ComNav

User Manual

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Introduction

The Hills ComNav is an intuitive interface module that may be added to your Hills Reliance security system. It allows authorised users to remotely access and control the security system. Access to the ComNav can be via any off site touch-tone telephone, web browser or locally via WiFi using a powerful iPhone application.

When accessing the ComNav via a touch-tone phone, the inbuilt PVG (Personal Voice Guide) offers users a friendly, easy to operate interface to their security system. The PVG allows new users to access the full power of their Hills Reliance security system without having to constantly refer to this manual. You can dial in and check the status of your security system, change a users pin number, enter a new alarm phone number or simply arm your system with easy to follow voice promts.

Plain English alarm / system messages can be sent to up to three different phone numbers. Messages can also be sent to three different numbers via SMS or Email.

Authorised users may customise voice recordings for user names, zone names, area names, room names, output names and system names. These recordings offer a level of system customisation usually reserved for more elaborate installations. The ComNav can also store (and forward to VoiceNav code pads) exit and entry messages. These messages can be left for other users of the security system.

ComNavs built in web server allows users to arm / disarm individual areas, check system status, enable / disable user codes, modify Email accounts and SMS / Voice phone numbers from any standard web browser.

Advanced intercom features are also incorporated within the ComNav. Imagine a visitor to your home pressing the button at your front door intercom, and then being able to talk to you on your mobile phone anywhere in the world. Maybe it's a courier delivering a parcel? You may wish to open the garage door and allow them to drop the parcel inside.

We trust that ComNav will provide you with ease of access and control of your Hills security system.

All users of your security system should read and follow the instructions and precautions in this manual before operating your security system. Failure to do so could result in the security system not working as intended.

This manual should be kept in an accessible location for the life of the security system. If you do not understand any part of this manual, you should ask your service provider for further clarification. Read the entire manual and if possible, practice on the ComNav whilst your security provider is on site.

Warning

Keep in mind, the level of security you will obtain with this system relates specifically with two major factors:

➢ The quantity, quality, and placement of security devices attached to this security system.
➢ The knowledge you have of the security system and how that knowledge is utilized in a weekly test of the complete system.

WARNINGS
This product is to be installed by qualified SERVICE PERSONNEL only
The equipment should only be operated with an approved power adapter with insulated live pins.
CAUTION – RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF BATTERIES ACCORDING TO THE INSTRUCTIONS. CONTACT YOUR SERVICE PROVIDER FOR REPLACEMENT BATTERIES.

N3094

Warranty

Hills Industries guarantees this product against defective parts and workmanship for twenty-four (24) months from the date of purchase. If any defect appears during the warranty period contact your service provider. Hills Industries assumes no liability for consequential or indirect damage, and accepts no responsibility for repairing damage to the product caused by misuse, careless handling, or where repairs have been made by others.

No other guarantee, written or verbal, is authorised by Hills Industries.

Glossary of terms

Authority Level:	The level of access assigned to a users PIN code
Arm:	To turn your security system **On**.
Area:	Multiple "zones" (detection devices) can be allocated into "areas" to permit users to selectively "arm" the security system. For example there may be 3 zones in an area called Downstairs, and two zones in another area called Upstairs. Users can only arm and disarm areas they have authority level to.
Away Mode:	To turn your security system on when you are leaving the premises.
Bypass:	Isolate / remove selected zones from your security system. A bypassed zone is not capable of activating an alarm, as it is temporarily removed from your system.
DHCP	Dynamic Host Configuration Protocol, is a computer network protocol used by devices to obtain configuration information for operation in an Internet Protocol network. This protocol reduces system administration workload, allowing networks to add devices with little or no manual intervention
Disarm:	To turn your security system **Off.**
Exit delay:	The time allowed to exit the premises after the security system is armed.
Entry delay:	The time allowed to disarm your security system after the first detection device has been activated.
Master Code:	A four (4) or six (6) digit PIN code that is used by a user to arm or disarm the security system. Its main feature is the ability to create, alter and delete user PIN codes. Can also be used as a function code for all features. **NOTE: Your security system may have either four (4) digit PIN codes or six (6) digit PIN codes, but not a mixture of both.**
Outputs:	Where external devices are configured. These devices can be controlled from your security system.
Relay	An electrically operated switch. Common uses include being used to open the front gate to let a visitor in, or to turn lights on and off.
RTC	RTC stands for Real Time Clock - your ComNav has a built in clock with backup battery that saves the time and date in case your security system loses power for an extended period of time.
Self Monitored:	Back-to-Base monitoring companies provide a 24/7 service with trained security staff to respond to any incidents. Having a Self Monitored system is more economical, however it does not provide as many features. Hills security systems support both Back-to-Base Monitoring and Self Monitoring.
SMS Reporting	Short Message Service (**SMS**) is a communication service component of the GSM mobile communication system, or commonly known as text messaging
Stay Mode:	To turn your security system on when you are staying in the premises, this will automatically bypass pre programmed zones and arm others. Mainly utilised for arming just the perimeter of the premises.
Service Provider:	The installation / maintenance company servicing your security system.
User Code:	A four (4) or six (6) digit PIN code that is used by a user to arm or disarm the security system. Also can be used as a function code for certain features. **NOTE: A system may have either four (4) digit PIN codes or six (6) digit PIN codes, but not a mixture of both.**
Zone:	An individual detection device or sensor is called a "zone". For example a Passive Infra Red (PIR) motion detector in the lounge room is a single zone.

Legend

☎ [PIN]	Instructions to call the phone number the ComNav is connected to, and when prompted enter the required PIN number.
?	A single digit selection is required
? #	A single digit or multiple digits selection is required. This could be a multi digit number, EG: Zone 128 = 128#
0 1 1	Navigation keys required to move to the desired menu
🗣)))	Start your recording
↳	Sub menu of the main menu
↳	Sub, Sub menu of the main menu

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Feature & Benefits

Feature	Connection			
	Phone Line	+Network	+Intercom	+VoiceNav
Voice Reporting	Yes	Yes	Yes	Yes
SMS Reporting	Yes	Yes	Yes	Yes
Dial Up Control	Yes	Yes	Yes	Yes
Dial Up Programming	Yes	Yes	Yes	Yes
4 Extra Zones	Yes	Yes	Yes	Yes
Real Time Clock	Yes	Yes	Yes	Yes
2 Relays for Door Release	Yes	Yes	Yes	Yes
Email Reporting	-	Yes	Yes	Yes
DHCP	-	Yes	Yes	Yes
ComNav Config. Server	-	Yes	Yes	Yes
Call Divert	-	-	Yes	Yes
Remote Listen In to Outdoor Station	-	-	Yes	Yes
VoiceNav Access to Intercom and Door Release	-	-	-	Yes
Remote Listen In to VoiceNavs	-	-	-	Yes

1. Phone Line connection

- Voice Reporting – ComNav can phone the user and announce in a human voice, selected event conditions. Users can customize individual name recordings for zones, areas, users, rooms and outputs. No more confusing beeps or sirens!

- SMS Reporting - With the flexibility of three different phone numbers and the added convenience of event selection per phone number, now you can group and send selected events to different users as required.

- Dial up control – The ComNav can be access by any outside touch tone telephone and once connected the inbuilt **P**ersonal **V**oice **G**uide (PVG) will navigate you through all available menu options. From basic Arming / Disarming control, to more advanced menus like zone bypassing and System recordings.

- Dial up programming – An invaluable feature for the installer is the ability to remotely access the ComNav from any outside touch tone telephone to carry out full system interrogation or advanced programming.

- Zones – There are two onboard zones that can be zone doubled to for use within the security system. Only available on the R12 and R128 control panels.

- RTC – "Real Time Clock" is an onboard component that holds the current time date setting. A built-in power-sense circuit detects power failures and automatically switches to the backup supply. This significantly reduces the chance of a "loss of date \ time" in periods of extended power outage.

2. Phone Line connection, and network connection.

- All of the above features plus

- Email Reporting – Up to three email addresses can be entered with individual event selection for each address. This versatility with event selection allows events to be sent to different email addresses, IE: Alarms to email1, open closes to Email2 and system faults to the 3rd address.

