel. If the panel is in Install Program Mode the Panel will answer the phone on the first ring (or the number of rings as per programming option P91E) and start Uploading the Panel Data.

If the Panel is in Client Program Mode, the Panel will answer the phone on the first ring (or the number of rings as per programming option P91E) it will then hang up and call back the number as entered in Programming option P80E and start Uploading the Panel Data.

If the Panel is in Normal Operating Mode it will not answer the phone on the first set of dialling. The Up/Download software will automatically dial the panel again and answer the Panel on the first ring (or the number of rings as per programming option P91E) hang up and call back the number as entered in Programming option P80E, start Uploading the Panel Data.



After the Upload you can compare the Uploaded information to the database information by clicking the previous data button.



You can then save the Uploaded information by clicking on the save button

7.2 DOWNLOADING

The Download feature allows you to perform a full Download of a database from your computer to a selected Ness D8 Control Panel. When you have selected “DOWNLOAD”, you are then required to select the customer number. Before you can do a Download, you should first program the customer and Ness D8 Control Panel database under the Customer and Ness D8 Control Panel Data forms.

- **Select which mode the panel is in before Downloading.**



You must select which Mode the D8 control panel is in and then save this prior to Downloading. For security reasons, in the Normal Operating Mode and User Programming Modes, it is vital the Client Account Numbers match between the D8 Control Panel and the Download software. When the panel is in Installation Program Modes the Client Account Number does not need to be the same.

- **Select Download button on the customer form by using the mouse and click it once.**



Change Password

If the Password has been changed using the **Change Password** button then the only way Data can be changed and saved in that control Panel is by Downloading using this package with the correct Password.

It is recommended that an “Upload” is performed first to confirm what data is in the control panel prior to any changes being made to the panel. Once a download is performed there is no way of recovering what data was in the panel if an upload was not done first.

The Upload / Download software will initialize your Modem and dial the Ness D8 Control Panel. If the panel is in Install Program Mode the Panel will answer the phone on the first ring (or the number of rings as per programming option P91E) and start Downloading the Panel Data.

If the Panel is in Client Program Mode the Panel will answer the phone on the first ring (or the number of rings as per programming option P91E) It will then hang up and call back the number as entered in Programming option P80E, and start Downloading the Panel Data.

If the Panel is in Normal Operating Mode the Panel will not answer the phone on the first set of dialling. The Up/Download software will automatically dial the panel again and it will answer the Panel on the first ring (or the number of rings as per programming option P91E.) then hang up and call back the number as entered in Programming option P80E and start Downloading the Panel Data.

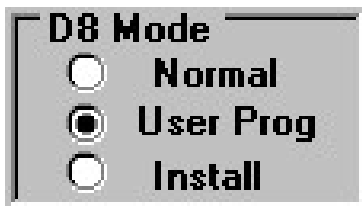
7.3 Upload History



The Upload History feature allows you to upload the D8 Control Panels event history. The Control Panel stores the last 30 events for keypad viewing. However, using the Up / Download software the system allows for the uploading of the last 50 events.

Note: An Upload History can only be performed after a Data Upload is performed, for the selected client.

- **Select what mode the panel is in when Uploading history from is in.**



You must select which Mode the D8 control panel is in and then save this prior to Uploading. For security reasons, in the Normal Operating Mode and User Programming Modes it is vital the Client Account Numbers match between the D8 Control Panel and the Download software. When the panel is in Installation Program Modes the Client Account Number does not need to be the same.

- **Select Upload History button on the customer form by using the mouse and click it once.**



Change Password

If the Password has been changed using the **Change Password** button then the only way Data can be changed and saved in that control Panel is by Downloading using this package with the correct Password.

