# Conettix D6200



ΕN

Operation and Installation Guide Programming/Administr ation Software



# Contents

1.0	Getting Started3
1.1	Network Communications3
2.0	Installation5
2.1	Installing the D6200 Application5
2.2	Installing Sentinel Protection Server
2.2.1	General Information6
2.2.2	Supported Platforms6
2.2.3	Installation Procedure6
2.2.4	Verifying Sentinel Protection Server
	Operation8
3.0	Operation9
3.1	Log On9
3.2	Environment Option9
3.3	Connection Settings10
3.3.1	RS-232 Connection
3.3.2	Network Connection10
3.3.3	Password Protection12
3.4	D6200 Icon Bar 13
3.5	D6200 Administration 14
351	User Management 14
352	Changing User Password 15
353	Environment Ontion 15
3.6	TeleCom Configuration 16
361	CPU Configuration 16
362	Line Card Configuration 17
363	Default Line Configuration from D6200
5.0.5	Software 10
364	Copying Selected Line Configuration from
0.0.4	D6200 Software 20
37	Network Configuration 21
371	Opening the Configuration File 21
372	Reading the Configuration File 21
373	Editing the Configuration File 21
371	Sending the Configuration File 22
3.8	Databases 22
381	Caller ID (D6600 Only) $22$
382	DNIS (D6600 Only)
383	Network Accounts 26
3.0.3	Modiffing individual accounts 36
295	Searching for Account 27
2.0.5	COOD Commands
3.0.0 2.0	Votvork Utilities
3.9	Cheve Account Status
3.9.1	Show Account Status
3.9.2	Network Device Setup
3.10	System Management45
3.10.1	Event Database
3.10.2	Date/Time Synchronizations48
3.10.3	Firmware Version
3.11	Firmware Utilities
3.11.1	One Button Backup49
3.11.2	One Button Restore
3.11.3	One Button Tech Support49

3.12	Language and Help Menus50
3.12.1	Language Menu50
3.12.2	Help Menu50
4.0	Upgrading the Software51
4.1	Performing a One-Button Upgrade
4.2	Line Card Firmware Setup (D6600 only) 52
4.3	Manual Upgrade Wizard53
4.4	Backing Up the D6600/D6100IPv6
	Configuration and Database Files54
4.4.1	CPU/Network Configuration54
4.4.2	Line Configuration54
4.4.3	Caller ID Database (D6600 Only)54
4.4.4	DNIS Database (D6600 Only)54
4.4.5	Network Account Database 55
4.5	Manually Upgrading the CPU Firmware 55
4.6	Reloading the Configuration File55
4.6.1	CPU Configuration File 55
4.6.2	Line Configuration File55
4.6.3	Caller ID Database Configuration File (D6600
	Only)
4.6.4	DNIS Database Configuration File (D6600
405	Uniy)
4.6.5	Network Account Database Configuration File
17	Upgrading the D6640 Line Card Eirmware
4.1	(v01 xy xy) 56
48	Ungrading the D6640 Line Card Firmware
4.0	(v02.xx.xx)
4.9	Upgrading the D6x41 Line Card Firmware . 57
4.10	Upgrading the D6600 System Files
5.0	Troubleshooting
5.1	Uninstalling the D6200 Software
5.2	Assigning IP Addresses Using Telnet
5.2.1	Initial Assignment of the IP Address Using
	ARP
5.2.2	Using Telnet to Complete the IP Address
	Configuration59
5.3	Using the Ping Utility60
6.0	Specifications61

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# Action Icon Legend



Double-click the left mouse button.

Click the left mouse button once.

Click and hold the left mouse button, then drag the mouse.

Click the right mouse button once.

Press a key.

# 1.0 Getting Started

# 1.1 Network Communications

The Conettix D6600/D6100IPv6 Communications Receiver/Gateway system supports data network communications. This allows the receiver to connect to Ethernet networks, and process messages both to and from most networks in user datagram protocol (UDP) or internet protocol (IP). For a D6600, use a COM4 or a COM1 connection to connect to the D6686, D6682, or D6680 network adapter. For the D6100IPv6, it includes the Ethernet adapter port. Reports from alarm control panels on the public switched telephone network (PSTN), or another data network, can be sent to the central station automation software through a local-area network (LAN) or widearea network (WAN). Alarm control panels' status and connections can be monitored over the network. Update or upgrade the receivers through the network connection. Remotely program the receivers through the D6200 software. Refer to the following documents about network communications and their installation requirements.

- D9133TTL-E Installation Guide (P/N: 4998122717)
- Conettix C900V2 Installation Guide (P/N: F01U003472)
- C900TTL-E Installation Guide (P/N: 4998122718)
- Conettix DX4020 Installation Guide (P/N: F01U045288)
- Conettix D6680 Network Adapter Installation Guide (P/N: 4998138732)
- Conettix D6682 Ethernet Network Adapter Installation Guide (P/N: F01U078049)
- DeviceInstaller Operation and Installation Guide (P/N: 4998138688)
- D6682 Installation Guide (P/N: F01U078049)
- D6686 Installation Guide (P/N: F01U269888)
- ITS-DX4020-G Installation and Operation Guide (P/N: F01U133268)
- B420 Ethernet Communication Module Installation and Operation Guide (P/N :F01U215236)
- B426 Ethernet Communication Module Installation and Operation Guide (P/N : F01U266226)





- 12 Connection D6686/D6682/D6680 to D6600 COM4 port
- 13 D6600



# 2.0 Installation

#### 2.1 Installing the D6200 Application

In a network configuration, if both the D6200 and D6202 are installed on the same PC, you can run only one application at a time unless you are using a different listen port number for each application.

Save and back up the different databases (Network Account, Dialed Number Identification Service (DNIS), and Caller ID) and configurations (CPU, Line, and Network) after installing the software. Load these files back into the receiver.

The D6200 version number shown in these steps are for example only. Your version may be different.

1. Insert the D6200 CD-ROM.





## 2.2 Installing Sentinel Protection Server

#### 2.2.1 General Information

Sentinel Protection Server has been enhanced with the D6200 Version 1.24 or higher.

When installed in a networked environment, the D6200 application uses the Sentinel Protection Server software to access the D6201 and D6201-USB series security keys. This new feature enables multiple D6200 workstations on a LAN to open the network account database using a single security key. Each workstation can access a network account database that has up to 3200 accounts without having a security key attached to the workstation. This is possible only if at least one workstation or Windows file server on the LAN has the D6200 software and the D6201 and D6201-USB series security key installed. Previously, each D6200 workstation required its own D6201 and D6201-USB Security Key to enable full access to the network account database.



Without a security key installed you can send and receive only 10 network accounts from the receiver.

 $\mathbf{Z}$ 

If an earlier version of Sentinel Protection Server is already installed, and you have upgraded to Windows 2000, XP, Vista, or Windows 7, you must first uninstall the Sentinel Protection Server using its setup.exe application.

Do not uninstall using the Add/Remove Programs option in Control Panel.



You must have Administrator privileges to install the Sentinel Protection Server.

## 2.2.2 Supported Platforms

Sentinel Protection Server requires a version of Microsoft Windows XP, Vista, Windows 7 or Windows 8. If you do not have one of these operating systems, the Sentinel Protection Server does not install, and you must either purchase additional keys for each workstation, or upgrade your operating system.

#### 2.2.3 Installation Procedure

You must install the D6200 (V1.24 or higher) on every networked workstation requiring D6200 operation You do not need to install a security key on more than one workstation on your network, but you might want to install additional security keys to prevent a communications loss resulting from a failed workstation.

3.

4.

Sentinel Protection Server is installed or upgraded as part of the normal D6200 installation process. Refer to *Section 2.1 Installing the D6200 Application* on page 5. When the D6200 installation process completes, the Sentinel Protection Server installation begins automatically.

1. The Sentinel Protection Installer window opens.



😽 Sentinel Pro	tection Installer 7.3.0 -	InstallShield	Wizard	
Setup Type Choose the se	tup type that best suits your n	eeds.	Sea Protes	ntine ction Insta
Please select	a setup type.			
• Complete	All program features will be in space.)	stalled. (Require	s the most disk	
Custom	Choose which program featur for advanced users.	res you want to i	nstall. Recommer	nded
		< Back	Next >	Cancel
Â				
nst	all.			
Inst	all. Nection Installer 7.3.0 -	InstallShield	Wizard	
Sentinel Pro	<b>all.</b> <b>Itection Installer 7.3,0 -</b> <b>all the Program</b> ready to begin installation.	InstallShield	Wizard Sea Protee	<b>ntine</b> ction Insta
Bentinel Pro Ready to Inst The wizard is 1	all. Hection Installer 7.3.0 - all the Program ready to begin installation.	InstallShield	Wizard Sea Protec	<b>ritine</b> ction Insta
Sentinel Pro Ready to Inst The wizard is Click Install to	<b>all.</b> <b>Intection Installer 7.3.0 -</b> <b>all the Program</b> ready to begin installation. begin the installation.	InstallShield,	Wizard Sea Protec	ntine ction Insta
Sentinel Pro     Ready to Inst     The wizard is     Click Install to     If you want to     exit the wizar	all. tection Installer 7.3.0 - all the Program ready to begin installation. begin the installation. or eview or change any of your j.	InstallShield	Wizard Science Protes gs, click Back. Cli	ction Insta
Click Install to If you want to exit the wizard	call. tection Installer 7.3,0 - all the Program ready to begin installation. begin the installation. preview or change any of your d.	InstallShield	Wizard Science Protect	ck Cancel to
Sentinel Pro Ready to Inst The wizard is Click Install to If you want to exit the wizar	all. stection Installer 7.3.0 - all the Program ready to begin installation. begin the installation. o review or change any of your d.	InstallShield	Wizard Science Protect gs, click Back. Cli	ction Insta
Click Install to	call. tection Installer 7.3,0 - all the Program ready to begin installation. begin the installation. or review or change any of your d.	InstallShield	Wizard Protect gs, click Back. Cli	ck Cancel to
Click Install to If you want to exit the wizar	<b>call.</b> <b>Itection Installer 7.3.0 -</b> <b>all the Program</b> ready to begin installation. begin the installation. o review or change any of your d.	InstallShield	Wizard Protect	ction Inst

5. If you are installing the D6200 software on a PC with Windows XP SP2 or later, the following screen appears.



# The Sentinel Protection Server software installs.



- 2.2.4 Verifying Sentinel Protection Server Operation
- 1. A start, then A start Run...
  - Type **services.msc**, then **OK**. The Services window opens.

He Action View							
Services (Local)	Services (Local)						
	Sentinel Protection Server	Name /	Description	Status	Startup Type	Log On As	
	Stop the service Passe the service Restart the service	Routing and Remote Access	Offers rout		Disabled	Local System	
		Secondary Logon	Enables st	Rated	Automatic	Local System	
		Security Accounts Manager	Stores sec	Rated	Automatic	Local System	
		Security Center	Monitors s	Started	Automatic	Local System	
		Sentinel Protection Server	Manages S	Rated	Autometic	Local System	
	Menager Sectoral Superfina and I Brafina	Server	Supports fil	Started	Automatic	Local System	
	keys attached to this computer.	Shell Hardware Detection		<b>Sated</b>	Automatic	Local System	
	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	Simple Mail Transfer Prot	Transports	Stated	Automatic	Local System	

3. Scroll to the Sentinel Protection Server entry, and confirm that the status is **Started**.

Name 🛆	Description	Status
🎕 Routing and Remote Access	Offers rout	
🆏 Secondary Logon	Enables st	Started
🏶 Security Accounts Manager	Stores sec	Started
🆏 Security Center	Monitors s	Started
Sentinel Protection Server	Manages S	Started

If the status is blank, Sentinel Protection Server and select **Start**.

Sentinel Protection Server	Manages S		Automotio
Server	Supports fil	Started	Start
Shell Hardware Detection		Started	Stop
Simple Mail Transfer Prot	Transports	Starter	Pause
Smart Card	Manages a		Resume
			Restart
			All Tasks 🔹 🕨
			Refresh
			Properties
			Help

If the status is **Paused**, **D** Sentinel Protection Server and select **Resume**.

Sentinel Protection Server	Manages S	Paused	A. (6111116)
Server	Supports fil	Started	Start
Shell Hardware Detection		Started	Stop
Simple Mail Transfer Prot	Transports	Started	Pause
Smart Card	Manages a		Resume
			Restart
			All Tasks 🔹 🕨
			Refresh
			Properties
			Help

6.

# 3.0 Operation

The D6200 allows the user to view, change, upload and download all of the D6600 or D6100IPv6/D6100i programming parameters over a network **or** the receiver's and the host's serial COM ports. Through the D6200 software, the user can:

- edit CPU and line card parameters,
- view the status of all accounts in the databases,
- add, edit, or delete accounts, and
- configure network operations.

The D6600/D6100IPv6 programming is loaded from four different files:

- CPU/Host/Network Configuration File
- Line Card Configuration File
- Network Account Database File
- DNIS Account Database File OR Caller ID Database File (D6600 only)

These four files can be modified, uploaded, or downloaded separately.



The version numbers used in the screens shown throughout this manual are for demonstration only. They might be different from the software version numbers you have.



To confirm that the D6200 installation can locate your security key, install the key on a networked workstation that is running the Sentinel Protection Server software. For more information, refer to *Section 2.2 Installing Sentinel Protection Server* on page 6.

## 3.1 Log On

A window appears prompting the user for the correct User ID and Password necessary to log on again.

Password Check	
Enter user ID:	<b>_</b>
Enter password	
ОК	Close

- 1. Enter 6200 (default User ID).
- 2. Press [TAB].
- 3. Enter 6200 (default User Password).



## 3.2 Environment Option

With the D6200, you can choose between the D6600 mode and D6100 mode.