- DHCP - or Dynamic Host Configuration Protocol, is a computer network protocol used by devices to obtain configuration information for operation in an Internet Protocol network. This protocol reduces system administration workload, allowing networks to add devices with little or no manual intervention

- ComNav Configuration Server – Once connected to the network, users will enjoy the simple web user interface that is supplied with the ComNav. Enter the IP address of your ComNav into a web browser to access the ComNav Configuration Server. Here the user can configure pin codes, arm and disarm areas, view the last 185 event history, enter and change all voice, SMS and divert phone numbers and assign email address. Installers have further access to network settings, feature lists and outputs.

- Relays – The two onboard relays are fully configurable and come defaulted for door release one and door release two.

3. Phone Line connection, network connection and integrated into the door intercom system.

- All of the above features plus

- Call divert – This feature will call up to three different phone numbers when a visitor presses the call button on the outside door station whilst the Hills Reliance security system is armed. Once the call is connected, a bi directional conversation can take place and the called party has the ability to operate the onboard relay allowing access to the premises.

- Remote listen in / two way communication – this feature allows users to connect to the outdoor station from a remote location

4. Phone Line connection, network connection, integrated into the door intercom system with VoiceNav code pads.

- All of the above features plus

- VoiceNavs can be configured to answer a call initiated from either of the two door stations, they can also control the ComNavs onboard door release relays.

- Remote listen in / two way communication – this feature allows users to connect to any or all of the connected VoiceNavs from a remote location an "listen in" to any audio within that room / rooms.

Accessing the ComNav – Via a Touch Tone Phone

This section describes how to access the ComNav via an off site touch-tone phone. The ComNav must be on an independent line to the touch-tone phone from which you are trying to connect. The ComNav must be pre-programmed by your security service provider to automatically answer the incoming call once the predetermined number of calls / rings have been reached. When the desired number of calls / rings has been reached the ComNav will grab the Phone Line and a connection has been established, the following will be announced.

◀   *Enter your code for system access, press star to cancel*

Enter your user / master code (default master code is 1234), the ComNav will announce the recorded system name (if recorded) and list all accessible main menus, you can now make your selection as required.

◀   *You are now connected to (system name)……*

Press 1 for system status
Press 2 for system control
Press 3 for intercom control
Press 4 for output control
Press 5 for message bank
Press 0 for system configuration*
Press # to exit and disconnect the session

* Denotes master
code access only

The above sequence will be shown through out this manual as ☎ [PIN]

Main Menu – Structure

Main Menu – explained

1 - System Status

Press [1] to hear the current status of the security system. Please refer to table on page 53 & 54 for a complete list of system status messages.

2 - System Control

Press [2] to access the System Control menu, this menu allows easy everyday operation of the security system, from arming and disarming individual or multi area systems to bypassing (isolating / excluding) individual zones as required. The internal 185 event log is also accessed from this menu.

↳   **1** - **Security System Status** – Refer to status message table on page 53 & 54

↳   **2** - **Area Control** – This is where areas are armed / disarmed (turned on / off) from either the away or stay modes

↳   **3** - **To Control Zone Bypass** – This is where zone/s are isolated (disabled) and removed from the security systems arming cycle

↳   **4** - **Event History** – This is where the last alarm can be viewed, or the last 185 events, which are stored in the panel's internal log

↳   ***** - **To move back to the main menu**

3 - Intercom Control

Press [3] to access intercom control. An intercom call can be initiated from any external touch-tone phone and a connection established with the outdoor station, individual VoiceNavs or all VoiceNavs. Two-way communication is "voice switching", only one person may speak at any time and the caller has priority. Switching between caller and called parties is automatic, and is controlled by silence on the caller's microphone.

↳   **1** - **To commence listen in mode** – Allows for a remote user to connect and listen in to front door stations / VoiceNavs.

↳   **2** - **To commence two – way communication mode** – Allows for a remote user to connect and engage in a two-way voice call with a front door stations / VoiceNavs.

↳   ***** - **To move back to the main menu**

4 - Output Control

Your security system is supplied with two outputs, and can be configured to control up to a total of 16 outputs. These outputs can be used for a variety of applications, such as Intercom door release, external lighting control, electric shutter control or even garage door control. As additional equipment is required to enable these features, please contact your service provider for further details. Speak with your security provider to discuss possible applications for your installation.

↳ **? #** - **Select an output number followed by hash** – Allows a user to select individual outputs to control

↳ **#** - **For output list** – Informs a user of available outputs for selection.

↳ ***** - **To move back to the main menu**

5 - Message Bank

Press [4] to access the message bank. Separate 10 second entry and exit messages can be recorded, and will be played back to the user who arms (turns on) and disarms (turns off) the security system.

↳ **1** - **Exit message** – A 10 second message that will be played after arming the security system

↳ **2** - **Entry Message** – A 10 second message that will be played after disarming the security system

↳ ***** - **To move back to the main menu**

Note: Existing messages will be overwritten.

0 - System Configuration

Complete customisation of your security system is achieved through this menu. Entry and exit times can be adjusted to suit the individual requirements of the system. You can record names against users, zones, areas, rooms and outputs creating an extremely user-friendly security system. You can also enter / delete the three alarm phone numbers, SMS numbers, and call divert numbers.

Note: voice recording is limited to the first 64 zones. Zones 65 and above can be customized using only library words.

↳ **1** - **User configuration** -

Here you can create PIN codes and assign them to users. A user PIN code is used to arm and disarm areas within your security system. PIN codes are normally 4 digits, however a 6-digit option is available for increased security. Once you have created PIN codes you will need to assign which areas they have access to. For example you may only want a particular users to access selected areas in your security system. Here you can also select User Authority options for each user - this includes creating Master PIN codes. Note - Master Codes can only create, delete or modify user codes with equal or less authority than themselves.

To Configure

↳ **1** - User PIN

↳ **2** - User Area

↳ **3** - User Authority

↳ ***** - To move back to System Configuration menu**.**

↳ **2** - **Time and date -** System time and date is set here. The ComNav has a built in real time clock that will keep accurate time in the event of a total power fail. It will also update its time from the internet (if connected) on a regular basis.

↳ **1** - **Time**

↳ **2** - **Date**

↳ **3** - **Area Entry time -** Independent entry times can be assigned for up to eight areas, values are from 10 seconds to 255 seconds

↳ **4** - **Area Exit time** – Independent exit times can be assigned for up to eight areas, values are from 10 seconds to 255 seconds

↪   **5** - **Phone number configuration** – Alarm phone numbers 1, 2 and 3 will receive a voice message upon the activation of certain events from within the security system. Selected events are global, and will be mapped to all of the three phone numbers. Events are selected by your security provider at the time of installation, or are accessible via the ComNav web interface.

Divert phone numbers 1, 2 and 3 will be called when an intercom call is initiated from an outdoor station. The outdoor station must be interfaced with the Hills Reliance security system via the ComNav. The Hills Reliance security system must also be in the armed condition

SMS phone numbers 1, 2 and 3 will be sent text messages, upon the activation of certain events from within the security system. Each SMS phone number has it's own list of selected events that will be reported. Events are selected by your security provider at the time of installation, or are accessible via the ComNav web interface.

To Configure

↪   **1** - **Alarm phone number One**

↪   **2** - **Alarm phone number Two**

↪   **3** - **Alarm phone number Three**

↪   **4** - **Divert phone number One**

↪   **5** - **Divert phone number Two**

↪   **6** - **Divert phone number Three**

↪   **7** - **SMS phone number One**

↪   **8** - **SMS phone number Two**

↪   **9** - **SMS phone number Three**

↪   ***** - **To move back to System Configuration menu**

↳ **6** - **Voice message recording** – Recording centre for entry / exit messages and users, zones, areas, outputs, room and system names. The ComNav will announce the system name when first connected.

To Record

↳ **1** - **Exit message**

↳ **2** - **Entry message**

↳ **3** - **User name**

↳ **4** - **Zone name***

↳ **5** - **Area name**

↳ **6** - **Output name***

↳ **7** - **Room name**

↳ **8** - **System name**

↳ ***** - **To move back to System Configuration menu**

*Denotes the ability to configure name using the word library

↳ ***** - **To move back to main menu**

Note: You do not need to wait for the Personal Voice Guide (PVG) to finish talking before keying in your selection.