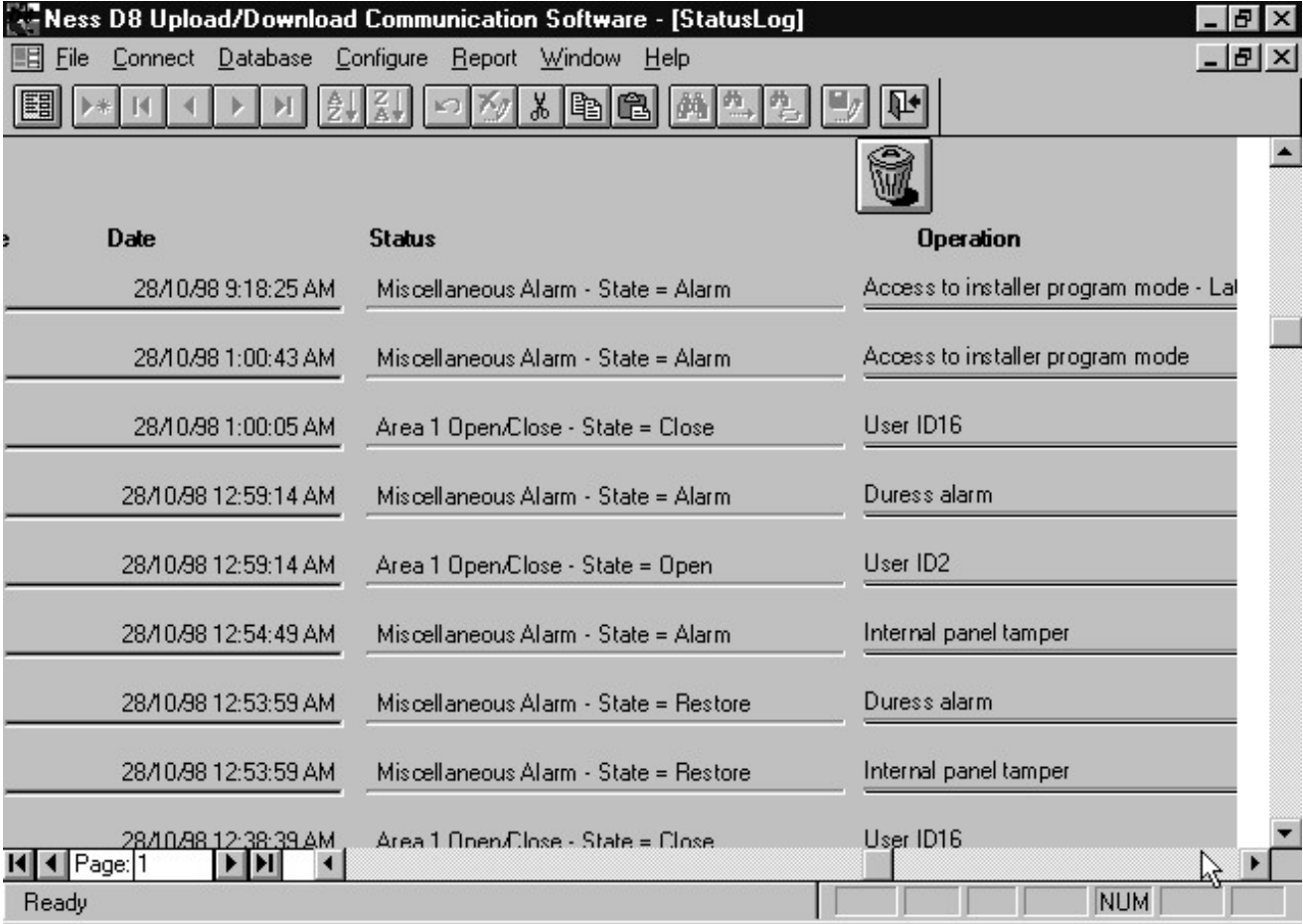
The Upload / Download software will initialize your Modem and dial the Ness D8 Control Panel. If the panel is in Install Program Mode the Panel will answer the phone on the first ring (or the number of rings as per programming option P91E) and start Uploading the Panel History.

If the Panel is in Client Program Mode, the Panel will answer the phone on the first ring (or the number of rings as per programming option P91E) it will then hang up and call back the number as entered in Programming option P80E and start Uploading the Panel History.

If the Panel is in Normal Operating Mode it will not answer the phone on the first set of dialling. The Up / Download software will automatically dial the panel again and answer the Panel on the first ring (or the number of rings as per programming option P91E) hang up and call back the number as entered in Programming option P80E, start Uploading the Panel History.

Once an 'Upload History' is completed, the Status Log is generated where it can be viewed or printed.

This Log includes the Customer ID number, the Client Account Code, the Time and Date the event occurred, the Event Status and the Operation Performed.



Date	Status	Operation
28/10/98 9:18:25 AM	Miscellaneous Alarm - State = Alarm	Access to installer program mode - Lat
28/10/98 1:00:43 AM	Miscellaneous Alarm - State = Alarm	Access to installer program mode
28/10/98 1:00:05 AM	Area 1 Open/Close - State = Close	User ID16
28/10/98 12:59:14 AM	Miscellaneous Alarm - State = Alarm	Duress alarm
28/10/98 12:59:14 AM	Area 1 Open/Close - State = Open	User ID2
28/10/98 12:54:49 AM	Miscellaneous Alarm - State = Alarm	Internal panel tamper
28/10/98 12:53:59 AM	Miscellaneous Alarm - State = Restore	Duress alarm
28/10/98 12:53:59 AM	Miscellaneous Alarm - State = Restore	Internal panel tamper
28/10/98 12:38:39 AM	Area 1 Open/Close - State = Close	User ID16

8.0 REPORTS - PRINTING CUSTOMER / NESS D8 CONTROL PANEL RECORD

If you wish to print the Customers / Ness D8 Control Panel Record.