#### 3.3 Connection Settings

The connection settings allow for the configuration of communication parameters for the D6200 to communicate with:

- D6600 or D6100IPv6/D6100i Receiver
- Network devices (D6686, D6682, D6680, DX4020, C900V2, C900TTL-E, or D9133TTL-E)



Refer to Section 3.3.1 RS-232 Connection, page

10. or ∕≏≼

IP network connection

Refer to Section 3.3.2 Network Connection, page 10.

#### 3.3.1 RS-232 Connection



Set Menu Item 6.1.5 to 0 (disabled) in the receiver to communicate using the COM4 for RS-232 direct connection.

#### Table 1: RS-232 Settings

COM port	COM1 to COM8
Data bits select	8 bits
Parity check select	None, Odd, or Even
Stop bits select	1 bit or 2 bit
Baud Rate Speed	38400

#### Figure 4: D6200 RS-232 Connection Settings

Connection Mod RS-232 comp	e ort connection	C IP ne	twork connecti
	Local PC RS-23	2 comport se	ttings
-COM port se	lect		
COM1	C COM3	C COM5	C COM7
C COM2	C COM4	C COM6	C COM8
Data bits se 8 bits	lect		
Parity check None	select C Odd C	Even	
Stop bits se 1 bit	lect C 2 bit		
Bau	id Rate Speed	38400	Ŧ
🗖 Hardwar	e flow control	🗖 Soft	ware flow control
<u>O</u> k			Cancel

#### 3.3.2 Network Connection



1.

Set Menu Item 6.1.5 in the receiver to 1 (enabled) to communicate using the TCP/IP network connection if the D6680 or D6682 is connected to COM4 or to 2 if the D6686 is used.

Set Menu Item 6.2.5 in the receiver to 1 to communicate using the TCP/IP network connection if the D6680 or D6682 is connected to COM1 or to 2 if the D6686 is used.



Sconnection Settings	6.	Enter the static IP Address or if using DNS
Connection Mode		select the <b>Use DNS Name</b> box and enter a valid Hostname for the primary receiver and port number of the receiver network adapter. If the receiver configuration has a Login Password to allow connection by D6200 workstations, enter that password here.
Port: Login Password: Backup Receiver Enabled:		Receiver IP Address: 192.168.1.10  Use DNS Name Login Password: Receiver Port: 7700
Network Adapter connected to the Backup Receiver	7.	If a backup receiver is used,
Local PC		Enter the IP address and the port number of the
Port: Encryption Enabled: OK Cancel		backup receiver. If the receiver configuration has a Login Password to allow connection by D6200 workstations, enter that password here.
		Receiver IP Address:     192 168.1.10     Use DNS Name       Login Password:     Receiver Port:     7701
2. IP network connection		The local PC IP address cannot be changed (the software detects it each time it is started).
3. <u>Ja</u>	8.	Set the Local Port to the desired port number.
Receiver: Setup		Local PV: FEBUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU
Receiver Name Management		If <b>Enable Backup Receiver</b> is selected, this will default to the same port number of the primary receiver and cannot be changed.
(No dala to display)	9.	To use encryption, check the box and select the proper encryption level (128, 192, or 256):
		✓ Enable encryption AES 128 ▼
Copy Edit Delete Egit		Key String(0-9,A-F,32 chars)
Totak 0		
4. <u>Add</u>		Eeturn Key String to default value
Receiver Network Connection Setup         ISI           Receiver Name         Pimary Receiver Name           Pimary Receiver Paddress:         Receiver Pot		Return Key String to default value
Login Password:   Use DNS Name  Login Password:  Login Password:  Receiver  Receiver		value.
Login Password F: Use ONG Name Local P Address [1025121.84 Local Port ]		
Encryption Option Enable encryption AES 128 - Key String(0-9,A-F,32 chars)		
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$		
Beturn Key String to default value Save Çancel		

5. Give a name to the receiver.

10	×4×	<u>.</u>
10.	Save	
	Connection Mode	
	C RS-232 comport connection  ○ IP network connection	
	Receiver:	
	Receiver Network Adapter connected to the Primary Receiver	
	IP Address:	
	Backup Receiver Enabled:	
	Network Adapter connected to the Backup Receiver	
	Port: Login Password:	
	Local PC IP Address:	
	Port:	
		3.
	QKCancel	TI
11.		pr Te
	Receiver: Receiver01	P
	Receiver01	To
12.	ЭН ОК	W
	The D6200 software status bar changes	IL.
	(Figure 5 on page 12).	
Figu	re 5: D6200 Software Status Bar	
Administra	Programming Software (Current Operators6/00)	
LUPB	ocal connectionIP:10.25.122.27 Port:7700 connected Receiver name: Receiver01' rimary ReceiverIP:10.25.122.1 Port:7700 ackup ReceiverIP:10.25.112.1 Port:7701	
1 2 3 4 ULU Welcome to	Detter D6200 Programming Software	
	If the PC running the D6200 software is DHCP to obtain an IP address, the server could change the IP address. If this happens, the D6200 software cannot communicate with the receiver until the receiver is programmed with the new assigned PC IP address. To avoid this problem, use a static IP address for the PC running the D6200 software or use a login password for the receiver.	

Make the encryption key string the same for all devices (D6686, D6682, D6680, D6600, D6100IPv6/D6100i, B426, B420, DX4020, C900V2, ITS-DX4020-G, D6202, D6200, D9133TTL-E, and C900TTL-E) or panel that supports encryption. Program the devices in the following order:

- 1. D6202 (Automation if used)
- 2. D6686/D6682/D6680 (D6600) or Ethernet port (D6100IPv6/D6100i)
- 3. D6600 or D6100IPv6/D6100i
- B426, B420, DX4020, C900V2, ITS-DX4020-G, D9133TTL-E, and C900TTL-E
- 5. D6200 (last)

#### 3.3.3 Password Protection

The D6200 Programming Software is password protected.

To log in, the user must enter the correct User ID and Password upon opening the D6200 software. Only one user can be logged on at a time.

To log off, select Administration  $\rightarrow$  Log Off. A window opens prompting the user for the correct User ID and Password necessary to log on again.



The default User ID is "6200." The default Password is "6200."

The D6200 passwords do not correspond with the D6600 passwords.

This default user ID provides access to all security levels and features. Change the default User Password to something other than "6200."

Valid passwords have a maximum of eight alphanumeric characters (0 to 9, A to F). Use the D6200 software to customize the default passwords.

#### 3.4 D6200 Icon Bar





Table 2: Access Rights to the D6200 Menu Options				
Category	Access Rights	Description		
1	All	Users can access all the D6200 menu options.		
2	All Except User Management	Users can access all the D6200 menu options except user management.		
3	Read/Off Line Modification	Users can read configurations from the receiver and modify parameters but cannot program the receiver.		
4	User Defined	Users can select or remove any of the menu options by double clicking on the menu title listed. A check mark indicates the user was granted access to the item. No check mark indicates the user was denied access to that option.		

#### Save and Restore User Management Files 4. Enter new password Click the **Close** button when the user configurations Enter new password: are established. This saves user configurations into a hidden file, which can be useful for updating all user Retype password 5. configurations when performing D6200 upgrades. Retype password: After installing a new version of the D6200, click the Restore button. The previously saved user 6. Change configurations are now loaded into the new D6200. 3.5.2 **Changing User Password** 3.5.3 **Environment Option** Administration TeleCom Netwo 1. 1. Administration TeleCom Netwo 🖳 Connection Settings Connection Settings User Management User Management Change Password ✓ Tool Bar Display On/Off <sup>1</sup>√<sup>3</sup> Change Password ✓ Status Bar Display On/Off Tool Bar Display On/Off **Environment Option** Status Bar Display On/Off **Environment Option** 🟃 Log Off Exit Ctrl+F10 hr 🏃 Log Off Exit Ctrl+F10 Password Check Environment option • Enter user ID: Receiver Type C 6100 Mode 6600 Mode 6600 Enter password: Support D6650 OK Close **Default Data Directory** C:\Program Files (x86)\D6200\ Change 2. Enter valid user ID and password. 3. OK <u>0</u>K Cancel If the name and password entered are inconsistent with the currently logged in The D6650 is an OEM line card for the user, an error message occurs and the D6600. If you do not have a D6650 line operation is canceled. card installed in your D6600, do not select Support D6650. Frro Invalid user name or wrong password! ОК Change Password User information Name Last login date: Password: -Last login time: Enter new password Retype password: C<u>h</u>ange Close

2. @ 6600 Mode







#### 3.6 TeleCom Configuration **CPU Configuration** 3.6.1

#### **Opening the Configuration File**

This option loads the CPU configuration file that is saved on the host PC.







- 4. Change options. 5.
  - A Close

#### **Reading the Configuration File**



Db200 Communication Status		
Connecting	J	
Connected OK		
Reading Receiver DNIS database		



- 2. Change options.
- 3. Close

#### **Editing the Configuration File**

1. Change options.

Save Receiver CPU/NETWORK Co	onfiguration file x86) ► D6200 ► - 4y Search D6200	
Organize  New folder PerfLogs Pogram Files Program Files P	Current EBF Viewer Gurentimel Driver Cleanup Utility UserRK default.cpu	- ## -
Gurrent File name: default.cpu Save as type: Receiver CPI	V/NETWORK Configuration file (*.CPU)	

3. Enter a filename.



#### Sending the Configuration File

After modifying the configuration file, send it back to the receiver for the changes to take effect.

Changed parameters take effect immediately at the receiver. For example, after making modifications to the line formats, update the line card.

1.	Send to Receiver
	Confirm
	Are you sure you want to send the CPU configuration to the receiver?
	Yes No
2.	Yes
	D6200 Communication Status
	Connecting       [Start time is: 10:13:22]       Transfer OK.       [Total transfer time = 0 Min 4 Sec]       Writing,Please Wait.       Disconnecting       Disconnected OK.
3.	

The parameter file is in the receiver.

# 3.6.2 Line Card Configuration

#### Opening the Configuration File

1.

3.

5.

This option loads the CPU configuration file saved on the Host PC.

CDU Configuration M			
Line Configuration Ma	inagement	Open/Mar	hage Line Configuration from F
Caller ID Database Mar DNIS Database Manag Caller ID/DNIS databas	nagement ement se selection	Ine Card I	age Line Configuration from R Firmware Setup
Nopen Receiver Line Card Con	figuration file s (x86) ► D6200	• <del>•</del> 49	Search D6200
Organize V New folder	Current EBF Viewer Sentinel Drive UserBK	r Cleanup Utility	85 • 🔲 🔮

2. Select the desired configuration file.

Line Card Config	jurations		
Line Card 1:	Line Card 2:	Line Card 3:	Line Card 4:
Line 1	C Line 5	C Line 9	C Line 13
C Line 2	C Line 6	C Line 10	C Line 14
C Line 3	C Line 7	C Line 11	C Line 15
C Line 4	C Line 8	C Line 12	C Line 16
Line Card 5:	Line Card 6:	Line Card 7:	Line Card 8:
C Line 17	C Line 21	C Line 25	C Line 29
C Line 18	C Line 22	C Line 26	C Line 30
C Line 19	C Line 23	C Line 27	C Line 31
C Line 20	C Line 24	C Line 28	C Line 32
Select to Modify	Save <u>a</u> s	Send to Rec	eiver Close

4. Select a line.

Select to Modify

Refer to *Editing the Configuration File* on page 18.