Main menu Controls and examples

Menu 1 - System Status

> ↳ **2.1** **Security System Status**
>
> 2.2 Area Control
>
> 2.3 To Control Zone Bypass
>
> 2.4 Event History

The ComNav will announce the Hills Reliance panel status in the following order

1. *Zone Number / Zone Name*   In Alarm

2. System troubles

> AC power fail, low battery, battery test fail, box tamper, siren trouble, over current fault, time and date loss, communication fault, and telephone line fault.
>
> Expander: AC power fail, low battery, box tamper, communication fault.
>
> Code pad: fire, panic, medical alarm.
>
> Zone number / zone name: fire, tamper, trouble fault, loss of wireless supervision, low battery.

3. *Area / Area name*

> Is On in the away mode, Is On in the stay mode, Is ready, Is not ready, All areas are on in the away mode, All areas are on in the stay mode, armed in the stay mode, All areas are ready
>
> *Zone Number / Zone Name*   Is bypassed, chime is set, is not secure

4. *Time and date*   Optional

How to: Check system status

Step	Example:	Checking system status
1.	☎ [PIN]	Call the ComNav via an offsite touch-tone phone to begin the session.
2.	1	Press [1] for security system status
3.	*	1st star, disconnects session

Menu 2 - System Control

Area Control – Single Area

Disarming: To turn your security system Off, from either the Away or Stay arming modes.
Away Arming: To turn your security system On when you are leaving the premises
Stay Arming: To turn your security system on when you are staying in the premises, this will automatically bypass pre programmed zones and arm others. Mainly utilised for arming just the perimeter of the premises.

Disarm – Single area system

How to: Disarm a single area system

Step	Example:	Disarming
1.	☎ [PIN]	Call the ComNav via an offsite touch-tone phone to begin the session.
2.	2 2 1	Press [2] for system control menu Press [2] for area control menu Press [1] to turn off
3.	* * *	1st star, moves back to system control menu 2nd star, moves back to main menu. 3rd star, disconnects session

Away Arm – Single area system

How to: Away Arm a single area system

Step	Example:	Away Arm
1.	☎ **[PIN]**	Call the ComNav via an offsite touch-tone phone to begin the session.
2.	2 2 2	Press [2] for system control menu Press [2] for area control menu Press [2] two to set in the away mode
3.	* * *	1st star, moves back to system control menu 2nd star, moves back to main menu. 3rd star, disconnects session

Stay Arm – Single area system

How to: Stay Arm a single area system

Step	Example:	Stay Arm
1.	☎ **[PIN]**	Call the ComNav via an offsite touch-tone phone to begin the session.
2.	2 2 3	Press [2] for system control menu Press [2] for area control menu Press [3] to set in the stay mode
3.	* * *	1st star, moves back to system control menu 2nd star, moves back to main menu. 3rd star, disconnects session

Area Control – Multi Area

Areas, also known as partitions, are groups of zones that can be controlled independently, your system can be configured with up to eight areas. The authorization level assigned to a user governs which areas a user can control, which means when they enter their PIN code, only those areas assigned to that user will be selectable. For trouble free multi area control, listen and follow all the voice prompts carefully.
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Away Arm – Multi area system – All Areas

How to: Away Arm all areas in a multi area system

Step	Example:	Arm Away – all areas – Multi area
1.	☎ [PIN]	Call the ComNav via an offsite touch-tone phone to begin the session.
2.	2 2 3	Press [2] for system control menu Press [2] for area control menu Press [3] to set all areas in the away mode
3.	* * *	1st star, moves back to system control menu 2nd star, moves back to main menu. 3rd star, disconnects session

Stay Arm – Multi area system – All Areas

How to: Stay Arm all areas in a multi area system

Step	Example:	Stay Away – all areas – Multi area
1.	☎ [PIN]	Call the ComNav via an offsite touch-tone phone to begin the session.
2.	2 2 4	Press [2] for system control menu Press [2] for area control menu Press [4] to set all areas in the stay mode
3.	* * *	1st star, moves back to system control menu 2nd star, moves back to main menu. 3rd star, disconnects session

Disarm – Multi area system – All Areas

How to: Disarm all areas in a multi area system

Step	Example:	Stay Away – all areas – Multi area
1.	☎ [PIN]	Call the ComNav via an offsite touch-tone phone to begin the session.
2.	2 2 2	Press [2] for system control menu Press [2] for area control menu Press [2] to turn off all areas
3.	✱ ✱ ✱	1st star, moves back to system control menu 2nd star, moves back to main menu. 3rd star, disconnects session

Away Arm – Multi area system – Single Area

How to: Away Arm a single area in a multi area system

Step	Example:	Away arm area 2 in a Multi area system
1.	☎ [PIN]	Call the ComNav via an offsite touch-tone phone to begin the session.
2.	2 2 1	Press [2] for system control menu Press [2] for area control menu Press [1] to control an individual area
3.	2	Select an Area number from 1 ~ 8
4.	2	Press [2], To set in the away mode
5.	✱ ✱ ✱	1st star, moves back to system control menu 2nd star, moves back to main menu. 3rd star, disconnects session

Stay Arm – Multi area system – Single Area

How to: Stay Arm a single area in a multi area system

Step	Example:	Away arm area 2 in a Multi area system
1.	☎ [PIN]	Call the ComNav via an offsite touch-tone phone to begin the session.
2.	2 2 1	Press [2] for system control menu Press [2] two for area control menu Press [1] one to control an individual area
3.	2	Select an Area number from 1 ~ 8
4.	3	Press [3], To set in the stay mode
5.	* * *	1st star, moves back to system control menu 2nd star, moves back to main menu. 3rd star, disconnects session

Disarm – Multi area system – Single Area

How to: Disarm a single area in a multi area system

Step	Example:	Disarm area 2 from within a Multi area system
1.	☎ [PIN]	Call the ComNav via an offsite touch-tone phone to begin the session.
2.	2 2 1	Press [2] for system control menu Press [2] for area control menu Press [1] to control an individual area
3.	2	Select an Area number from 1 ~ 8
4.	1	Press [1], To turn off
5.	* * *	1st star, moves back to system control menu 2nd star, moves back to main menu. 3rd star, disconnects session

Menu 2 - System Control

Bypassing

The zone bypass menu is used to bypass (isolate) selected zones in your security system. A bypassed zone is not capable of activating an alarm, as it is temporarily removed from your system. Bypassing zones lowers your level of security and caution should be exercised. All bypassed zones are reset and cleared from memory when your security system is next armed / disarmed. Your security system must be disarmed (turned off) before being able to bypass zones. After bypassing your selected zones, your security system must be armed (turned On) in either the away or stay mode to secure the remaining zones

How to: Bypass zones within your security system

Step	Example:	Away Arm, Stay Arm or Disarm areas within a Multi area system
1.	☎ [PIN]	Call the ComNav via an offsite touch-tone phone to begin the session.
2.	2 3	Press [2] for system control menu Press [3] to control zone bypass
3.	? #	To control zone bypass, select a zone number followed by #
4.	0	Press 0, to bypass / Un-bypass (Toggles zone from un-bypassed to bypassed Or if already bypassed, from bypassed to un-bypassed)
5.	* * *	1st star, moves back to system control menu 2nd star, moves back to main menu. 3rd star, disconnects session

Menu 2 - System Control

System Event History

The Event History menu is used to listen to the last 185 events that occurred in your security system. These events are held within your security system, and include events such as, arming, disarming, system faults and alarmed zones. All events are time date stamped, so ensure your clock is set correctly. Alarm memory is a quick recall of the last zone(s) that caused your security system to go into alarm condition.

How to: Review event history

Step	Example	To review events held within your security system (up to 185 events are stored)
1.	☎ [PIN]	Call the ComNav via an offsite touch-tone phone to begin the session.
2.	2 4	Press [2] for system control menu Press [4] for event history
3.	2	Press [2], for all event history
3a	?	Press # for next event Press 0, for previous event
4.	✳ ✳ ✳	1st star, moves back to system control menu 2nd star, moves back to main menu. 3rd star, disconnects session

Menu 3 - Intercom Control

An intercom call can be initiated from any external touch-tone phone, and a connection established with the outdoor station (room 9), individual VoiceNavs (1~ 8) or all VoiceNavs (0).
Two-way communication is "voice switching", and the calling party has priority. Switching between caller and called parties is automatic, and is controlled by inactivity (silence) on the caller's microphone.