- Select *View Report* Button from the menu.



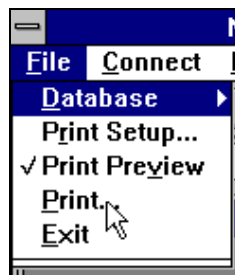
OR

- From the main toolbar click on the “Report” button and then enter the customer ID number you wish to print a report on.



- The Customer Information data sheet will be present on the screen for viewing.

- Use your mouse and click on “FILE” then click on “PRINT”



- Click on OK to print when your standard Windows print manager prompt screen is displayed.
- The Customer Information record will print.

9.0 EMPLOYEES / INSTALLERS DATABASE



The Employees / Installers database allows you to enter information relating to your employees and / or installers.

PHOTO - The database allows for the insertion of the Employee / Installers photo into the systems database. To insert a photo scan or copy the employees photo into Microsoft Windows Clipboard and then use the “Paste” Button  to insert the photo into the database.

After entering Employee / Installer data click on the Save  button to save the current Employee / Installer Data.

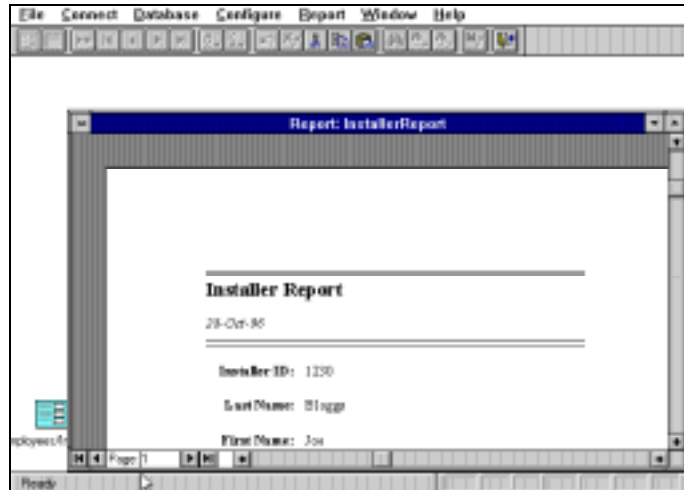
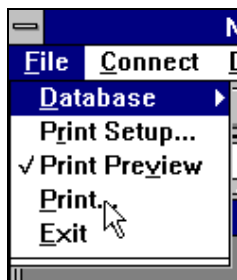
9.1 PRINTING EMPLOYEE / INSTALLER RECORDS

If you wish to print your Employee / Installers record ;

- Select *View Report* Button from under the photo area, in the data form.



- The Customer Information data sheet will be present on the screen for viewing.
- Use your mouse and click on '*FILE*' then on "*PRINT*".
-



- Click on OK to print when your standard Windows print manager prompt screen is displayed.
- The Employee / Installers record will print.

10.0 EVENT LOG



The Event Log Screen / Form displays the events of the Upload / Download Operations. An event is produced each month with the file named like *m02y1998.log* (Event log for month February 1998).

Date	Client Code	Customer ID	Operation	Status
30/05/96 1:34:33 PM	0	1234	Upload	Success
30/05/96 1:28:07 PM	0	1234	Download	Success
30/05/96 1:28:04 PM	0	1234	Download	Success
30/05/96 1:27:13 PM	0	1234	Upload	Success
30/05/96 1:25:59 PM	0	1234	Upload	Success
30/05/96 1:22:00 PM	0	1234	Upload	Success
29/05/96 2:42:47 PM	0	1234	Upload	Success

Expanded Information

Company Name:

Contact Name:

Contact Title:

Address:

City: State:

Postal Code:

Panel Phone No:

Buttons: Export, View, Delete, Delete*, OK

There are several buttons / commands under the event log screen. These commands are summarized as follows ;-

Button	Purpose
	Exports the Event log to a file called <i>Event .Log</i> .
	To view the Customer Database information.
	Deletes the selection Event record.
	Deletes event log records prior to a specified date.
	Exits the Event Log.