#### **Reading the Configuration File**

CPU Configuratio	n Management 🔹 📘		
Line Configuration	n Management 🔹 🚺	Den/Manage Line C	onfiguration from
Caller ID Database	Management 🔹 🕇 🚺	Read/Manage Line C	onfiguration from
DNIS Database Ma	inagement	Line Card Firmware S	etup
Caller ID/DINIS dat	abase selection		
D6200 Commur	ication Status		
Connecting			
Connected OK	Line Card configure	tions	
reading receiver	Line Gard configura	10013	
Line Card Conf	igurations		
Line Card Conf	igurations	Line Card 3:	Line Card 4
Line Card Conf	igurations Line Card 2: C Line 5	Line Card 3:	Line Card 4
Line Card Conf Line Card 1: C Line 1 C Line 2	igurations Line Card 2: C Line 5 C Line 6	Line Card 3: C Line 9 C Line 10	Line Card 4 C Line 13 C Line 14
Line Card Conf Line Card 1: C Line 1 C Line 2 C Line 3	igurations Line Card 2: C Line 5 C Line 6 C Line 7	Line Card 3: C Line 9 C Line 10 C Line 11	Line Card 4 C Line 13 C Line 14
Line Card Conf Line Card 1: C Line 1 C Line 2 C Line 3 C Line 4	igurations Line Card 2: C Line 5 C Line 6 C Line 7 C Line 9	Line Card 3: C Line 9 C Line 10 C Line 11	Line Card 4 C Line 13 C Line 14 C Line 14
Line Card Conf Line Card 1: C Line 1 C Line 2 C Line 3 C Line 4	igurations Line Card 2: C Line 5 C Line 6 C Line 7 C Line 8	Line Card 3: C Line 9 C Line 10 C Line 11 C Line 12	Line Card 4 C Line 13 C Line 14 C Line 15 C Line 16
Line Card Conf Line Card 1: C Line 1 C Line 2 C Line 3 C Line 4 Line Card 5:	igurations Line Card 2: C Line 5 C Line 6 C Line 7 C Line 8 Line Card 6:	Line Card 3: C Line 9 C Line 10 C Line 11 C Line 12 Line Card 7:	Line Card 4 C Line 12 C Line 14 C Line 15 C Line 16 Line Card 8
Line Card Conf Line Card 1: C Line 1 C Line 2 C Line 3 C Line 4 Line Card 5: C Line 17	igurations Line Card 2: C Line 5 C Line 6 C Line 7 C Line 8 Line Card 6: C Line 21	Line Card 3: C Line 9 C Line 10 C Line 11 C Line 12 Line Card 7: C Line 25	Line Card 4 C Line 13 C Line 14 C Line 16 C Line 16 C Line 26 Line 20
Line Card 1: (c) Line 1 (c) Line 1 (c) Line 2 (c) Line 3 (c) Line 3 (c) Line 4 Line Card 5: (c) Line 17 (c) Line 18	igurations Line Card 2: C Line 5 C Line 5 C Line 7 C Line 8 Line Card 6: C Line 21 C Line 22	Line Card 3: C Line 9 C Line 10 C Line 11 C Line 12 Line Card 7: C Line 26	Line Card 4 C Line 13 C Line 14 C Line 16 C Line 16 Line Card 8 C Line 20 C Line 20
Line Card Conf Line Card 1: C Line 1 C Line 2 C Line 3 C Line 4 Line Card 5: C Line 17 C Line 19	igurations Line Card 2: C Line 5 C Line 6 C Line 7 C Line 8 Line Card 6: C Line 21 C Line 23	Line Card 3: C Line 9 C Line 10 C Line 11 C Line 12 Line Card 7: C Line 25 C Line 26 C Line 27	Line Card 4 C Line 12 C Line 14 C Line 15 C Line 16 Line Card 8 C Line 20 C Line 20 C Line 20 C Line 20
Line Card Conf Line Card 1: C Line 1 C Line 2 C Line 3 C Line 4 Line Card 5: C Line 17 C Line 18 C Line 19 C Line 19	igurations	Line Card 3: C Line 9 C Line 10 C Line 11 C Line 12 Line Card 7: C Line 25 C Line 27 C Line 27	Line Card 4 C Line 13 C Line 14 C Line 15 C Line 16 Line Card 8 C Line 29 C Line 30 C Line 30 C Line 31
Line Card Conf Card 1: Card 1: Card 1: Card 1: Card 1: Card 1: Card 2: Card 5: Card 5: Card 5: Card 5: Card 1: Card 2: Card	igurations Line Card 2: C Line 5 C Line 7 C Line 7 C Line 8 Line Card 6: C Line 21 C Line 22 C Line 23 C Line 24	Line Card 3: C Line 9 C Line 10 C Line 11 C Line 12 Line Card 7: C Line 25 C Line 27 C Line 28	Line Card 4 C Line 13 C Line 14 C Line 15 C Line 16 Line Card 8 C Line 29 C Line 31 C Line 32
Line Card 1: (c) Line 1 (c) Line 2 (c) Line 3 (c) Line 4 Line Card 5: (c) Line 18 (c) Line 19 (c) Line 20 Select to Modifi	igurations Line Card 2: C Line 5 C Line 7 C Line 7 C Line 7 C Line 8 Line Card 6: C Line 21 C Line 22 C Line 23 C Line 24	Line Card 3: C Line 9 C Line 10 C Line 11 C Line 12 Line Card 7: C Line 25 C Line 27 C Line 28 Send to Rec	Line Card 4 C Line 13 C Line 14 C Line 15 C Line 16 Line Card 8 C Line 29 C Line 31 C Line 32 zeiver  C

2. Select a line.

3.

Select to Modify

Refer to Editing the Configuration File, below.

#### **Editing the Configuration File**



1. Change options.



#### Sending the Configuration File

After modifying the configuration file, send it back to the receiver for the changes to take effect.

Changed parameters take effect immediately at the receiver. For example, after making modifications to the line formats, update the line card.

1.	Send to Receiver
	Confirm
	Are you sure you want to send Line Card configurations to receiver?
	Yes No
2.	
	D6200 Communication Status       Connecting       [Start time is: 10:13:22]       Transfer OK.       [Total transfer time = 0 Min 4 Sec]       WritingPlease Wait.       Disconnecting       Disconnected OK.
3.	

The parameter file is in the receiver.

3.6.3 **Default Line Configuration from D6200** Software



Line Card 1:	Line Card 2:	Line Card 3:	Line Card 4:
Line 1	C Line 5	C Line 9	C Line 13
C Line 2	C Line 6	C Line 10	C Line 14
C Line 3	C Line 7	C Line 11	C Line 15
C Line 4	C Line 8	C Line 12	C Line 16
Line Card 5:	Line Card 6:	Line Card 7:	Line Card 8:
C Line 17	C Line 21	C Line 25	C Line 29
C Line 18	C Line 22	C Line 26	C Line 30
C Line 19	C Line 23	C Line 27	C Line 31
C Line 20	C Line 24	C Line 28	C Line 32
Select to Modify	Save as	Send to Rec	eiver Close

#### D6100:

Line Group	
ে <u>Line 1</u>	C Line 2
La atta Madife	Condito Bossiver

4. Select a line card to modify.

	Sele	ct to Modify	-	
	Line Cards Configuration Line     31.5 Line Identification     31.1 Handshake Tones	a 1 3.1.6 Reserved 3.1.7 Event 3/1 3.1.2 Phone Supervision	or 4/1   3.1.8 Event 4/2 or 4/3 3.1.3 Line Formats	31.9 Automation 31.4 Two Way Audio
	3.1.1.1 Tone1 2	3.1.1.5 Tone5 4	3.1.1.9 Tone Duration (*100ms 3.1.1.10 Initial Wait (*100ms)	i) 10 10
	3.1.1.2 Tone2 1 3.1.1.3 Tone3 5	3.1.1.6 Tone6 6	3.1.1.11 Handshake Wait (*100 3.1.1.12 Handshake Amplify	)ms) 30
	3.1.1.4 Tone4 3	3.1.1.8 Tone8 0	3.1.1.13 Handshake Optimizat 3.1.1.14 Reserved	on o
	Online Help	Set All Lines to Default	Set This Line to Default	Copy <u>C</u> lose
	3.1.1.1 Tome 1 Default: Selections: 0 No handshake, not at 1 1400 Hz 2 2300 Hz 3 Modem II 4 Modem IIettia2 5 Drual Tone	2 1o 17 Ccepted for Tone 1		, *
5	Last changed: 01-04-2010 17:03:06	File name: C:\Program Files (x86)\	Resets all	lines in all
5.	Set <u>A</u> ll Li	nes to Default	installed li the defaul	ne cards to t.
	Set Ihis	Line to Default	Resets on modified li default.	ily the ine to the
6.		ose	after all m to all lines	odifications are made.
	No han signal µ suppor that the the des	dshake tone processor (D t that particu e line card co ired format b	is sent if th SP) does n lar format. ( onfiguration pefore assig	e digital ot Confirm supports gning it.
7.	Send to Reco	eiver	if no other must be n	line cards nodified.
	D6200 Communica	ation Status		
	Connecting [Start time Is: 10:13 Transfer OK. [Total transfer time : Writing,Please W Disconnecting Disconnectord.	:22] = 0 Min 4 Sec] ait.		ОК
8		7		

A

<u>0</u>K

3.6.4 **Copying Selected Line Configuration from** D6200 Software



Line Card Config	urations	States	
Line Card 1:	Line Card 2:	Line Card 3:	Line Card 4:
Line 1	C Line 5	C Line 9	C Line 13
C Line 2	C Line 6	C Line 10	C Line 14
C Line 3	C Line 7	C Line 11	C Line 15
C Line 4	C Line 8	C Line 12	C Line 16
Line Card 5:	Line Card 6:	Line Card 7:	Line Card 8:
C Line 17	C Line 21	C Line 25	C Line 29
C Line 18	C Line 22	C Line 26	C Line 30
C Line 19	C Line 23	C Line 27	C Line 31
C Line 20	C Line 24	C Line 28	C Line 32
Select to Modify	Save as	Send to Rece	iver <u>C</u> lose

#### D6100:

Line Group			
۰I	ine 1	C Line 2	
Select to Modify	Saveas	Send to Receiver	Close

#### Calaat . **f**:I

Select to	Modify		
rds Configuration Line 1			
5 Line Identification 3.1.6 L1.1 Handshake Tones	Reserved 3.1.7 Event 3.1.2 Phone Supervision	3/1 or 4/1 3.1.8 Event 4/2 or 4/3 3.1.3 Line Formats	3.1.9 A
3.1.1 Handshake Tones			
3.1.1.1 Tone1 2	3.1.1.5 Tone5 4	3.1.1.9 Tone Duration (*100ms 3.1.1.10 Initial Wait (*100ms)	10
3.1.1.2 Tone2 1	3.1.1.6 Tone6 6	3.1.1.11 Handshake Wait (*100	)ms) 30
3.1.1.3 Tone3 5	3.1.1.7 Tone7 0	3.1.1.12 Handshake Amplify	
3.1.1.4 Tone4 3	3.1.1.8 Tone8 0	3.1.1.13 Handshake Optimizati 3.1.1.14 Reserved	ion O
elp	Set All Lines to Defaul	set This Line to Default	Сору
Ishake Tones ne 1			
efault: 2 elections: 1 to	17		
1400 Hz 2300 Hz			
Modem II Modem IIe/IIIa2			
ed: 01-04-2010 17:03:06	File name: C:\Program Files (x	86)\D6200\default.In1	
	1		
Copy			
00.			
00:		100	
d 1 Configuration Line 1 Line Identification 3.1.6 R	leserved 3.1.7 Event 3/1 o	x 4/1 3.1.8 Event 4/2 or 4/3	3.1.9 Automatic
1.1 Handshake Tones	3.1.2 Phone Supervision	3.1.3 Line Formats 3.1.4 T	wo Way Audio
3.1.1.1 Tone1 2	3.1.1.5 Tone5 4	3.1.1.9 Tone Duration (*100ms)	10
3112 Tone2 1	3116 Tone6 6	3.1.1.10 Initial Wait (*100ms)	10
		3.1.1.11 Handshake Wait (*100ms)	30
3.1.1.3 Ione3  5	3.1.1.7 Ione7  0	3.1.1.13 Handshake Optimization	0
3.1.1.4 Tone4 3	3.1.1.8 Tone8 0	3.1.1.14 Reserved	0
	Copy line configurati	on values to	
Line 1 T Line 5 T	Line 9 T Line 13 T L	ine 17 🗆 Line 21 🗖 Line 25 🖓	Line 29
Line 2 🔽 Line 6 🕅	Line 10 T Line 14 T L	ine 18 🔲 Line 22 🔲 Line 26 🗍	Line 30
Line 3 TLine 7 T	Line 11 T Line 15 T L	.ine 19	Line 31
Life 4   Life 6		X Cancel	Line 32
ed: 01-04-2010 16:52:01 Fi	ile name: C:\Program Files (x86)\	D6200\default.Inc	
00.	-		
rds Configuration Line 1		1	
Line Identification 31.6F	Reserved 3.1.7 Event 3/1	or 4/1 31.8 Event 4/2 or 4/3	3.1.9 Autom
.1.1 Handshake Tones	a.1.2 Phone Supervision	3.1.3 Line Formats   3.1.	4 fwoWayAu
3.1.1.1 Tone1 2	3.1.1.5 Tone5 4	3.1.1.9 Tone Duration (*100ms)	10
3.1.1.2 Tone2 1	3.1.1.6 Tone6 6	3.1.1.10 Initial Wait (*100ms)	10
3113Tone3 5	3117 Tope7 0	3.1.1.12 Handshake Amplify	, 30
		3.1.1.13 Handshake Optimization	
3.1.1.4 Tone4 3	3.1.1.8 Tone8 0	3.1.1.14 Reserved	0
	Copy line configura	tion values to	
□ Line 1		□ Line 2	
	and I		



oxes to which you are copying the line configuration.





## 3.7 Network Configuration

#### 3.7.1 Opening the Configuration File

This option loads the CPU configuration file saved on the host PC.



Refer to Section 3.7.3 Editing the Configuration File

#### 3.7.2 Reading the Configuration File

1.