Listen in mode

How to: Listen in to a VoiceNav code pads / front door station

Step	Example	Listen in to a room station
1.	☎ [PIN]	Call the ComNav via an offsite touch-tone phone to begin the session.
2.	3 1	Press [3] for intercom control menu Press [1] to commence listen in mode
3.	?	Select an individual room number from 1 ~ 9 (9 is outdoor station) Press 0, for all rooms
4.	* * *	1st star, moves back to intercom control menu 2nd star, moves back to main menu. 3rd star, disconnects session

Two-way communication mode

How to: Commence two way communication with a VoiceNav code pad / front door station

Step	Example	Commence two communication with a room station
1.	☎ [PIN]	Call the ComNav via an offsite touch-tone phone to begin the session.
2.	3 2	Press [3] for intercom control menu Press [2] to commence two way communication mode
3.	?	Select an individual room number from 1 ~ 9 (9 is outdoor station) Press 0, for all rooms
4.	* * *	1st star, moves back to intercom control menu 2nd star, moves back to main menu. 3rd star, disconnects session

Note: Automatic room answering must be enabled at the VoiceNav code pad for listen in feature to function correctly. Room 9 is the first outside entrance panel.

`Menu 4` - Output Control

Your security system can be configured to control up to 16 outputs. These outputs can be used for a variety of applications, such as external lighting control, electric shutter control or even garage door control. As additional equipment is required to enable these features, please contact your service provider for further details.

System must be disarmed for this menu to be presented.

How to: Control connected outputs

Step	Example	Turn output On
1.	☎ [PIN]	Call the ComNav via an offsite touch-tone phone to begin the session.
2.	4	Press [4] for output control
3.	? #	Select an output number to control (from 1~16), followed by #
4.	1	Press [1] to turn output On
5.	✱ ✱ ✱	1st star, moves back to output control menu 2nd star, moves back to main menu. 3rd star, disconnects session

How to: Control connected outputs

Step	Example	Turn output Off
1.	☎ [PIN]	Call the ComNav via an offsite touch-tone phone to begin the session.
2.	4	Press [4] for output control
3.	? #	Select an output number to control (from 1~16), followed by #
4.	2	Press [2] to turn output Off
5.	✱ ✱ ✱	1st star, moves back to output control menu 2nd star, moves back to main menu. 3rd star, disconnects session

Menu 5 - Message Bank

> ↳ 5.1   To record an exit message
>
> 5.2   To record an entry message

You can also use your VoiceNav like a digital message board, leaving entry and exit messages for users to hear when they arm / disarm their security system.

Exit message

How to: Record an Exit Message.

Step	Example	To record an exit message for the first time.
1.	☎ [PIN]	Call the ComNav via an offsite touch-tone phone to begin the session.
2.	5 1	Press [5] for message bank Press [1] to record an exit message
	#	Press #, to record a new message
	🗣⟩⟩	Record 10 second Exit message after the beep. (first time only)
	✱ ✱ ✱	1st star, moves back to message bank menu 2nd star, moves back to main menu. 3rd star, disconnects session

Entry message

How to: Record an Entry Message.

Step	Example	To record an entry message for the first time.
1.	☎ [PIN]	Call the ComNav via an offsite touch-tone phone to begin the session.
2.	5 2	Press [5] for message bank Press [2] to record an entry message
	#	Press #, to record a new message
	🗣⟩⟩	Record 10 second Entry message after the beep. (first time only)
	✱ ✱ ✱	1st star, moves back to message bank menu 2nd star, moves back to main menu. 3rd star, disconnects session

Menu 0 - System Configuration

User Configuration

The user configuration menu is where user PIN codes are assigned to users. A user's PIN code is used to arm and disarm areas within your security system. They are generally four digits in length, but can be configured by your service provider to be six digits in length if this level of security is required. The user configuration menu is where you also assign area control and adjust authorization levels to each user. Assigning areas to users, determines which sections (areas) of the security system a user may access. The authorization level determines the options available to that user, user authorization is where you would alter and increase a users authority to become a **Master Code.** Master codes can only create, delete or modify user codes with equal or less authority than themselves.

User PIN – creating

How to: Configure (set up) a new PIN code for a specific user

Step	Example	Configure a PIN code of 2580 to user 5
1.	☎ [PIN]	Call the ComNav via an offsite touch-tone phone to begin the session.
2.	0 1 1	Press [0] for system configuration menu Press [1] for user configuration menu Press [1] for user PIN configuration
3.	5 #	Select a user number followed by # (EG: User 5)
4.	2 5 0 8 #	Select a new PIN code followed by # (EG: 2508)
5.	* * * *	1st star, moves back to user configuration menu 2nd star, moves back to system configuration menu 3rd star, moves back to main menu. 4th star, disconnects session

User PIN – disabling

How to: Disable a pin code from a specific user

Step	Example	Disable the PIN code that is configured for user 5
1.	☎ [PIN]	Call the ComNav via an offsite touch-tone phone to begin the session.
2.	0 1 1	Press [0] for system configuration menu Press [1] for user configuration menu Press [1] for user PIN configuration
3.	5 #	Select a user number followed by # (EG: User 5)
4.	0 #	Press [0] followed by # to disable user
5.	* * * *	1st star, moves back to user configuration menu 2nd star, moves back to system configuration menu 3rd star, moves back to main menu. 4th star, disconnects session

User Area – configuration

How to: Remove area control from a specific user

Step	Example	Remove control of area 2 from user 4. In this example, it is presumed a total of two areas only exist and user 4 has control of both areas..
1.	☎ [PIN]	Call the ComNav via an offsite touch-tone phone to begin the session.
2.	0 1 2	Press [0] for system configuration menu Press [1] for user configuration menu Press [2] for user area configuration
3.	4 #	Select a user number followed by #. (EG user 4)
4.	2	Press the area number to change selection, (EG: deselects area 2) (area / areas can be toggled on / off)
5.	* * * *	1st star, moves back to user configuration menu 2nd star, moves back to system configuration menu 3rd star, moves back to main menu. 4th star, disconnects session

Note: User PIN, creating, deleting
Your control panel determines the number of available user PIN codes, contact your service provider to confirm available user PIN codes on your system.
If you attempt to enter a user PIN code in your security system that is being used by another user, your ComNav will announce PIN *code has failed*, simply select another PIN code.
Keep user PIN information in a safe place and do not disclose your PIN to others

Note: User area configuration
The system must be disarmed before accessing user configuration.
Do not remove all areas from a users area control. Use extreme caution when modifying a user with master code authority.

The system must be disarmed before accessing user configuration.
Do not remove all areas from a users area control. Use extreme caution when modifying a user with master code authority

User Authority – configuration

How to: Configure User Authority

Step	Example	Change user 6 to a master code.
1.	☎ [PIN]	Call the ComNav via an offsite touch-tone phone to begin the session.
2.	0 1 3	Press [0] for system configuration menu Press [1] for user configuration menu Press [3] for user authority configuration
3.	6 #	Select a user number followed by #. (EG User 6)
4.	4	Press the option number (from 1 ~ 8) to change selection. (EG: option 4 = Master code) Refer to table 1 below for complete list of selectable user authority options
5.	* * * *	1st star, moves back to user configuration menu 2nd star, moves back to system configuration menu 3rd star, moves back to main menu. 4th star, disconnects session

Table 1.	**User Authority Options Selection Table**		
①	Reserved	⑤	Arm / disarm code
②	Arm Only	⑥	Allowed to bypass zones
③	Arm only after close window	⑦	User code will send open, close reports
④	Master code authority	⑧	Must not be be selected.

Menu 0 - System Configuration

0.1　User Configuration

↳ **0.2　Time & Date**

0.2.1　Time
0.2.2　Date

0.3　Area Entry Time

0.4　Area Exit Time

0.5　Phone number configuration

0.6　Voice message recording

Time and Date Configuration

Having the correct time and date is essential for accurate reviewing of the internal log.
VoiceNav code pads can also be configured to announce the time and date whenever the system is armed or disarmed.

How to: Configure the Time and Date

Step	Example	Setting the time as 9.30AM, and the date as 19.6.2010
1.	☎ [PIN]	Call the ComNav via an offsite touch-tone phone to begin the session.
2.	0 2 1	Press [0] for system configuration menu Press [2] for time and date configuration menu Press [1] for time configuration
3.	9 #	Select the hours value from 1 ~ 12, followed by #. (EG 9 O'Clock)
4.	3 0 #	Selects the minutes value, followed by #. (EG: 30 Minutes)
5.	1	Press 1, to set AM time. (EG: AM time) Press 2, to set PM time
		Time change is complete, move to step 6 only if you wish to change the date, otherwise move directly to step 10 and exit the system.
6.	2	Press [2] to configure the date
7.	1 9 #	Select the day value from 1 ~ 31, followed by # (EG: 19th day)
8.	6 #	Select the month value from 1 ~ 12, followed by #. (EG: June 6th month)
9.	2 0 1 0 #	Select a 4 digit year value, followed by #. (EG year 2010)
10.	* * *	1st star, moves back to system configuration menu 2nd star, moves back to main menu 3rd star, disconnects session

Menu 0 - System Configuration

0.1   User Configuration

0.2   Time & Date

↳ **0.3   Area Entry Time**

0.4   Area Exit Time

0.5   Phone number configuration

0.6   Voice message recording

Area Entry time Configuration

Area Entry time – Independent entry times can be assigned for up to eight areas, values are from 10 seconds to 255 seconds

How to: Adjust the area Entry time

Step	Example	Adjust area entry times
1.	☎ [PIN]	Call the ComNav via an offsite touch-tone phone to begin the session.
2.	0 3	Press [0] for system configuration menu Press [3] for area entry times
3.	?	Select an area number to configure. (from 1 ~ 8)
4.	? #	*Select a new area entry time (10 ~ 255 seconds) followed by #.*
5.	* * * *	1st star, moves back to step 3, select an area number to configure 2nd star, moves back to system configuration menu 3rd star, moves back to main menu. 4th star, disconnects session

Menu 0 - System Configuration

0.1 User Configuration

0.2 Time & Date

0.3 Area Entry Time

↳ **0.4 Area Exit Time**

0.5 Phone number configuration

0.6 Voice message recording

Area Exit time Configuration

Area Exit time – Independent entry times can be assigned for up to eight areas, values are from 10 seconds to 255 seconds

How to: Adjust the area Exit time

Step	Example	Adjust area entry times
1.	☎ [PIN]	Call the ComNav via an offsite touch-tone phone to begin the session.
2.	0 4	Press [0] for system configuration menu Press [4] for area exit times
3.	?	Select an area number to configure. (from 1 ~ 8)
4.	? #	*Select a new area exit time (10 ~ 255 seconds) followed by #.*
5.	* * * *	1st star, moves back to step 3, select an area number to configure 2nd star, moves back to system configuration menu 3rd star, moves back to main menu. 4th star, disconnects session

`Menu 0` - System Configuration

       0.1   User Configuration

       0.2   Time & Date

       0.3   Area Entry Time

       0.4   Area Exit Time

↳ **0.5**   **Phone number configuration**

           0.5.1   Alarm phone number One

           0.5.2   Alarm phone number Two

           0.5.3   Alarm phone number Three

           0.5.4   Divert phone number One

           0.5.5   Divert phone number Two

           0.5.6   Divert phone number Three

           0.5.7   SMS phone number One

           0.5.8   SMS phone number Two

           0.5.9   SMS phone number Three

       0.6   Voice message recording

Alarm, Divert & SMS Phone Number Configuration

Alarm phone numbers 1, 2 and 3 will receive a voice message upon the activation of certain events from within the security system. Selected events are global, and will be mapped to all of the three phone numbers. Events are selected by your security provider at the time of installation, or are accessible via the ComNav web interface.

Divert phone numbers 1, 2 and 3 will be called when an intercom call is initiated from an outdoor station. The outdoor station must be interfaced with the Hills Reliance security system via the ComNav. The Hills Reliance security system must also be in the armed condition

SMS phone numbers 1, 2 and 3 will be sent text messages, upon the activation of certain events from within the security system. Selected events are not global, and can be mapped to any or all of the three phone numbers. Events are selected by your security provider at the time of installation, or are accessible via the ComNav web interface

Create – Alarm, Divert & SMS Phone Numbers

How to: Enter Phone Numbers.

Step	Example	Enter Alarm or Divert or SMS phone numbers
1.	☎ [PIN]	Call the ComNav via an offsite touch-tone phone to begin the session.
2.	0 5	Press [0] for system configuration menu Press [5] for phone number configuration
3.	?	Select the phone number you are editing Press 1, to configure alarm phone number 1 Press 2, to configure alarm phone number 2 Press 3, to configure alarm phone number 3 Press 4, to configure divert phone number 1 Press 5, to configure divert phone number 2 Press 6, to configure divert phone number 3 Press 7, to configure SMS phone number 1 Press 8, to configure SMS phone number 2 Press 9, to configure SMS phone number 3
4.	Phone No. #	Select a new alarm / divert / SMS phone number, followed by #
5.	✱ ✱ ✱ ✱	1st star. Move back to step 3, phone number selection 2nd star, moves back to system configuration menu 3rd star, moves back to main menu 4th star, disconnects session

Delete – Alarm, Divert & SMS Phone Numbers

How to: Delete Phone Numbers.

Step	Example	Delete Alarm or Divert or SMS phone numbers
1.	☎ [PIN]	Call the ComNav via an offsite touch-tone phone to begin the session.
2.	0 5	Press [0] for system configuration menu Press [5] for phone number configuration Select the number you are editing
3.	?	Press 1, to configure alarm phone number 1 Press 2, to configure alarm phone number 2 Press 3, to configure alarm phone number 3 Press 4, to configure divert phone number 1 Press 5, to configure divert phone number 2 Press 6, to configure divert phone number 3 Press 7, to configure SMS phone number 1 Press 8, to configure SMS phone number 2 Press 9, to configure SMS phone number 3
4.	0 #	Press 0 followed by # to disable alarm / divert / SMS phone number
5.	✱ ✱ ✱ ✱	1st star. Move back to step 3, phone number selection 2nd star, moves back to system configuration menu 3rd star, moves back to main menu 4th star, disconnects session

Menu 0 - System Configuration

0.1   User Configuration

0.2   Time & Date

0.3   Area Entry Time

0.4   Area Exit Time

0.5   Phone number configuration

↳ **0.6   Voice message recording**

  0.6.1   *To record an exit message*
  0.6.2   *To record an entry message*
  0.6.3   *To record a user name*
  0.6.4   *To record or configure a zone name*
  0.6.5   *To record or configure an area name*
  0.6.6   *To record or configure an output name*
  0.6.7   *To record or configure a room name*
  0.6.8   *To record a system name*

Voice message recording

This is the recording centre for user names, zone names, area names, output names, room names and system names. The voice message-recording menu also offers an alternant location for the recording of entry and exit messages (previously described under menu 5 – Message bank).

Once recorded, a system name will be announced every time a new dial in session is established with the ComNav. This is ideal when monitoring multiple sites.

Apart from voice recordings, zones, areas, outputs and rooms can be configured using pre-recorded words from the word library. You may string up to eight words together to achieve your desired description.

Please note that voice recording is limited to the first 64 zones, pre-recorded library words must be used for all additional zones above zone 64.