Maturali	configuration Managemen		Deed/Manage Networ	configuration from	i iic
Network A	Account Database Manager	ment 🕐 🛄	N Read/Manage Network	c Configuration from r	receive
Network U	Jtilities	6			
D6200 (	Communication Statu	s			
Connectin	a				
Connected	İOK				
Reading R	eceiver CPU/Network	configura	tions		
					ш
_					
Network Conf	figuration			- (B)	0
Network Cont	figuration	a para la c			•
6.4 D6200 N 6.1 CO	figuration etwork Connection   6.5 Netwo M4 Network Adapter	rk Printer 6	6 Event 3/1 or 4/1   6.7 Event	4/2 or 4/3 6.8 Global Pa	arameter
6.4 D6200 N 6.1 CO	figuration etwork Connection   6.5 Netwo M4 Network Adapter	rk Printer   6 6.2 COM1 Net	.6 Event 3/1 or 4/1   6.7 Event work Adapter   6.3	4/2 or 4/3 6.8 Global Pa Network Automation Conne	arameter ction
6.4 D6200 N 6.1 CO	iguration etwork Connection   6.5 Netwo M4 Network Adapter   1 COM4 Network Adapter	rk Printer 6 6.2 COM1 Net	6 Event 3/1 or 4/1   6.7 Event work Adapter   6.3	4/2 or 4/3 6.8 Global Pa Network Automation Conne	arameter ction
6.4 D6200 N 6.1 CO	iguration etwork Connection   6.5 Netwo M4 Network Adapter   1 COM4 Network Adapter	rk Printer   6 6.2 COM1 Net	.6 Event 3/1 or 4/1   6.7 Event work Adapter   6.3	4/2 or 4/3 6.8 Global Pa Network Automation Conne	arameter ection
Network Cont 6.4 D6200 N 6.1 CO	figuration etwork Connection 6.5 Netwo H4 Network Adapter f COM4 Network Adapter 6.1.1 COM4 Baud Rate	rk Printer   6 6.2 COM1 Net	6 Event 3/1 or 4/1   6.7 Event work Adapter   6.3 6.1.4 COM4 Stop Bit	4/2 or 4/3   6.8 Global Pa Network Automation Conne	arameter ction
6.4 D6200 N 6.1 CO	Sguration  etwork Connection   6.5 Netwo II4 Network Adapter  f. COM4 Network Adapter  6.1.1 COM4 Baud Rate  6.1.2 COM4 Data Bit	rk Printer   6 6.2 COM1 Net 9	6 Event 3/1 or 4/1   6.7 Event work Adapter   6.3 6.1.4 COM4 Stop Bit	4/2 or 4/3 6.8 Global Pa Network Automation Conne	arameter
Network Conf 6.4 D6200 N 6.1 CDI	Iguration etwork Connection   6.5 Netwo M4 Network Adapter 1 COM4 Network Adapter 6.1.1 COM4 Baud Rate 6.1.2 COM4 Data Bit	rk Printer   6 6.2 COM1 Net 9 8	6 Event 3/1 or 4/1   6.7 Event work Adapter   6.3 6.1.4 COM4 Stop Bit 6.1.5 COM4 Network Adaptor	4/2 or 4/3 6.8 Global Pa Network Automation Conne	arameter
6.4 D6200 N 6.1 COI	iguration etwork Connection   6.5 Netwo M4 Network Adapter 6.1.1 COM4 Baud Rate 6.1.2 COM4 Data Bit 5.1.2 COM4 Data	rk Printer   6 6.2 COM1 Net 9 8	6 Event 3/1 or 4/1   6.7 Event work Adapter   6.3 6.1.4 COM4 Stop Bit 6.1.5 COM4 Network Adaptor	4/2 or 4/3   6.8 Global Pa Network Automation Come	ection
6.4 D6200 N 6.1 CO	iguration etwork Connection 6.5 Netwo M4 Network Adapter 6.1.1 COM4 Baud Rate 6.1.2 COM4 Data Bit 6.1.3 COM4 Panty	rk Printer   6 6.2 COM1 Net 9 8 0	6 Event 3/1 or 4/1 6.7 Event work Adapter 6.3 6.1.4 COM4 Stop Bit 6.1.5 COM4 Network Adaptor 6.1.6 COM4 Network Adaptor	4/2 or 4/3   6.8 Global P2 Network Automation Conne 1 0 0	ection
6.4 D6200 N 6.1 CO	Iguation etwork: Control 6.5 Network H Vetwork: Adapter 6.1.1 COM4 Baud Rate 6.1.2 COM4 Data Bit 6.1.3 COM4 Panty	rk Printer   6 6.2 COM1 Net 9 8 0	6 Event 3/1 or 4/1         6.7 Event work Adapter         6.3           6 1.4 COM4 Stop Bit         6.1.5 COM4 Network Adapter           6.1.5 COM4 Network Encrypt	4/2 or 4/3   6.8 Global P9 Network Automation Conne 1 0 0 0	e arameter
6.4 D8200 N 6.1 CO	Iguration etwork Chargeter 14 Network Adapter 6.1.1 COM4 Bavork Adapter 6.1.1 COM4 Bavork Adapter 6.1.2 COM4 Data Bit 6.1.3 COM4 Panty	rk Printer   6 6.2 COM1 Net 9 8 0	6 Event 3/1 or 4/1         6.7 Event work Adapter         6.3           6.1.4 COM4 Stop Bit         6.1.5 COM4 Network Adapter           6.1.6 COM4 Network Encrypt	4/2 or 4/3 6.8 Giobal P3 Network Automation Come	arameter
6.4 DB200 N 6.1 COI	Iguration etwork: Central Adapter 1 COM4 Network Adapter 6.1.1 COM4 Baud Rate 6.1.2 COM4 Data Bit 6.1.3 COM4 Data Bit 6.1.3 COM4 Panty Bettu	rk Printer   6 6.2 COM1 Net 9 8 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	6 Event 3/1 or 4/1         6.7 Event vontk Adapter           6.1.4 COM4 Stop Bit         6.1.5 COM4 Network Adaptor           6.1.5 COM4 Network Adaptor         6.1.6 COM4 Network Adaptor           6.1.6 COM4 Network Adaptor         5.1.5 COM4 Network Adaptor           6.1.6 COM4 Network Adaptor         6.1.6 COM4 Network Adaptor	4/2 or 4/3   6.8 Giobal P2 Network Automation Conne 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	<u>C</u> los
Network Cont     6.4 D6200 N     6.1 C00     6.1	Iguation detwork Concolon   6.5 Network det Vetwork Adapter 6.1.1 COM4 Baud Rate 6.1.2 COM4 Data Bit 6.1.3 COM4 Data Bit 6.1.3 COM4 Party Bettu Bettu CONFIGURATIO	rk Printer   6 6.2 COM1 Net 9 8 0 mr Configuration N [D6600	6 Event 3/1 or 4/1 6.7 Event work Adapter 6.3 6.1 4 COM4 Stop Bit 6.1.5 COM4 Network Adapter 6.1.6 COM4 Network Encrypt sto Default <u>Save as</u> Only	42 or 43 6 8 Global PA Network Automation Conne 1 0 0 0 on Enabled 0 Send (p Receiver	
Network Cont     6.4 D5200 N     6.1 CO     7.2 CO	Iguation  atwork Connection  atwork Connection  COM4 Network Adapter  6.11 COM4 Baud Rate  6.12 COM4 Data Bit  6.13 COM4 Data Bit  6.13 COM4 Panty  Betu  CRK CONFIGURATIO	rk Printer   6 6.2 COM1 Net 9 8 0 rn Configuration N [D6600	6 Event 3/1 or 4/1 6.7 Event work Adapter 6.3 6.14 COM4 Stop Bit 6.15 COM4 Network Adaptor 6.15 COM4 Network Adaptor 15 COM4 Network Encrypt sto Default <u>save as</u> Only]	42 or 43 6 8 Global PA Network Automation Come 1 0 1 0 no Enabled 0 Send 10 Receiver	
Network Cont     6.4 D6200 N     6.1 CO	Iguation etwork.chargeter etwork.chargeter etwork.chargeter etwork.chargeter et.11 COM4 Baud Rate et.12 COM4 Data Bit et.13 CO	rk Printer   6 6.2 COM1 Net 9 8 0 mr Configuration N [D6600	6 Event 3/1 or 4/1         6.7 Event work Adapter           6.1 A COM4 Stop Bit         6.1 5 COM4 Network Adapter           6.1.5 COM4 Network Adapter         6.1.6 COM4 Network Encrypt           6.1.6 COM4 Network Encrypt         5 to Default           9 to Default         Save as           Only]         Dengramaters shall be recorded	42 or 43 6 8 Global P4 Network Automation Conne 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	clos
Network Cont     6.4 D0200 N     6.1 COD     6.1 COD     6.1 COD     6.1 COM     6.1	Iguration  etwork Connection  1 COM4 Network Adapter  6.1.1 COM4 Data Bit  6.1.2 COM4 Data Bit  6.1.3 COM4 Party  Betu  CRK CONFIGURATIO  Etwork Adapter  esofor connecting ba network adapter	rk Printer   6 62 COM1 Net 9 8 8 0 m Configuration N [D6600 Nigber, the follow rite any other C	6 Event 3/1 or 4/1         6.7 Event work Adapter           6.14 COM4 Stop Bit         6.1           6.1.5 COM4 Network Adapter         6.1.5 COM4 Network Encrypt           6.1.6 COM4 Network Encrypt         9.000000000000000000000000000000000000	4/2 or 4/3 6 8 Global PA Network Automation Conne 1 0 0 0 no Enabled 0 Send to Receiver mmmed.	
A Network Cont     6.4 D6200 N     6.1 CO     6.1 CO     Content Help     Content Help     Content Help     Content Help     Content Help     Programming pa     6.11 COM Is is	Iguation  etwork Connection  etwork Adapter  6.1.1 COM4 Baud Rate  6.1.2 COM4 Data Bit  6.1.3 COM4 Data Bit  6.1.3 COM4 Panty  Bettur  RK CONFIGURATIO  Etwork Adapter  Where the set on will over  MM Baud Rate	rk Printer   6 6.2 COM1 Net 9 8 0 rn Configuration N [D6600 Itapter, the follow	6 Event 3/1 or 4/1     6.7 Event     6.3     6.1 A COM4 Stop Bit     6.1.5 COM4 Network Adaptor     6.1.5 COM4 Network Adaptor     6.1.6 COM4 Network Adaptor     6.1.6 COM4 Network Adaptor     1.6 Default <u>Save as     Only]     M4 settings in other sections.     M4 </u>	42 or 43   6.8 Global P.4 Network Automation Come 1 0 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1	arameler ction
A Network Cont     6.4 D6200 N     6.1 OC     6.1 OC     6.1 OC     6.1 OC     6.1 COM4 N     Programming pa     6.1.1 CC     Default	Iguation  etwork Constitution  etwork Constitution  etwork Adapter  6.1.1 COM4 Baud Rate  6.1.2 COM4 Data Bit  6.1.3 COM4 Data Bit  6.1.3 COM4 Parity  Etwork Adapter  Betwork Adapter  etwork Adapter  etwork Adapter  Etwork Adapter  9	rk Printer   6 6.2 COM1 Net 9 8 0 rn Configuration N [D6600 ispter, the follow rite any other C	O Event 3/1 or 4/1     O.7 Event     Ovork Adapter     O.1 + 0.7 Event     Ovork Adapter     O.1 + 0.044 Network Adapter     O.1 + 0.044 Network Adapter     Only     Sto Default	42 or 43 6 8 Global P4 Network Automation Conne 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	arameter ction
A Network Con     6.1 DO	Iguation  atwork Connection  atwork Connection  c 0.014 Network Adapter  c 0.11 COM4 Baud Rate  c 0.12 COM4 Data Bit  c 0.13 COM4 Data Bit  c 0.13 COM4 Parity  Betwork Adapter  c 0.13 COM4 Parity  CONNECTIONER CONNECTION  atwork Adapter	rk Printer   6 6.2 COM1 Net 9 8 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	6 Event 3/1 or 4/1 6.7 Event work Adapter 6.3 6.1.4 COM4 Stop Bit 6.1.5 COM4 Network Adaptor 6.1.6 COM4 Network Encrypt is to Default <u>Save as</u> Only]	42 or 43 6 8 Global PJ Network Automation Come 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1	arameter arameter cction

2. Refer to *Section 3.7.3* Editing the Configuration File.

#### 3.7.3 Editing the Configuration File

	00 Network Connection 6.5 1	letwork Printer	6.6 Event 3/1 or 4/1	6.7 Event 4/2	2 or 4/3 6.8 Global 1	Parameters
6.1	COM4 Network Adapter	6.2 COM1 N	etwork Adapter	6.3 Network Automation Connection		
	6.1 COM4 Network Adapter					
	6.1.1 COM4 Baud Rate	9	6.1.4 COM4 Stop	Bit	1	
	6.1.2 COM4 Data Bit	8	6.1.5 COM4 Net	vork Adaptor	0	
	6.1.3 COM4 Parity	0	6.1.6 COM4 Net	vork Encryption	Enabled 0	
Online Hel	P.	Return Configurati	ons to Default	Save as	Send to Receiver	Close
NET	WORK CONFIGURA	TION [D6600	Only]			
1 COM4	Network Adapter is used for connecting to a netwing parameters in this section will	ork adapter, the follo overwrite any other	owing parameters sha COM4 settings in othe	II be programn r sections.	ned.	
1 COM4 hen COM4 ogrammin 6.1.	Network Adapter     Is used for connecting to a network     g parameters in this section will     COM4 Baud Rate     ault     9	ork adapter, the follo overwrite any other	owing parameters sha COM4 settings in othe	ll be programn r sections.	ned.	
1 COM4 hen COM4 ogrammin 6.1. Def Selv Fixe	Network Adapter     is used for connecting to a netw     g parameters in this section will     1 COM4 Baud Rate     ault: 9     ection: 9     ord value as 38400bps.	ork adapter, the follo overwrite any other	owing parameters sha COM4 settings in othe	ll be programn r sections.	ned.	

- 1. Change options.
- 2. <u>Close</u>

2.

#### 3.7.4 Sending the Configuration File

After modifying the configuration file, send it back to the receiver for the changes to take effect

Changed parameters take effect immediately at the receiver. For example, after making modifications to the line formats, update the line card.



#### 3.8 Databases

#### 3.8.1 Caller ID (D6600 Only)

You can access the Caller ID Database only through the D6200 software, which logs all phone numbers coming into the receiver and associates each number with a handshake.

Figure 8: Caller ID	Database Management Menu
TeleCom Network SafeCom System I CPU Configuration Management	
Caller ID Database Management	Open/Manage Caller ID Database Configuration from File Read/Manage Caller ID Database Configuration from Receiver

The database is:

- automatically created by the receiver, or
- manually created by the user

The database is created with the first 16000 phone numbers entered or received.

Handshake Optimization uses the caller ID information provided by the public switched telephone network (PSTN) to create a database of a maximum of 16000 dialers. The receiver uses this Caller ID information to output the required handshake for that particular dialer. If the dialer does not respond to the optimized handshake, the receiver outputs the handshakes programmed for that line. For more information on the Caller ID Database, refer to the *D6600/D6100IPv6 Program Entry Guide* (P/N: 4998122702).



The D6600 can store only a DNIS Database or a Caller ID Database at one time. The databases cannot be stored simultaneously.

#### Enabling Caller ID Database



aller ID/DNIS database s	election
-Caller ID/DNIS database s	election
Enable Caller ID and	disable DNIS function
C Enable DNIS and dia	sable Caller ID function
<u>o</u> k	<u>C</u> ancel



#### **Opening the Database**

- Network SafeCom System 1. CPU Configuration Management Line Configuration Management Read/Manage Caller ID Database Configuration from Receive Caller ID/DNIS database selection Open Receiver Caller ID database file 🖉 🍶 « Program Files (x86) 🕨 D6200 🕨 + 4g 88 • 🔟 🔞 New folder Organize • loracle Current peacy.svs BF Viewer PerfLogs Sentinel Driver Cleanup Utility 퉬 Program Files 😑 UserBK 퉬 Program Files ( CidExample.DB Adobe Analog Devic Bosch 퉬 Bullzip Common File b D6200 Current File name: Receiver Caller ID Database (CII ▼ Open 🔽 Cancel
- 2.