Exit Message Recording

How to: Record an Exit message

Step	Example	To record a new eit message, from the Voice message recording menu
1.	☎ [PIN]	Call the ComNav via an offsite touch-tone phone to begin the session.
2.	0 6 1	Press [0] for system configuration menu Press [6] for voice message recording Press [1] to record an exit message
3.	#	Press #, to record a new exit message
4.	🗣))	Record 10 second exit message after the beep
5.	* * * *	1st star, moves back to voice message recording menu 2nd star, moves back to system configuration menu 3rd star, moves back to main menu 4th star, disconnects session

Entry message Recording

How to: Record an Exit message

Step	Example	To record a new eit message, from the Voice message recording menu
1.	☎ [PIN]	Call the ComNav via an offsite touch-tone phone to begin the session.
2.	0 6 2	Press [0] for system configuration menu Press [6] for voice message recording Press [2] to record an exit message
3.	#	Press #, to record a new exit message
4.	🗣))	Record 10 second exit message after the beep
5.	* * * *	1st star, moves back to voice message recording menu 2nd star, moves back to system configuration menu 3rd star, moves back to main menu 4th star, disconnects session

# User Name – Voice Recording

How to: Record a user name

Step	Example	To record a new user name, and add this new recording to connected VoiceNav code pads.
1.	☎ [PIN]	Call the ComNav via an offsite touch-tone phone to begin the session.
2.	0 6 3	Press [0] for system configuration menu Press [6] for voice message recording Press [3] to record or configure a user name
3.	? #	Select a user number to record, followed by #
4.	#	Press #, to record a new user name
5.	🗣))	Record 3 second user name after the beep
6.	* * * *	1st star, moves back to step 4, (select a user number to record) 2nd star, moves back to voice message recording menu 3rd star, moves back to main menu 4th star, disconnects session

Note: If your system is configured with VoiceNav code pads, you will be prompted to either copy changed recordings or copy all recordings when exiting this menu. Copy changed recordings, will only add the latest recordings whilst selecting copy-all recordings will overwrite all recordings, new and old. Please contact your security provider to verify how your system is configured.

Zone Name – Voice Recording

How to: Record a zone name

Step	Example	To record a new zone name, and add this new recording to connected VoiceNav code pads.
1.	☎ [PIN]	Call the ComNav via an offsite touch-tone phone to begin the session.
2.	0 6 4	Press [0] for system configuration menu Press [6] for voice message recording Press [4] to record or configure a zone
3.	? #	Select a zone number to record or configure, followed by #
4.	#	Press #, to record a new zone name
5.	🗣)))	Record 3 second zone name after the beep
6.	✱ ✱ ✱ ✱	1st star, moves back to step 4, (select a zone number to record) 2nd star, moves back to voice message recording menu 3rd star, moves back to main menu 4th star, disconnects session

Zone Name – library word configuration

To configure a zone name using words from the word library (page 55) instead of recording your own voice, replace steps 4 and 5 above with the following steps. Example: Dining room sensor
Up to eight library words can be strung together to achieve your desired phrase.

4.	2	Press [2], To configure a new zone name
5	5 3 #	Select library word one, followed by #. (EG: Dining = word 53)
	1 1 7 #	Select library word two, followed by #. (EG: Room = word 117)
	1 2 1 #	Select library word three, followed by #. (EG: Sensor = word 121)

Note: If your system is configured with VoiceNav code pads, you will be prompted to either copy changed recordings or copy all recordings when exiting this menu. Copy changed recordings, will only add the latest recordings whilst selecting copy-all recordings will overwrite all recordings, new and old. Please contact your security provider to verify how your system is configured.
For multiple recordings, press * once at step 6, which will take you back to step 4, this will allow additional recordings without exiting the system

Area Name – Voice Recording

How to: Record a area name

Step	Example	To record a new area name, and add this new recording to connected VoiceNav code pads.
1.	☎ [PIN]	Call the ComNav via an offsite touch-tone phone to begin the session.
2.	0 6 5	Press [0] for system configuration menu Press [6] for voice message recording Press [5] to record or configure a area name
3.	? #	Select a area number to record or configure, followed by #
4.	#	Press #, to record a new area name
5.	🗣️))	Record 3 second area name after the beep
6.	✱ ✱ ✱ ✱	1st star, moves back to step 4, (select a area number to record) 2nd star, moves back to voice message recording menu 3rd star, moves back to main menu

Area Name – library word configuration

To configure a area name using words from the word library (page 55) instead of recording your own voice, replace steps 4 and 5 above with the following steps. Example: Warehouse
Up to eight library words can be strung together to achieve your desired phrase.

4.	2	Press [2], To configure a new area name
5	1 4 5 #	Select library word one, followed by #. (EG: Warehouse = word 145)

Note: If your system is configured with VoiceNav code pads, you will be prompted to either copy changed recordings or copy all recordings when exiting this menu. Copy changed recordings, will only add the latest recordings whilst selecting copy-all recordings will overwrite all recordings, new and old. Please contact your security provider to verify how your system is configured.
For multiple recordings, press * once at step 6, which will take you back to step 4, this will allow additional recordings without exiting the system

Output Name – Voice Recording

How to: Record an output name

| Step	Example	To record a output name, and add this new recording to connected VoiceNav code pads.
1.	☎ [PIN]	Call the ComNav via an offsite touch-tone phone to begin the session.
2.	0 6 6	Press [0] for system configuration menu Press [6] for voice message recording Press [6] to record or configure a output name
3.	? #	Select a output number to record or configure, followed by #. (from 1~ 16)
4.	#	Press #, to record a new output name
5.	📢	Record 3 second output name after the beep
6.	* * * *	1st star, moves back to step 4, (select a output number to record) 2nd star, moves back to voice message recording menu 3rd star, moves back to main menu

Output Name – library word configuration

To configure an output name using words from the word library (page 55) instead of recording your own voice, replace steps 4 and 5 above with the following steps. Example: East side light
Up to eight library words can be strung together to achieve your desired phrase.

4.	2	Press [2], To configure a new zone name
5	5 8 #	Select library word one, followed by #. (EG: East = word 58)
	1 2 5 #	Select library word two, followed by #. (EG: Side = word 125)
	9 5 #	Select library word three, followed by #. (EG: Light = word 95)

Note: If your system is configured with VoiceNav code pads, you will be prompted to either copy changed recordings or copy all recordings when exiting this menu. Copy changed recordings, will only add the latest recordings whilst selecting copy-all recordings will overwrite all recordings, new and old. Please contact your security provider to verify how your system is configured.
For multiple recordings, press * once at step 6, which will take you back to step 4, this will allow additional recordings without exiting the system

Room Name – Voice Recording

How to: Record a room name

Step	Example	To record a room name, and add this new recording to connected VoiceNav code pads.
1.	☎ [PIN]	Call the ComNav via an offsite touch-tone phone to begin the session.
2.	0 6 7	Press [0] for system configuration menu Press [6] for voice message recording Press [7] to record or configure a room name
3.	? #	Select a output number to record or configure, followed by #. (from 1~ 16)
4.	#	Press #, to record a new room name
5.	🗣)))	Record 3 second room name after the beep
6.	* * * *	1st star. Move back to step 4, (select a room number to record) 2nd star, moves back to voice message recording menu 3rd star, moves back to main menu

Room Name – library word configuration

To configure a room name using words from the word library (page 55) instead of recording your own voice, replace steps 4 and 5 above with the following steps. Example: Bedroom 1.
Up to eight library words can be strung together to achieve your desired phrase.

4.	2	Press [2], To configure a new zone name
5	3 8 #	Select library word one, followed by #. (EG: Bedroom = word 38)
	1 #	Select library word two, followed by #. (EG: One = word 1)

Note: If your system is configured with VoiceNav code pads, you will be prompted to either copy changed recordings or copy all recordings when exiting this menu. Copy changed recordings, will only add the latest recordings whilst selecting copy-all recordings will overwrite all recordings, new and old. Please contact your security provider to verify how your system is configured.
For multiple recordings, press * once at step 6, which will take you back to step 4, this will allow additional recordings without exiting the system

System Name – Voice Recording

How to: Record a system name to the ComNav

Step	Example	To record a system name for the ComNav.
1.	☎ [PIN]	Call the ComNav via an offsite touch-tone phone to begin the session.
2.	0 6 8	Press [0] for system configuration menu Press [6] for voice message recording Press [8] for system name recording
3.	#	Press #, to record a new message
4.	🗣)))	Record 3 second room name after the beep
5.	* *	1st star. Moves back to voice message recording menu 2nd star, moves back to main menu
6.	?	Note: This menu will only be presented if your system is configured with VoiceNav code pads, otherwise proceed directly to step 8. Press [1], to copy changed recordings Press [2], to copy all recordings
7.	*	3rd star, disconnects session

Accessing the ComNav – Via the onboard Web Server

The ComNav has an onboard web server that offers a very friendly interface for users to carryout system maintenance and control over their LAN or WAN. Please speak with your security provider regarding how your system has been configured.
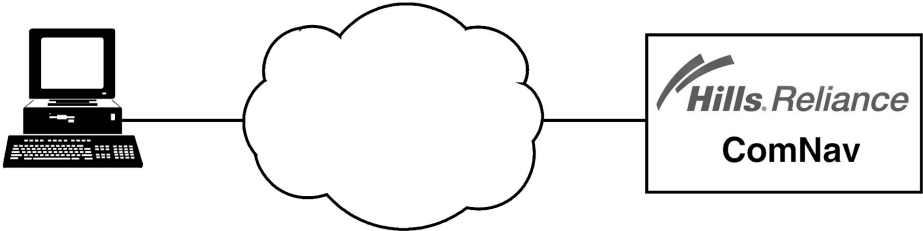
Navigating to the ComNav
To navigate to the ComNav, open your web browser and enter the ComNavs IP address directly into the browsers, Example as per diagram 1. Depending on setup, you may also be able to navigate directly to the ComNav by entering "ComNav" directly into the browsers address window as per figure Diagram 2.
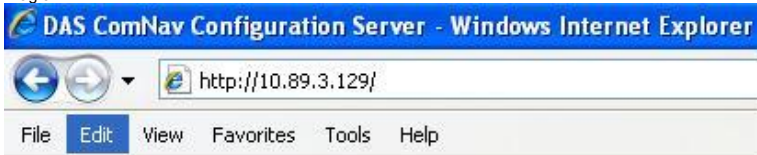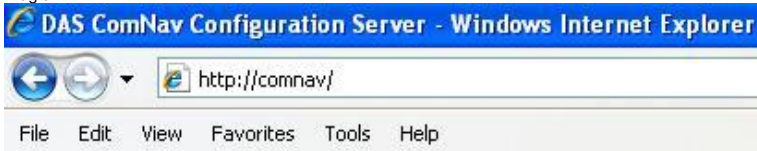
Diagram 1

Diagram 2

Note: SSL or Secure Sockets Layer, is a security protocol for communications over networks such as the Internet. If SSL is enabled your URL will begin with *https:* instead of *http:* You will also receive a warning window "There is a problem with this websites security certificate", choose "continue to this website" to connect to the ComNav.

Welcome page

When successfully connected, the ComNav will serve up the "welcome page". To access the main menu enter the required user name and password as supplied by your security provider.

        User name: ………………

        Password: ………………

Note: Username is case sensitive

Access levels

There are two access levels available to users, master code or standard user codes. Master codes have greater authority and are able to access more features, the two different menus are shown below.

Main Login Menu (Web) – Master User Code

Logout
Status and Control
Voice Reporting
Users
SMS Reporting
Call Divert
Email Reporting

Welcome to the ComNav Configuration Server!

This page is being served by the ComNav at the address specified. To configure a specific item select from the list to the left.
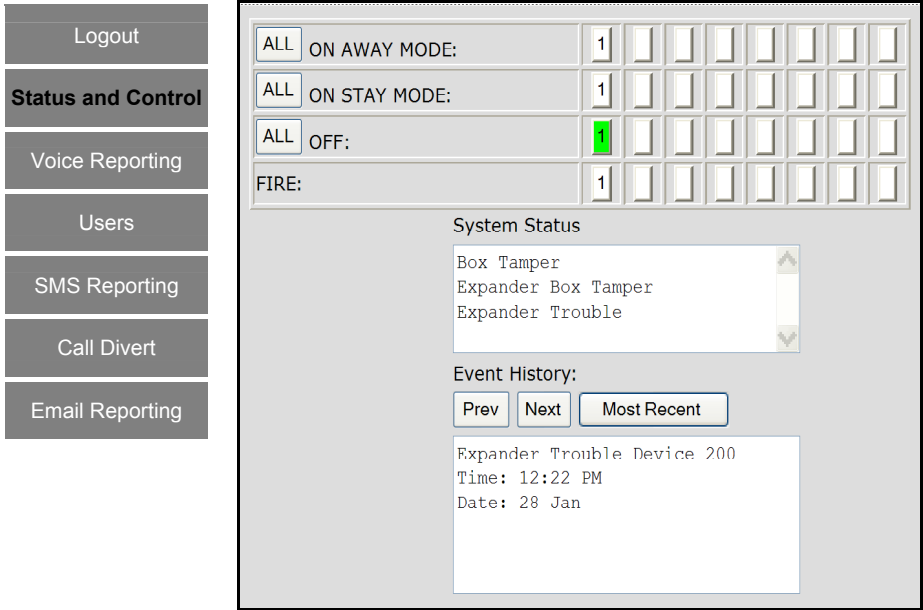
Main Login Menu (Web) – Standard User Code

Logout
Status and Control

Welcome to the ComNav Configuration Server!

This page is being served by the ComNav at the address specified. To configure a specific item select from the list to the left.

Status and Area Control

This menu allows for easy operation of the Hills Reliance security system, from arming and disarming individual areas to reviewing the systems 185 event log.

Up to 8 active areas can be displayed, and control can be individual or as a group. Active areas will be populated on the buttons on the right, with the screen shot above showing only one active area, with all zones secure and disarmed.

To arm (turn on) an individual area/s, click on the area number/s in the "On Away Mode" row. To fully arm all areas, click the "All" button in the "On Away Mode" row. The corresponding area number/s will illuminate red indicating a successful arm of that area.

To stay arm (partially turn on) an individual area/s, click on the area number in the "On Stay Mode" row. To stay arm all areas, click the "All" button in the "On Stay Mode" row. The corresponding area number/s will illuminate yellow indicating a successful stay arm of that area.

To disarm area/s from either the stay or away arming modes, click on the area number to be disarmed in the "Off" row. To disarm all areas, click the "All" button in the "Off" row. The corresponding area number/s will stop illuminating red indicating a successful disarm of that area.

Area number showing	Area is active, but some zones are not secure
Green	Area is active, and all zones are secure
Yellow	Area is armed in the stay mode
Red	Area is armed in the away mode

Prev – (Previous) will display the previous consecutive event from the internal event log to what is currently displayed.

Next – Will display the next consecutive event from the internal event log to what is currently displayed.

Most Recent – Will display the current (latest) existing event from the internal event log.

Current System faults will be displayed in the System Status window and the systems past 185 event log can be accessed via the "prev" (previous) button in the event history window.

Voice Reporting

	Dial Attempts:	6		
Logout	Voice Events:			
Status and Control	☑ Alarms	☑ Restores	☑ Open/Close	☑ Bypass
Voice Reporting	☑ Zone Troub	☑ Power Troub	☑ Tampers	☑ Test Rept
	☑ System Troub	☑ Report Fail	☑ Sensor Troub	☑ Prog Mode
Users	☑ Cancel	☑ Recent Close	☑ Reserved	☑ Reserved
SMS Reporting	Phone 1:			
Call Divert	Phone 2:			
Email Reporting	Phone 3:			
		Save Config		

Alarm phone numbers 1, 2 and 3 will receive a voice message upon the selected event in the Voice event window being enabled and activated. The voice events are global for all three alarm phone numbers.

Users

The user configuration menu is where user PIN codes are assigned to users, a user code is used to arm and disarm areas within your security system. They are generally four digits in length, but can be configured to be six digits in length if this level of security is required (contact your security provider to enable 6 digit PINs). The user configuration menu is where you also assign area control and adjust authorisation levels to each user. Assigning areas to users, determines which sections (areas) of the security system a user may access. The authorisation level determines the options available to that user, user authorisation is where you would alter and increase a users authority to become a **Master Code.** Master codes can only create, delete or modify user codes with equal or less authority than themselves.

SMS Reporting

Logout	**SMS Server:**		125107		
Status and Control	**SMS Phone 1:**				
Voice Reporting	☑ Alarms	☑ Restores	☑ Open/Close	☑ Bypass
	☑ Zone Troub	☑ Power Troub	☑ Tampers	☑ Test Rept
Users	☑ System Troub	☑ Report Fail	☑ Sensor Troub	☑ Prog Mode
	☑ Cancel	☑ Recent Close	☑ Reserved	☑ Reserved
SMS Reporting	**SMS Phone 2:**				
Call Divert	☑ Alarms	☑ Restores	☑ Open/Close	☑ Bypass
	☑ Zone Troub	☑ Power Troub	☑ Tampers	☑ Test Rept
Email Reporting	☑ System Troub	☑ Report Fail	☑ Sensor Troub	☑ Prog Mode
	☑ Cancel	☑ Recent Close	☑ Reserved	☑ Reserved

SMS Phone 3:

☑ Alarms	☑ Restores	☑ Open/Close	☑ Bypass
☑ Zone Troub	☑ Power Troub	☑ Tampers	☑ Test Rept
☑ System Troub	☑ Report Fail	☑ Sensor Troub	☑ Prog Mode
☑ Cancel	☑ Recent Close	☑ Reserved	☑ Reserved

Save Config

SMS phone numbers 1, 2 and 3 will receive a SMS message upon the selected event in the associated SMS event window being enabled and activated. Enter the SMS server phone number and the mobile numbers that are to receive SMS messages. Individual user names can be reported if entered under the "Users" tab of this web interface.