3.

- to select the desired database. Open 💌 Caller ID Database Management Caller ID Handshake Format 0123456785 5 5 DualTone 0123456789 5 5 DualTone 10000000001 0 0 No handshake, hangup 1000000002 9 9 Robofon (D6641 Only) 9 Robofon (D6641 Only) 1000000003 9 1000000004 9 9 Robofon (D6641 Only) 1000000005 9 9 Robofon (D6641 Only) 1000000006 7 7 1600Hz ScanCom (D6641 Only) 1000000007 7 7 1600Hz ScanCom (D6641 Only) 1000000008 7 1600Hz ScanCom (D6641 Only) 7 1000000009 0 0 No handshake, hangup 10000000010 0 0 No handshake, hangup 10000000011 0 0 No handshake, hangup 15 CFSK V.21 (D6641 Only) 1000000023 15 15 CFSK V.21 (D6641 Only) 1000000024 15 15 CFSK V.21 (D6641 Only) 1000000025 15 1000000026 15 CFSK V.21 (D6641 Only) 15 1000000027 13 Telim (D6641 Only) 13 Caller ID Search by: **•** <u>S</u>earch Find value: <u>D</u>elete <u>A</u>dd <u>M</u>odify Close
- 4. Add Modify Delete

Total: 16000

Sa<u>v</u>e as

Adds a new number.

Modifies an existing number.

Send to Receiver

File name: C:\Program Files\D6200\CID\_16k.DB

Deletes an existing number.



1.

٠

•

2.

Saves the database with a new name (refer to Saving the Database with a New Name on page 26). Sends the database to the receiver (refer to Sending the Database on page 26).

#### **Reading the Database from the Receiver**





#### Adds a new number.

Modifies an existing number.

Deletes an existing number.



Saves the database with a new name (refer to Saving the Database with a New Name on page 26). Sends the database to the receiver (refer to Sending the Database on page 26).

2.

#### Saving the Database with a New Name

Organize • New folder     B       PerfLogs     B       Program Files     EB       Adobe     ES       Adobe     ES       Bosch     Sentinel Driver Cleanup Utility       Bultipi     Common Files       D6200     ES	Save Receiver Caller ID Database	i) • D6200 • • • • • • • • • • • • • • • • • •	
L Current	Organize Vew folder PerfLogs Program Files Adobe Adobe Boltzip Bosch Bultzip Common Files Common Files Courtent	Current EBF Viewer Sentinel Driver Cleanup Utility UcerBK CidExample.DB	

#### 2. Enter new filename.



Begin the new name for the Caller ID Database with CID.



#### Sending the Database

After modifying the configuration file, send it back to the receiver for the changes to take effect.

Changed parameters take effect immediately at the receiver.



#### Yes × onnecting Connected Ok [Start time is: 10:23:04] Transfer OK [Total transfer time = 0 Min 0 Sec ] Writing...,Please Wait. <u>o</u>ĸ Disconnecting Disconnected OK 3.



The database is in the receiver.

#### DNIS (D6600 Only) 3.8.2

The Dialed Number Identification Service (DNIS) Database identifies the proper handshake and communication format based on the DNIS account number received and can be accessed only through the D6200 software.

#### Figure 9: **DNIS Database Menu Commands** Network System **CPU** Configuration Management Line Configuration Management



The maximum capacity is 2000 DNIS accounts. All accounts must be manually entered using the D6200 software.



Refer to the Conettix D6600/D6100/Pv6 Program Entry Guide (P/N: 4998122702) for details.



to select the desired database.

Search

#### Network SafeCom System CPU Configuration Management Line Configuration Management . Open/Manage DNIS Database Configuration from File Caller ID/DNIS database selection D6200 Communication Statu Connecting... Connected OK Reading Receiver DNIS database. <u>o</u>ĸ DNIS Database M DNIS △ [ 00000 000004 00000 100000 1000009 Handshake1 Five Digit: Round Wait (\*100ms) Ademco High Speed Checksum BFSK Extended Handshake2 Six Digits: 1400 Hz Handshake3 4-1 Extended 3-1 Extended format Handshake4: 4-2 Extended 3-1 Restore Report in HS Format: Extended Format Report in HS Format Handshake5: Seven Digits 4 Modem lle Handshake6 6 SIA Bell 4-1 Expres Tone Duration (\*100ms) Handshake Wait (\*100m Handshake7 Pulse Wait P10ms) Handshake8: 0 No handshake, not accer Digit Wait (\*100ms); GSM/VolP Compensatio Search DNIS • Search by: Find value: Copy Modify Delete List all Set Field Saye as Send to Receiver Close File name: C:\Program Files (x86)\D6200\D le.DB

#### **Reading the Database from the Receiver**

2.

1.







Adds a new DNIS account.

Modifies an existing DNIS account.

Deletes an existing DNIS account.

Saves the database with a new name (refer to Saving the Database with a New Name on page 26).

Sends the database to the receiver (refer to *Sending the Database* on page 26). Saving the Database with a New Name

Organize • New folder     B       Image: Program Files     Image: Program Files       Image: Program Files     Image: Program Files<	Save Receiver DNIS Database	6) <b>•</b> D62	200 ▶		
Common Files     Current     Current	Organize  PerfLogs Program Files Program Files (x86) Adobe Adobe	•	Current EBF Viewer Sentinel Driver Cleanup Utility EVERK	88 <b>-</b>	
	<ul> <li>Bosch</li> <li>Bullzip</li> <li>Common Files</li> <li>D6200</li> <li>Current</li> </ul>	-	<b>Constantines</b>		

#### 2. Enter a new name.



3.

1.

×

Begin the new name for the DNIS Database file with DNIS.

#### Sending the Database

Save

After modifying the configuration file, send it back to the receiver for the changes to take effect.

Changed parameters take effect immediately at the receiver.



The database is in the receiver.

#### 3.8.3 Network Accounts

You must program each network account before the D6600/D6100IPv6 can supervise Bosch control panels connected to the network or C900V2/C900.

Starting with v2.00, account databases are **all** NNC (Network Naming Convention). Network Account databases entered as static IP addresses is no longer supported.

The Account Database File stores the programming for the field accounts. The D6600/D6100IPv6 processes signals, and manages and supervises field accounts using the information in this file.



The D6600/D6100IPv6 receiver and the D6200 software maintain the network account databases in either NNC mode or Static IP mode.

#### **Opening the Database File**

- 1. Determine the type of network that is hosted.
- feCom System Management Lang 2. Network Configuration Management Read/Manage Network Account Database Configuration from File Network Utilities × Open Receiver Account database file 💭 🗸 🕌 🔍 Program Files (x86) 🕨 D6200 🕨 👻 🍫 Search D6200 P Organize 🔻 New folder 88 **-** 🔳 🔞 peacy.sys
   PerfLogs
   Program Files
   Current
   EBF Viewer
   Sentinel Dri 🎉 Program Files Sentinel Driver Cleanup Utility Program Files ( UserBK \rm Adobe ActExample.DB 🌗 Analog Devic Bosch Bullzip CDBurnerXP Common File D6200 Lurrent -✓ Receiver Account Database (AC ▼ File name: ActExample.DB Open 😽 Cancel
- 3. Select the desired database.

#### Reading the Database from the Receiver

	guration ma	nagemen	t							
Network Acco	unt Database	e Manage	ment	Den/N	/lanage l	Network	Accou	nt Database Configura	ation from	File
Network Utiliti	es			Read/N	lanage l	Vetwork	Accour	nt Database Configura	tion from i	Receiver
D6200 Ca	mmunic	ation 9	itatu	5	1		1.1.1			
`onnecting									٦	
Connecting	 NK									
Ponnecieu (	2N opivor op	count (	lotob							
Reading Re	ceiver ac	counti	Jatan	ase						
teau succe	ssiuri									
	age Configura	tion								
Search by Ki Search by:	ey field			•		Sear	ch by c al acco	ombined options		_
Search by K Search by: Find value:	ey field			• ©		Virtu Virtu Supe	ch by c al acco al line: mision	ombined options unt: Time:	inable:	•
Search by Kr Search by: Find value: Search by N	ey field			• •		Sear Virtu Virtu Supe	ch by c al acco al line: mision	ombined options ant: Time: Search	inable:	•
Search by Ki Search by: Find value: Search by NI NNC Number	NC Number			• Go Go		Sear Virtu Virtu Supe	ch by c al acco al line: mision Viev	ombined options unt: Time: Search v resynchronized acco	inable: [	•
Search by Ki Search by: Find value: Search by NI NNC Numbe	ey field		-	• Co Go		Sear Virtu Virtu Supe	ch by c al accor al line: mision View	ombined options ant: Time: Search v resynchronized acco	inable:	
Search by Ki Search by: Find value: Search by Ni NNC Numbe	ey field NC Number NC Number	Il Accounts	5 <u>8</u> a	Co Go we as Se	nd to Re	Sear Virtu Virtu Supe ceiver	ch by c al accor al line: mision View	ombined options ant: Time: Search resynchronized accord d Changes to Receive	inable: ounts log r Exi	• •
Search by K Search by K Find value: Search by N NNC Numbe C900 Command Send Single Acco	ey field NC Number N: I ResyncA unt to Receiv	Il Accounts ref	5 <u>8</u> a	Co Go we as Se Delete Single	nd to Re	Sear Virtu Virtu Supe ceiver	ch by c al accor al line: wision View Ser	ombined options ant: Time: Search v resynchronized accor id Changes to Receive Read Sing	inable: ounts log r Exi gle Receive	• • t
Search by K Search by K Find value: Search by N NNC Number Send Single Acco	ey field NC Number N: BResyncA unt to Receiv Vitual Account	Il Account: rer	s Sa	Co Go Ve as Se Delete Single Supervision Time	nd to Re Receive ReSync	Sear Virtu Virtu Supe ceiver er Accour Status Ti	ch by c al acco al line: mision View Ser t me Sync	ombined options unt: Search resynchronized acco d Changes to Receive Read Sing Status Changed Time	inable: ounts log r Exi ple Receive Name	r Accoun
Search by Ki Search by Ki Search by Ki Find value: Find value: Search by NI NNC Number C900 Command Send Single Accor NNC Number A 10 00005742	ey field NC Number N: Resync A runt to Receiv Vitual Account 5742	Il Accounts ref Virtual Lin 0	s Sa	Go Go Delete Single Supervision Time 345 Seconds	nd to Re Receive ReSync 1	Sear Virtu Virtu Supe ceiver er Accour Status Ti 0	ch by c al acco al line: mision View Ser t ser t ser	ombined options ant: Time: Search resynchronized accord d Changes to Receive Read Sing Status Changed Time	inable: [ ounts log r Exi gle Receive Name	r Accoun
Search by Ki Search by Ki Find value: Search by NI NNC Number C900 Command Send Single Acco NNC Number 0000576	ay field NC Number NC Number I Resync A vunt to Receiv Vitual Account 5742 5966	Il Accounts ref Virtual Lin 0 0	s Sa	Go Go Delete Single Supervision Time 345 Seconds 245 Seconds	nd to Re Receive ReSync 1 1	Sear Virtu Supe ceiver er Accour Status Ti 0 0	ch by c al accor al line: mvision View Ser t t me Sync 0 0	ombined options int:  Time:  Search  resynchronized accr  d Changes to Receive  Read Sin  Status Changed Time	inable: [ ounts log r Exi ple Receive Name	r Accoun
Search by Ki Search by Ki Search by Ki Search by N Find value: Search by NI NNC Number O900 Command Send Single Acco NNC Number  00005742 00005966 00006001	ey field NC Number H: I Resync A vaunt to Receiv Vitual Account 5740 5996 6001	Il Accounts rer Vitual Lin 0 0 0	5 Sa e Enable 1 1 1	Go Go Go Delete Single Supervision Time 345 Seconds 345 Seconds	nd to Re Receive ReSync 1 1	Sear Virtu Supe celver er Accour Status Ti 0 0	ch by c al accor al line: nvision Viev Ser t Ser 0 0 0 0	mbined options int:  Time: Search resynchronized accc Read Sing Status Changed Time	inable: ounts log r Exi gle Receive Name	t Phone
Search by Ki Search by Ki Search by: Find value: Search by NI NNC Numbe C900 Command Send Single Acco NNC Number 00005742 00005542 00005000 00000002	ey field NC Number Hr. J Resync.A xunt to Receiv Virtual Account 5742 5940 6001 6002	Il Accounts ref 0 0 0 0	5 Sa e Enable 1 1 1	Go     Go     Go     Go     Go     Delete Single     Supervision Time     345 Seconds     345 Seconds     345 Seconds	nd to Re Receive ReSync 1 1 1	Sear Virtu Supe celver er Accour Status Ti 0 0 0	ch by c al acco al line: wision View Ser t t me Sync 0 0 0 0 0	Internet options ant: Search resynchronized accr d Changes to Receive Read Sing Status Changed Time	inable: ounts log r Exi gle Receive Name	t Phone
Search by Ki     Search by Ki     Search by Ki     Search by Ki     Find value:     Search by NI     NNC Number     Search dsingle Acco     Search Single A	ey field NC Number Mr. J Resync A vunt to Receiv Vitual Account 5742 5966 6001 6002 6003	Il Accounts	5 Sa e Enable 1 1 1 1 1	O     O	nd to Re Receive ReSync 1 1 1 1	Sear Virtu Supe celver status Ti 0 0 0 0	ch by c al acco al line: wision View Ser t t me Sync 0 0 0 0	embined options ant: Time: Search resynchronized accurs Read Sing Status Changes to Receive Read Sing	inable: ounts log r Exi ple Receive Name	r Accoun
Search by Ki Search by Ki Search by Ni NNC Number C900 Command Bend Single Acco 00005742 000005742 00000001 00000001	ey field NC Number- Hr. 1 Resync A sunt to Receiv Vitual Account 5766 5966 6001 6003 6004	Il Account: Vitual Lin 0 0 0 0 0 0	s Sa e Enable 1 1 1 1 1	Co Co Co Delete Single Supervision Time 345 Seconds 345 Seconds 345 Seconds 345 Seconds 345 Seconds	Receive Receive Receive 1 1 1 1 1 1 1	Sear Virtu Virtu Supe ceiver rr Accour status Ti 0 0 0 0 0 0	ch by c al acco al line: mision View Ser t Ser 0 0 0 0 0 0 0 0 0 0 0	mbined options ant: Search resynchronized accc d Changes to Receive Read Sing Status Changed Time	inable: [ ounts log r Exi gle Receive Name	*
Search by K Search by K Find value: Search by N NNC Number CR00 Commans Send Single Accord 00005742 00005906 0000001 00000001 00000001	ey field NC Number I Resync A sunt to Receiv Virtual Account 5742 5906 6002 6003 6004 6005	Il Accounts	5 Sa e Enable 1 1 1 1 1 1 1 1	Co Co Co Delete Single 245 Seconds 345 Seconds 345 Seconds 345 Seconds 345 Seconds 345 Seconds	Receive Receive 1 1 1 1 1 1 1 1	Sear Virtu Virtu Supe ceiver er Accour status 0 0 0 0 0 0 0 0 0	ch by c characteristic characteristi	mbined options ant: Search resynchronized acco nd Changes to Receive Read Sing Status Changed Time	inable: [ ounts log r	r Accoun
Search by K Search by X Find value: Search by X NNC Numbe Send Single Acco National Single Acco National Single Acco Search Search Search br>Search Sear	ay field NC Number r: J Resync.A xunt to Receiv Virtual Account 5742 5966 6002 6002 6003 6005 605	Il Account: Vitual Lin 0 0 0 0 0 0	e <u>Enable</u> 1 1 1 1 1 1 1 1 1	Co Co Co Co Co Co Co Co Co Co Co Co Co C	Receive Receive 1 1 1 1 1 1 1 1 1	Sear Virtu Virtu Supe celver er Accour status Ti 0 0 0 0 0 0 0 0	ch by c characteristic characteristi	embined options writ: Search rresynchronized accord d Changes to Receive Read Sing Status Changed Tree	inable: [ bunts log r Exi Name	r Accoun
Search by K Search by K Find value: Search by N NNC Numbe C000 Command Send Single Acco 0000574 0000576 0000000 0000000 0000000 0000000 000000	ey field NC Number I NC Number I I Resync A sunt to Receiv Vitual Account 5742 5742 6001 6002 6003 6004 6005 600 600 600 600 600 600 600 600 60	Il Account er O O O O O O O O O O O O O O O O O O	e Enable 1 1 1 1 1 1 1 1 1 1 1 1	Ge Ge Delete Single 245 Seconds 245 Seconds 345 Seconds 345 Seconds 345 Seconds 345 Seconds 345 Seconds 345 Seconds 345 Seconds	Receive Receive 1 1 1 1 1 1 1 1 1 1	Sear         Virtu           Virtu         Virtu           Super         Sear           reference         Sear           0         0           0         0           0         0           0         0           0         0           0         0           0         0	ch by c characteristic characteristi	mbined options ant: Search resynchronized accr ad Changes to Recorder Read Sing Status Changed Time	inable: ounts log r Exi Name	t     fAccount     Phone
Control Database     Search by:     Find value:     Search by:     Find value:     Search by:     NNC:     Number     C0000 Command:     C0000 Command:     00000742     0000000     0000000     0000000     000000	ey field NC Number r: J Resync.A g R	Il Accounts virtual Lin 0 0 0 0 0 0 0 0 0 0 0	5 <u>Sa</u> e <u>Enable</u> 1 1 1 1 1 1 1 1 1 1	Co Co Co Co Co Co Co Co Co Co Co Co Co C	nd to Re Receive 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Sear           Virtu           Virtu           Super           celver           nr Accour           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0	ch by c challaccor al line: view View Ser 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	mbined options ant: Search resynchronized account d Changes to Receive Read Sing Status Changed Time	inable: ounts log r	r Account
Search by K     Search by K     Search by K     Find value     Search by N     NNC Number     Search by N     N     NO     Search by N     Search by N     N     N     N     N     Search by N     Search by N     Search	ay field NC Number MC Numb	Il Account: Virtual Lin 0 0 0 0 0 0 0 0 0 0 0 0 0	5 <u>Sa</u> e <u>Enable</u> 1 1 1 1 1 1 1 1 1 1 1 1	Co Co Co Delete Single Delete Single Delete Single 245 Seconds 345 Seconds 345 Seconds 345 Seconds 345 Seconds 345 Seconds 345 Seconds 345 Seconds 345 Seconds	nd to Re Received 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Sear Virtu Virtu Supe ar Accour Status T 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ch by c characteristic characteristi	mbined options ant: Search ar resynchronized accr ad Changes to Receive Read Sint Status Changed Time	inable: ounts log r Exi Name	It     Phone

#### Editing the Database File

Figure 10 illustrates all the options available in the account.

Figure 10	10: Network Account Database Configuration										
										3	
	Account Datab	ase Configura	tion								ı x
1	Search by Key field Search by: Find value:						Se Vir Vir	arch by co tual accou tual line: pervision	ombined options	Enable:	- -
2	Search by N NNC Numb	INC Number-			Go	]		Viev	Search	counts log	
4	C900 Comman	d ResyncA	II Accounts	Sa	ve as S	end to Re	ceiver	Ser	id Changes to Receiv	er Exit	
	Send Single Acc	ount to Receiv	er		Delete Sing	le Receiv	er Acco	unt	Read Sir	igle Receiver	Account
	NNC Number △ 00005742	Virtual Account 5742	Virtual Line 0	Enable 1	Supervision Tim 345 Seconds	e ReSync	Status 0	Time Sync 0	Status Changed Time	Name	Phone 📥
5	00005966 00006001 00006002	5966 6001 6002	0	1 1 1	245 Seconds 345 Seconds 345 Seconds	1 1 1	0 0 0	0 0 0			
	00006003 6003 0 1 345 Second 00006004 6004 0 1 345 Second					1	0	0			
	00006005	00006005         6005         0         1         345 Second           00006006         6006         0         1         345 Second           00006007         6007         0         1         345 Second				1	0	0			
	00006008	6008	0	1	345 Seconds	1	0	0			
6	Add	Co	ру		Import		E	dit	Delete		List all
	Total: 175	No ke	y installed		File name:	C:\Progra	m Files	s (x86)\D62	00\ACT_FROM_D6x00(	173.84.33.89).9	_30_201 🥢
<ol> <li>Sear key fi</li> <li>Sear by Ni Acco</li> <li>Sear Pane (refei</li> <li>Data datab</li> <li>C C</li> <li>R w</li> <li>S N</li> <li>S</li> </ol>	<ul> <li>Search by Key field - Allows account searching by key field (refer to Search by Key Field on page 37).</li> <li>Search by NNC number – Allows account searching by NNC number (refer to Section 3.8.5 Searching for Account on page 37).</li> <li>Search by combined options - Allows account searching by Virtual Account Number, Virtual Line, Panel Poll Rate, or Communication Enabled/Disabled (refer to Search by Combined Options on page 37).</li> <li>Database file options - These options affect the database file as a whole.</li> <li>C900 Command – refer to Section 3.8.6 C900 Commands on page 38.</li> <li>Resync All Accounts – Set all accounts to resync with the receiver</li> <li>Save as - refer to Saving the Database with a New Name on page 34.</li> <li>Send to Receiver - refer to Sending the Database on page 35.</li> </ul>						Sei the Exi Sei Dei Rei <b>Ccou</b> urrent <b>ccou</b> dividi Ada Coj <b>t - re</b> Imp Edi Dei	nd Chan Databa t – Exit t nd Singl lete Sing ad Singl <b>nt listin</b> tly open <b>nt optio</b> ual acco d - refer py - refe <b>fer to</b> port an A cort an A ti - refer lete - ref	ges to Receiver - se on page 35. he account datab e Account to Rec gle Receiver Account g - A listing of all database ons - These option unts in the database to Add or Edit Account to Copy an Account account on page 3 to Add or Edit Account to Delete an A	refer to Se pase file eiver – punt - accounts in accounts in as affect th ase. count on pag 33 count on pag count on pag	ending n the e age 29 ge 33 age 29 page 34





#### Account Tab

#### Figure 11: Account Tab

ccount Settings	Notes		Required Fie
Account Name:			
Phone Number:		Fax Number:	
E-mail Address:			
Admin Name:		Zip:	
Contact 1:		Contact 1 Tel:	
Contact 2:		Contact 2 Tel:	
Contact 3:		Contact 3 Tel:	
Contact 4:		Contact 4 Tel:	
Panel Type:		Network Device:	Integrated Device 💌
Format:		Test Interval:	
Address 1:			
Address 2:			
Address 3:			
Memo:			
History informatio Time created:	n 02-13-2012 15:37:	15 Last modified time:	

All information on the Account tab is for reference only except for the Network Device which is required to be selected. Select the appropriate Net Device type in the Net Device field.

Network Device:	Integrated Device 💌	]
Test Interval:	Dialer Capture Device Integrated Device	

For Bosch control panels that use on IP or a network interface module, select **Integrated Device**. If a C900V2/C900TTL-E is used, select **Dialer Capture Device**.

#### Settings Tab



**NNC Number** (*Item 1* in *Figure 12* on page 30) Enter either the account number of Area 1 from the Bosch Control Panel or the Serial number of the C900V2/C900TTL-E

NNC Number: (Area 1 Account Number) 01020304

MAC Address (Item 2 in Figure 12 on page 30)

The MAC address is for reference only and is not required for an account to report.

This six-byte (twelve-digit) address is hard-coded into the network device or control panel and identifies the device on the network. Refer to the control panel or NIM's installation guide for information on finding the MAC address.

**Virtual Account** (*Item 3* in *Figure 12* on page 30) Enter the account number of the control panel as it is to be identified in the automation system.

Virtual Account : 012

0123456789

A Virtual Account number identifies the control panel that lost its network connection when a "Communication Failure" message appears. If the Virtual Account Replacement function is disabled [refer to *Menu Item 6.8.4 Virtual Account Replacement* in the

Failure" message appears. If the Virtual Account Replacement function is disabled [refer to *Menu Item 6.8.4 Virtual Account Replacement* in the *D6600/D6100IPv6 Program Entry Guide* (P/N: 4998122702)], the default message "ACT0000 Communication Failure" appears. If this happens, load the network database from the D6600 into the D6200 and view the individual account states to identify which control panel has lost its network connection.

**Enable Communication** (*Item 4* in *Figure 12* on page 30)

Enables or disables communication between the networked control panel and D6600/D6100IPv6.

Enable Communication : Yes -

**Virtual Line** (*Item 5* in *Figure 12* on page 30) Enter the line number (0 to 34) to identify the control panel and account if the automation system is used in combination with the account number for the alarm control panel. If the line number is not used, enter zero.

Virtual Line:



0

**Virtual Receiver** (*Item* 6 in *Figure* 12 on page 30) Because the D6600/D6100IPv6 handles multiple PSTN lines, each account can be individually programmed to have a different receiver number.

Virtual Receiver:

0 -

Default:	0
Selection:	0, 01 to 99
0	The receiver uses the receiver number programmed in <i>Menu Item 2.2.30</i> in the D6600.
01 to 99	The receiver uses this number for sending information from the network account to the automation software.

Time Sync (Item 7 in Figure 12 on page 30)

If set to 1 and the account is a Bosch 9000/G/GV2/GV3/GV4(v1.x) control panel, the receiver synchronizes the control panel's time with the receiver's time by setting the minutes of the panel. If set to 0, the times are not synchronized.

Time Sync:





This only occurs between 10 and 50 minutes after the hour and does not occur between 50 and 10 minutes at the top of the hour. This time sync does not set the date or the hour of the panel.

**Supervision Time** (*Item 8* in *Figure 12* on page 30) This value determines the time before the receiver declares a Communications Failure if no message is received from the control panel or dialer capture device. Set the desired Supervision Time for the account.

Supervision Time:	20 Seconds	-
Anti-Substitution Options	1275 Seconds 1 Hours 2 Hours	•
ReSynchronization:	3 Hours	
Connection Status	4 Hours 5 Hours 6 Hours 7 Hours	-

The receiver supports a supervision time from 0 to 1275 seconds and from 1 to 255 hours. The Bosch control panel sends a range of polls (0 to 65535 sec). The C900V2 / C900TTL-E poll rate ranges from:

- 0 to 255 sec, using the C900 control commands from the D6200 software
- 75 or 240 sec, depending on the DIP switch position on the C900TTL-E or C900V2

Any C900 control command sent to the receiver (and to the selected C900 device) from the D6200 software supersedes any DIP switch settings. The DIP switch settings take affect when the C900TTL-E or C900V2 reboots.



C900 v1.10 or greater has a 75 sec default poll rate and C900 v1.09 or less has a 30 sec default poll rate when DIP Switch 7 is in the OFF position.

See the control panel, network module, or dialer capture device literature for recommended or required supervision time.

# **Anti-Substitution (Resynchronization)** (*Item 9* in *Figure 12* on page 30)

Set Resynchronization to YES when entering new accounts and when a system is being replaced.

Anti-Substitution Options

ReSynchronization:



Default:	Yes
Selection:	Yes or No
Yes	Receiver issues a new static key* to this account the next time it communicates with the control panel.
No	Receiver does not issue a new static key*; the control panel uses the key it received from the first communication with the receiver. If this key is incorrect, the communication will generate a substitution alarm.
* The receive panel side s more secur	r issues static keys to all new accounts. If the supports this 'key', the communication becomes e because substitution and replay are ruled out.

#### Notes tab

Use this screen to log information unique to each account. This information is for reference only.