Use Telstra's SMS Service for sending SMS to mobile phones via phone line Modem. This option is charged to your originating line as a timed mobile call. Other companies may provide a similar service, Please consult the relevant company for details of their charges and to confirm connection details.
Phone Number: 125107

SMS Examples
9Feb 2010 16:14:48
User Arming: Account XXXX – Turn On
Area 1 –Fred

9Feb 2010 16:14:48
Panic Button on code pad: Account XXXX – Code pad panic
Area 1

Call Divert

Logout	
Status and Control	Divert Phone 1: [ ]
Voice Reporting	Divert Phone 2: [ ]
Users	Divert Phone 3: [ ]
SMS Reporting	[Save Config]
Call Divert	
Email Reporting	

Divert phone numbers 1, 2 and 3 will be called when an intercom call is initiated from an outdoor station. The outdoor station must be interfaced with the Hills Reliance security system via the ComNav. The Hills Reliance security system must be in the armed condition for call divert to operate.

Email Reporting – Only experienced persons should attempt to configure this page, please contact your system administrator for correct settings.

Logout	**SMTP Server:** [_____] **Port:** [25]
Status and Control	☐ Use SSL
Voice Reporting	**User Name:** [_____]
Users	**Password:** [_____]
	Return Address: [_____]
SMS Reporting	
Call Divert	**Email 1 Address:** [_____]
Email Reporting	

Email 1 Address: [_____]

☑ Alarms	☑ Restores	☑ Open/Close	☑ Bypass
☑ Zone Troub	☑ Power Troub	☑ Tampers	☑ Test Rept
☑ System Troub	☑ Report Fail	☑ Sensor Troub	☑ Prog Mode
☑ Cancel	☑ Recent Close	☑ Reserved	☑ Reserved

Email 2 Address: [_____]

☑ Alarms	☑ Restores	☑ Open/Close	☑ Bypass
☑ Zone Troub	☑ Power Troub	☑ Tampers	☑ Test Rept
☑ System Troub	☑ Report Fail	☑ Sensor Troub	☑ Prog Mode
☑ Cancel	☑ Recent Close	☑ Reserved	☑ Reserved

Email 3 Address: [_____]

☑ Alarms	☑ Restores	☑ Open/Close	☑ Bypass
☑ Zone Troub	☑ Power Troub	☑ Tampers	☑ Test Rept
☑ System Troub	☑ Report Fail	☑ Sensor Troub	☑ Prog Mode
☑ Cancel	☑ Recent Close	☑ Reserved	☑ Reserved

[Save Config]

SSL: SSL or Secure Sockets Layer, is a security protocl for communications over networks such as the Internet.

SMTP Server: ISPs outgoing mail server address, either their actual IP address or their domain name.

Port: Selected port used for outgoing mail

User Name & Password: As required by your SMTP Server

Return address: This setting specifies the *From* and *Reply-to* **email address** to use with system generated emails. With the increase in spam on the internet, many email servers will not accept emails without a valid From or Reply-to address, therefore we strongly recommend filling this field out.

Email addresses 1, 2 and 3: Enter up to three the Email address, which will receive Emails upon the selected event in the associated email window being activated.

Email Reporting – examples

	Email Examples
User Arming:	Turn on Away Mode Area 1 Fred Time: 11:55 AM Date: 19 Jun
Panic Button on code pad:	Codepad Panic Alarm Area 1 Time: 11:55 AM Date: 19 Jun

System Status Message Table

System Status Messages Table
Zone Number / Zone Name
In Alarm – This zone has triggered a system alarm condition **Is bypassed** – This zone is isolated (disabled) and will not activate an alarm **Chime is set** – This zone is part of the chime group **Is not secure** – This zone is not closed **Fire alarm** – This zone has triggered a fire alarm **Tamper** – This zone has triggered a tamper alarm **Trouble fault** – This zone has an open circuit **Loss of wireless supervision** – This zone is a wireless device and has lost its communication link with the control panel **Low battery** – This zone is a wireless device and needs its battery changed

Area Number / Area Name
Is On in the away mode – This area is armed in the away mode **Is On in the stay mode** – This area is armed in the stay mode **Is ready** – This area is secure and ready to be armed **Is not ready** – This area is NOT ready to be armed, a zone is not secure **All areas are on in the away mode** – All areas in this multi partition system are armed in the away mode **All areas are on in the stay mode** – All areas in this multi partition system are armed in the stay mode **All areas are ready** – All areas in this multi partition system are secure and ready to be armed

System
AC power fail – The security system has lost its electricity power **Low battery** – The security system's back up battery requires charging **Battery test fail** – The security system's back up battery requires changing **Box tamper** – The security system's cabinet tamper input has activated **Siren trouble** – The security system's external siren has a problem **Over current** – The security system is drawing too much current **Time and date loss** The security system time and date need resetting **Communication fault** – The security system has detected a problem with the phone line

Expander
Low battery – A remote power supply's back up battery requires charging **AC power fail** – A remote power supply has lost its electricity power **Box tamper** – An expander's cabinet tamper input has activated

Code Pad
Fire alarm – A fire alarm has been activated at the code pad **Panic** – A panic alarm has been activated at the code pad **Medical** – A medical alarm has been activated at the code pad

Word Library

#	Word	#	Word	#	Word	#	Word
1	One	39	Boat	77	Gun	115	Remote
2	Two	40	Cabinet	78	Hall	116	Roof
3	Three	41	Car park	79	Hallway	117	Room
4	Four	42	Ceiling	80	Heat	118	Rumpus
5	Five	43	Cellar	81	Heating	119	Safe
6	Six	44	Child's	82	Hold-up	120	Security
7	Seven	45	Alert	83	Home	121	Sensor
8	Eight	46	Closet	84	Home theatre	122	Shed
9	Nine	47	Computer	85	Infrared	123	Shock
10	Ten	48	Cool	86	Inside	124	Shop
11	Eleven	49	Curtain	87	Instant	125	Side
12	Twelve	50	Data	88	Interior	126	Skylight
13	Thirteen	51	Den	89	Key switch	127	Sliding
14	Fourteen	52	Detector	90	Keychain	128	Small
15	Fifteen	53	Dining	91	Kitchen	129	Smoke
16	Sixteen	54	Door	92	Large	130	South
17	Seventeen	55	Downstairs	93	Laundry	131	Stairs
18	Eighteen	56	Driveway	94	Lift	132	Storage
19	Nineteen	57	Duress	95	Light	133	Study
20	Twenty	58	East	96	Living	134	Temperature
21	Thirty	59	emergency	97	location	135	tennis
22	Forty	60	Exterior	98	Master	136	Toilet
23	Fifty	61	Family	99	Medicine	137	Training
24	Sixty	62	Fan	100	Meeting	138	T V
25	Seventy	63	Fence	101	Motion	139	Upstairs
26	Eighty	64	Fire	102	Night	140	User
27	Ninety	65	Forced, arm	103	North	141	Utility
28	Hundred	66	Foyer	104	Nursery	142	Volt
29	Thousand	67	Freezer	105	Office	143	Veranda
30	Air conditioner	68	Front	106	Output	144	Wall
31	Area	69	Games	107	Outside	145	Warehouse
32	Attic	70	Garage	108	Panic	146	Water
33	Automatic	71	Gas	109	Pantry	147	West
34	Auxiliary	72	Gate	110	Partial	148	Window
35	Back	73	Glass	111	Perimeter	149	Windows
36	Basement	74	Glass break	112	Pool	150	Wireless
37	Bathroom	75	Ground	113	Rear	151	Yard
38	Bedroom	76	Guest	114	Reception	152	Zone
						153	Gym