Edit Acc	punt		
Account	Settings Notes		
	Notes		
	<u>O</u> K <u>C</u> lose	2	
		1	

#### **Copy an Account**

This command can be accomplished by using the D6200 Programming Software.

#### To copy an account:



1. 🎢

2.

し) select an existing account

Copy Copied Account from 01020304

Any Account information from the copied account is transferred to the copy with only the NNC number remaining blank.

3. Network

Network Device: Integrated Device

Yes

and select the proper device from the dropdown menu.

4. Settings

5. NNC Number: (Area 1 Account Number)

Enter the NNC number for this new account.

- 6. Enter the correct Virtual Account number and other required information if it is different from the copied account.
- 7. If this is a new account, be sure that ReSynchronization is set to **Yes**.

ReSynchronization:

8. <u>ο</u>κ

#### Import an Account

You can import an account only by using the D6200 Programming Software.

To import an account from another database:

Account Database	Configuration						1000		
Search by Key	field		1		Search	by combin	ed options		_
Search by:	Precount Nam	•	Go		Virtual a	iccount:		-	
Find value:				1	Virtual li	ne:	1 2	Enable	· ·
					Panel p	oll rate:			•
Search by NNC	C Number			7			Search		
NINC NUMBER.			GQ	1		<u>V</u> iew resy	nchronized	accounts	log
C900 Command	Resync All Acco	ounts Sav	as	Send to Re	ceiver	Send Cha	inges to Re	ceiver	Egit
Send Single Accour	nt to Receiver		Delete Sin	gle Receive	er Account		Read	Single Re	ceiver Acc
NNC Account Vir	tual Account Virtu	al Line Enable	Supervision 1	Time ReSync	Status Time	Sync Statur	s Changed Tir	ne Name	PhoneNut
01020304 0	123456789	0 1	300 Sec	1	0	0			
Add	Copy	1	Import		Edit	1	Delete	1	List
	Ma loss inst		1			-		_	
Total: 1	INO KEY INSU	alled	File nam	e: C:\Progra	ım Files (x86)	\D6200\Act	Example.DB		
	Impo	rt	File nam	e: C:\Progra	im Files (x86)	\D6200\Act	Example.DB		
	Impo	rt	File nam	e: C:\Progra	im Files (x86)	\D6200\Act	Example.DB		
Receiver Netw	Impo	nt atabase	File nam	e: C:\Progra	m Files (x86)	\D6200\Act	Example.DB		X
Receiver Netw	Interest Instances	atabase es (x86) > [	File nam	e: C:\Progra		Search	D6200		×
Receiver Netwo Organize ~	Into key inst Impo ork Account Da * Program File New folder	atabase es (x86)   [	File nam	e: C:\Progra	• <b>4</b>	Search	D6200	-	× م 0 ا
Receiver Netwo	Into key inst Impo ork Account D: * Program File New folder typs	atabase es (x86)   E	File nam	e: C:\Progra	• •	Search	D6200	•	× م 9 [
Receiver Netw Organize ~ Drganize ~	Into key inst Impo ork Account D: * Program File New folder eys	atabase es (x86)   E	File nam	e: C:\Progra	▼   <del>6</del> ∳	Search	Example.DB	•	× م 0 ا
Receiver Netw Organize V Drganize V PerfLog Program	Into key inst Impo ork Account D: Program File New folder Pys gs m Files	atabase es (x86) + [ ] EBF View Sentinel	File nam	anup Utili	▼	Search	D6200	•	× م ا
Organize Perflog Perflog Program	Into key inst Impo ork Account Di Program File New folder bys m Files m Files	tabase es (x86) → E EBF Viev Sentinel UserPV	File nam 16200 ► ver Driver Cle	e: C:\Progra	• <del>6</del> 9	Search	D6200	•	× م 9 ا
Receiver Netw Organize Program Addeb	Into key inst Impo ork Account Do * Program File New folder bys gs m Files m Files e	t atabase	Ver Driver Cle	e: C:\Progra	• <del>6</del> 9	Search	D6200	•	× م 0
Receiver Netw Organize • Organize • Perflog Perflog Pergran Adob	Into key inst Impo ork Account D: * Program File New folder bys m Files m Files m Files m Files m Devir	rt atabase es (x86) > E EBF View Sentinel UserBK & ActExan	File nam 16200 ► ver Driver Cle nple.DB	e C:\Progra	▼   <del>6 y</del> ty	Search	D6200	•	× م 0
Receiver Netw Crganize Organize Progran Progran Progran Adob Anala Progran	Impo ork Account Do reprogram File New folder pys m Files m Files m Files g Devic	atabase es (x86) → [ EBF View EBF View Sentinel UserBK SActExan	Ver Driver Cle	anup Utili	• • •	Search	D6200	•	× م 0
Receiver Netw Organize Organize Program Adob Adob Anala	Impo ork Account Di Program File New folder pys as m Files Biles ag Devic h	atabase es (x86) > E EBF View EBF View Sentinel UserBK & ActExan	File nam	e C:\Progra	• 54	Search	D6200	•	× م 0
Receiver Netw Organize • Progra Progra Adob Anala Boscl Buttioner Butt	Limpo ork Account D « Program File New folder pys as m Files ( m Files ( m Files ( m po pop Devic h pp Devic	tt atabase es (x86) → E EBF View EBF View Sentinel UserBK ⊗ ActExan	File nam x6200 ► ver Driver Cle sple.DB	anup Utili	• (48)	Search	D6200	•	× م 9 ا
Organize V Organize V Program Adob Boocl Bultzi COBL	Impo ork Account D. Kerogram File Wew folder yys files m Files g Devic h ip: ymp	atabase es (x86) → [ BBF View BBF View Sentinel UserBK Schart	Ver Driver Cle uple.DB	e C:\Progra	▼ <del>€</del> 2	Search	D6200	•	x م ا
Receiver Netw Organize • Organize • Organize • Pertogra Pertogra Analo Boutzi Butizi COBM	Ver key hiss Impo ork Account D: New folder New folder m Files m Files ( p gg Devic h p prom/KP mon File	atabase es (x86) → [ BEFF View Sentinel UserBK ⊗ ActExan	Ver Driver Cle	anup Utili	• 49	Search	D6200	•	× م ا
Receiver Netw Crganize Program Program Program Adob Anala Bosci Bultzi Comm D6200	Limpo ork Account D we vegram File New folder Pys as m Files ( m Files ( m Files ( m Files ) o D	tabase es (x86) → [ BF View BEF View Sentinel User8K ⊗ ActExar	V6200 > ver Driver Cle uple.DB	anup Utili	• 49	Search	D6200	•	× م 0
Receiver Netw Organize • Organize • Perfug Perfug Perfug Perfug Perfug Perfug Perfug Perfug Deco Builtz Builtz CDBL CDBL CDBL CDBL CDBL CDBL CDBL CDBL	Limpo ork Account D × Program Fild New folder % Files pg Devic h pip armerXP mon File 0	rt atabase es (x86) > 1 BF View BEF View Sentinel UserBK Q ActExan	Ver Driver Cle	anup Utili	• 42	Search	D6200	•	× م 0
Receiver Netwo Organize * Organize * Perflog Program Anale Boscl Bullz Bullz Com	Ver beyins: Impo ork Account D. * Program File Wew folder Pys ps m Files ( m Files ( m Files ( m Files ( m File nam File nam	rt atabase es (x86) > Current EBF View Scentinel UserBK Querek ActExan	6200 ► ver Driver Cle	e: C\Progra	• <del>{ { } }</del>	Search	D6200	× I	بر م ا
Receiver Netw Organize Progra Progra Adob Anala Bosci Bultzi CDB D6200	Vie key hiss Impo ork Account Di * Program File New folder Program File se og Devic hip mon File 0 rrent File nam	et	File name	anup Utili	• \$	Receive	D6200	• I	× ۵

2.

•

1.

Select the database where the source account(s) to be copied reside.

IP Address 🛆	Virtual Account	Virtual Line	Enable	Poll Rate(X10)
00006001	6001	0	1	345 Sec
00006010	6010	0	1	345 Sec
00006011	6011	0	1	345 Sec
00006012	6012	0	1	345 Sec
00006013	6013	0	1	345 Sec
00006002	6002	0	1	345 Sec
00006014	6014	0	1	345 Sec
00006015	6015	0	1	345 Sec
00006016	6016	0	1	345 Sec
00006017	6017	0	1	345 Sec
00006018	6018	0	1	345 Sec
00006019	6019	0	1	345 Sec
00006003	6003	0	1	345 Sec
00006020	6020	0	1	345 Sec
00006021	6021	0	1	345 Sec
00006022	6022	0	1	345 Sec
00006023	6023	0	1	345 Sec
00006024	6024	0	1	345 Sec
				•

3.		<b>Dele</b> Dele	ete an Account etes the selected account(s) from the database.
	Please select records to copy          IP Address       Virtual Account       Virtual Line       Enable       Poll Bate(X10)         IP Address       A       Virtual Account       Virtual Line       Enable       Poll Bate(X10)         IP Address       A       Virtual Account       0       1       345 Sec         IP Address       A       Virtual Account       0       1       345 Sec         IP Address       A       Virtual Account       0       1       345 Sec         IP Address       A       Virtual Account       0       1       345 Sec         IP Address       A       Virtual Account       0       1       345 Sec         IP Address       A       Virtual Line       Enable       Poll Bate(X10)       IP         IP Address       B       0       1       345 Sec       1       345 Sec         IP Address       A       IP       1       345 Sec       1       345 Sec         IP Address       B       IP       1       345 Sec       1       1         IP Address       A       IP       1       345 Sec       1       1         IP Address       IP Address       IP       1       345 Sec       1<		Account Database Configuration       Search by Kay field         Search by Kay field       Go         Find value:       Go         Search by NNC Number       Virtual account:         NNC Number:       Go         View resynchronized accounts log         C600 Command       Resync.Al Account         Search by NNC Number:       Go         View resynchronized accounts log         Search by NNC Number:       Delete Single Receiver Account         Search by NNC Number:       Delete Single Receiver Account         TRC Number 2:       Visual Account/Visual Line [Enable:         De 00000001       0         00000001       0         00000001       0         00000001       0         00000001       0         00000001       0         00000001       0         00000001       0         00000001       0         00000001       0         00000001       0         00000001       0         00000001       0         00000001       0         00000001       0         00000001       0         00000001       0         0000001
4.		1.	Add Copy Import Edit Delete List at Total 175 No key installed File name: C1/Program Files (460) D6200 ACT_FROM_D6400(173.84.33.89) 9.30.201
5	2 of 2 total selected account(s) have been copied.		To select more than one account in different parts of the list, highlight the first one and then hold down the [Ctrl] and click the second one, the third one, and so on.
	Duplicate account numbers are not		To select a series of accounts, highlight the first one, hold down the [Shift] key and click the last account.
6.	imported.	2.	
0.	Coord       Close         Account Database Configuration       Search by combined options         Search by:       Ge         Find value       Search by:         Bearch by NNC Number       Ge         NNC Number       Ge         View resynchronized accounts log         C000 Command       Resync All Accounts         Sind Single Account to Receiver       Beard Disone Strate         Search by:       Ge         Search by:       View resynchronized accounts log         C000 Command       Resync All Accounts         Single Account to Receiver       Beard Disone Strate         Search by:       Detectiver Search Changes to Receiver Account         Search by:       Detectiver Search To Receiver Account         Searc	3.	Information       X         Delete selected account?       Delete selected account?         Yes       No         Deletes the selected account(s).         No       Cancels the delete operation.
	Add Copy Import Edit Detels List all Total: 3 No ky installed File name C/Program File (46)/06/00/Add sample.08		The account is deleted and disappears from the list of accounts.

#### Saving the Database with a New Name

Network account database files can be saved with a different file name but only within the database file.



2. Type the new name.

Hide Folders

1.

3.

S. Save Save The new name for the account database file must begin with ACT; otherwise, the following error occurs: Fror Account database file must be named in this format: 'ACTxxxDB' OK

#### Sending the Database

Send the database back to the receiver after modifying it from the D6200 interface for the changes to take effect. There are two options for sending the account database:

- 1. Send Changes to Receiver Send only new or changed network account entries.
- 2. Send to Receiver This sends the entire network account database.

Starting with v2.0 of D6200, sending only changes to the network account database can be performed. If the receiver does not currently have a network account database loaded into it or if the power has been cycled, **Send to Receiver** must be used to send the entire database to the receiver. If changes or new accounts are added to a network account database already in use, then **Send Changes to Receiver** can be used.

The <b>Send Changes to Receiver</b> can only be used in the current session. If changes are made and saved to a database, it is closed and then later re-
opened, then the entire database will need to be sent to the receiver.

Network account databases that are modified and changes only can be sent will show the modified account in this manner:

hable Supervision Time ReSync Status Time Sync Status Changed Time Name PhoneNum Account IP Account Port Flag

#### 1 345 Seconds 1 0 0 1 345 Seconds 1 0 0

Save Cancel

A new account will be green in color and have a flag of New. A modified account will be blue in color and have a flag of Changed.





#### 3.8.4 Modifting individual accounts

Starting with v2.00 of D6200 with the latest version of software in the receivers, there are new options that enable the ability to:

- Send Single Account to Receiver
- Delete Single Receiver Account
- Read Single Receiver Account

#### Send Single Account to Receiver

This allows for a single account from a network account database to be sent to a receiver.

Start by either receiving or opening an existing network account database.

1. Select the account to be sent to the receiver.

5	Account Data	base Configuration	on									x
Г	-Search by H	Key field		_		1	Se	arch by c	ombined options	_		_
	Search by:				-		Vir	tual accou	unt:			
	Enduring				G0		Vir	tual line:		Enabl	e 🖓	
	Find value:							cuar nire.		Linau	•	
	Search by I	INC Number					Su	pervision '	Time:		•	
	NNC Numb	arc Number		_	Co. 1				Search			
		an.			- 60			View	resynchronized acc	ounts	s log	
1	C900 Commar	d Resync All	Accounts	Sa	we as S	end to Re	ceiver	Ser	d Changes to Receiv	er	Exit	
-	Send Single Acc	count to Receive	r		Delete Singl	e Receiv	er Acco	unt	Read Sin	igle R	eceiver Acc	ount
	NNC Number 🛆	Virtual Account V	/irtual Line	Enable	Supervision Tim	e ReSync	Status	Time Sync	Status Changed Time	Name	e PhoneNum	L.
Þ												
	00001002	1002	0	1	1 Hours	1	0	0				
1	00001003	1003	0	1	1 Hours	1	0	0				
	00001004	1004	0	1	1 Hours	1	0	0				
]	00001005	1005	0	1	1 Hours	1	0	0				
1	00001006	1006	0	1	1 Hours	0	٥	0				
	00001007	1007	0	1	1 Hours	1	0	0				
	00001008	1008	0	1	1 Hours	1	0	0				
	00001009	1009	0	1	1 Hours	0	0	0	12/5/2012 3:13:42 PM			74.2
	00001010	1010	0	1	1 Hours	1	0	0				0.0
4												E
	Add	Cop	1		Import		E	dit	Delete		List	all
÷.	4-1.271	No.her	Installed	-	Eleasone	C-1 Property	en Ele	1-961063	OLACT EROAA DE-004	172.04	22 001 1 2 6	6 201

If required, make changes to the account record and save the changes back to the database.

	Send Single Account to Receiver
Confirm	
?	Are you sure you want to send the selected account to receiver?
	Ves No

#### **Delete Single Receiver Account**

This allows for a single account from a network account database to be deleted from a receiver.

Start by either receiving or opening an existing network account database.

•	Delete Single Receiver Account
	Delete Single Receiver Account
	Please input a NNC number
	OK Cancel

1

2

3.

4.

Enter the NNC number of the account to be removed and click **OK**.

Connecting to the Primary Receiver[192.168.1.10.7700] Connected OK	
Deleting account from receiver (NNC:00009999) Account is sucessfully deleted from receiver.	_
Disconnecting Disconnected OK	

#### Click OK.

	-Search by H	Key field					Se	arch by c	ombined options			
	Search by:				• • 1		Vir	tual acco	unt:			
	Find value:				G0		Vir	tual line:		Enabl	e: 💽	1
		1					Su	nen/sion	Time			1
	Search by I	NC Number					00	permanon	Canada	1	_	1
	NNC Numb	er:		_	Go				Search	1		_
						View resynchronized accounts log						
0	000 Commar	d Resync Al	I Accounts	Sa	ve as Se	nd to Re	ceiver	Ser	d Changes to Receiv	er	Exit	1
			4		_							
	end Single Acc	count to Receiv	er		Delete Single	Receiv	er Acco	unt	Read Sir	ngle R	eceiver Ac	cour
2												
J	NNC Number 🛆	Virtual Account	Virtual Line	Enable	Supervision Time	ReSync	Status	Time Sync	Status Changed Time	Name	PhoneNum	1
I	NNC Number △	Virtual Account 9999	Virtual Line Ø	Enable	Supervision Time 200-Seconds	ReSync #	Status	Time Sync Ø	Status Changed Time	Name	PhoneNum	1
I	NNC Number △ 666699999 00008123	Virtual Account 9999 B123	Virtual Line 0	Enable #	Supervision Time 200-Seconds 1 Hours	ReSync # 0	Status 1	Time Sync Ø	Status Changed Time	Name	PhoneNum	74.2
I	NNC Number △ 000099999 00008123 00008124	Virtual Account 9999 8123 8124	Virtual Line 0 0	Enable 1	Supervision Time 200-Seconds 1 Hours 1 Hours	ReSync a 0 1	Status 1 0	Time Sync 0 0	Status Changed Time	Name	PhoneNum	74.2
	NNC Number △ 00008123 00008124 00008125	Virtual Account 9999 8123 8124 8125	Virtual Line 0 0	Enable 1 1 1	Supervision Time 200 Seconds 1 Hours 1 Hours 1 Hours 1 Hours	ReSync	Status 1 0	Time Sync 0 0 0	Status Changed Time 12/6/2012 10 23:18 AM	Name	PhoneNum	74.2
	NNC Number △ 60009999 00008123 00008124 00008125 00008440	Virtual Account 9999 8123 8124 0125 8440	Virtual Line 0 0 0 0 0	Enable 1 1 1 1	Supervision Time 200 Seconds 1 Hours 1 Hours 1 Hours 1 Hours 1 Hours	ReSync a 0 1 0 1 1	Status 1 0 0	Time Sync 0 0 0 0	Status Changed Time 12/6/2012 10:23:18 AM	Name	PhoneNum	74.2
	NNC Number △ 60009999 00008123 00008124 00008125 00008440 00008441	Virtual Account 9999 8123 8124 8124 8125 8440 8441	Virtual Line 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Enable 1 1 1 1 1	Supervision Time 200 Seconds 1 Hours 1 Hours 1 Hours 1 Hours 315 Seconds	ReSync	Status 1 0 0	Time Sync 0 0 0 0 0 0 0	Status Changed Time 12/6/2012 10:23:18 AM	Name	PhoneNum	74.2
	NNC Number △ 60009999 00008123 00008124 00008125 00008440 00008441 00008442	Virtual Account 9999 B123 B124 B125 B140 B140 B441 B441 B442	Virtual Line 0 0 0 0 0 0 0	Enable 1 1 1 1 1 1 1 1 1 1	Supervision Time 200 Seconds 1 Hours 1 Hours 1 Hours 1 Hours 315 Seconds 315 Seconds	ReSync 0 1 0 1 1 1	Status 1 0 0 0 0	Time Sync 0 0 0 0 0 0 0 0 0	Status Changed Time 12/6/2012 10:23:18 AM	Name	PhoneNum	74.2
	NNC Number △ 00009999 00008123 00008124 00008124 00008125 00008440 00008441 00008442 00008442	Vitual Account 9999 8123 8124 8124 8125 8440 8440 8441 8442 8442 8443	Virtual Line 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Enable 1 1 1 1 1 1 1 0	Supervision Time 200 Seconds 1 Hours 1 Hours 1 Hours 315 Seconds 315 Seconds 315 Seconds	ReSync 0 1 0 1 1 1 1 1	Status 1 0 0 0 0 0	Time Sync 0 0 0 0 0 0 0 0 0 0 0	Status Changed Time 126/2012 10:23:18 AM	Name	PhoneNum	74.2
	NNC Number △ eeee99999 00008123 00008124 00008125 00008440 00008441 00008442 00008442 00008442	Virtual Account 9999 8123 8124 8125 8440 8440 8442 8442 8443 8444	Virtual Line  0  0  0  0  0  0  0  0  0  0  0  0  0	Enable 1 1 1 1 1 1 1 1 1 1 1 1 1	Supervision Time 200-Seconds 1 Hours 1 Hours 1 Hours 315 Seconds 315 Seconds 315 Seconds 315 Seconds 315 Seconds 1 Hours	ReSync 0 1 0 1 1 1 1 1 1	Status 1 0 0 0 0 0 0 0	Time Sync 0 0 0 0 0 0 0 0 0 0 0 0 0	Status Changed Time	Name	PhoneNum	74.2
	NNC Number △ eeee99999 00008123 00008124 00008125 00008440 00008441 00008442 00008442 00008442 00008444 00008445	Virtual Account 9999 8123 8124 8124 8125 8440 8441 8442 8443 8443 8445	Virtual Line  0  0  0  0  0  0  0  0  0  0  0  0  0	Enable 1 1 1 1 1 1 1 1 1 1 1 1 1	2005 Seconds 1 Hours 1 Hours 1 Hours 1 Hours 315 Seconds 315 Seconds 315 Seconds 315 Seconds 1 Hours 1 Hours	ReSync 0 1 1 1 1 1 1 0 0	Status 1 0 0 0 0 0 0 0 1	Time Sync 0 0 0 0 0 0 0 0 0 0 0 0 0	Status Changed Time	Name	PhoneNum	74.2
	NNC Number 00008123 00008124 00008124 00008440 00008441 00008442 00008443 00008443 00008445	Virtual Account 9999 8123 8124 8125 8440 8440 8441 8442 8443 8443 8445	Virtual Line 0 0 0 0 0 0 0 0 0 0 0 0 0	Enable 1 1 1 1 1 1 1 1 0 1 1 1	200 Seconds 1 Hours 1 Hours 1 Hours 1 Hours 315 Seconds 315 Seconds 315 Seconds 1 Hours 1 Hours	ReSync 1 0 1 1 1 1 1 0	Status 1 0 0 0 0 0 0 1	Time Sync 0 0 0 0 0 0 0 0 0 0 0 0 0	Status Changed Time 12/6/2012 10:23:18 AM	Name	PhoneNum	74.3

Click **Exit** to exit the database. It will confirm that you want to save the changes to the database.

23

Б
υ.

Confirm

Configurations changed save to C:\9rogram
 Filen/D620014CT\_FROM\_D64001192168110).12-06-201211\_08\_14.db?
 Yes No Cancel

Click **Yes** to save the changes back to the open database.

#### **Read Single Receiver Account**

This allows for the settings and current status of a single account from a network account database to be read from a receiver without receiving the entire database.

Start by opening an existing network account database.



Enter the NNC number of the account to be read and click **OK**.

NNC Number:	00003535		
Virtual account:	9999	Supervision Time:	200 Seconds
Enable Communication:	1	Virtual Receiver:	0
Virtual Line:	0	Time Sync:	0
ReSynchronization:	1	Static Key:	D7 8

#### Click Import.

3.

4	Confirm	-	And and Personnel Name	-X-
	The account	t already exists in the cu	urrent database. Do y	ou want to overwrite it?
		Yes	No	

Click **Yes** to confirm the import and receive the current settings and status.

Hite Hullber.			
Virtual account:	9999	Supervision Time:	200 Seconds
Enable Communication:	1	Virtual Receiver:	0
Virtual Line:	0	Time Sync:	0
ReSynchronization:	1	Static Key:	07.8

Click **Close** to complete the Import.

#### 3.8.5 Searching for Account

Three options are available in the D6200 Programming Software when searching for an account. Search by:

- Key field
- NNC Number
- Combined options



#### Search by Key Field

Any of the account fields can be used to search for a particular text string.

igure 14: Sea	rch by Key field	
Search by Key	r field	
Search by:	Account Name	▪ Go
Find value:		

•

.

•

•

Available fields in the "Search by:" drop down list:

- Account Name
- Administrator
- Virtual Account
- Control panel Type
- Control panel
   Communication
   Format
- Zip
- Phone Number
- Fax Number
- Contact 1
- TelephoneContact 5
- Contact 5
  Contact 5
  - Telephone

Contact 1

Telephone

Contact 2

Contact 2

Contact 3

Contact 3 Telephone

Contact 4

Contact 4

Telephone

- Time Sync
- Resynchronization

Use the "Find value:" field to enter a specific text string.

Click the **<u>G</u>O** button to search.

#### Search by NNC Number

Find an account by a specific NNC number as the criteria.

The search box uses NNC number.

Enter the NNC number and click the **<u>GO</u>** button to start the search.

#### **Search by Combined Options**

Virtual Account, Virtual Line, Enable, and Control Panel Poll Rate search options are available in combination to find an account.

Search by combined	l options
Virtual account:	
Virtual line:	Enable:

Click the **View resynchronized accounts log** button to view a log of the last time accounts were synchronized [refer to **Anti-Substitution (Resynchronization)** on page 32] between the D6200 and the receiver.

#### 3.8.6 C900 Commands

The D6200 can send commands to active and enabled C900TTL-E or C900V2 modules on the network.

Account Data	base Configuration			(IF	
Search by Search by Find value	Key field Account Name	<u><u>G</u>o</u>	Search by o Virtual acco Virtual line: Panel poll r	ate:	Enable:
NNC Num	ber:	GQ	Vie	Search w resynchronized acc	ounts log
Send Single Ad	count to Receiver	Delete Single F ine Enable Supervision Time I 1 300 Sec	teceiver Account ReSync Status Time Syn 1 0 0	Read Sin	gle Receiver Account

These commands (accessed from inside an open Network Account Database) are in two categories:

- Dialer Status
- Transmission rate

To send a C900 command, refer to *Changing C900 Transmission Settings and Retrieving C900 Status* on page 40.



- 4 C900 Dialer Status commands
- 5 Change button (C900 Dialer status)
- 6 C900 Message Transmission Rate parameters
- 7 Set defaults

Select a C900 NNC account from the **Select C900** drop down menu by first using the <u>Select button</u> (*Item 2* in *Figure 17*).

Modify the C900 Dialer Status (*Item 4* in *Figure 17*) and C900 Message Transmission Rate (*Item 6* in *Figure 17*) parameters after selecting a C900. Click the **Change** button (*Item 5* and *Item 8* in *Figure 17*) to send the commands to the C900. Sending of the commands is shown by a slowly advancing taskbar (*Item 3* in *Figure 17*).

After the C900 polls the receiver, the D6200 delivers the commands to the C900. When a command is scheduled for delivery to the C900 and the poll rate is set for 30 sec, the command delivery might take up to 30 sec. When the history log displays (*Item 13* in *Figure 17*) the ACK from the C900, the module operates according to the command that was sent.

- 10 Explain C900 Status button
- 11 Font button
- 12 Save as button
- 13 History Log field
- 14 Clear history log button



If more than one command is queued for a specific module within a single poll period, the C900 recognizes only the last queued command. All other commands are ignored by the C900.

The Poll Rate listed in the **C900 Transmission Rate** section (*Item 6* in *Figure 17*) is the poll rate the C900 uses if that command is sent to a C900TTL-E or C900V2 overriding the DIP switch poll rate setting. To maintain polling synchronization, consider the Account Database Poll Rate to track this modified C900 polling rate.

The history log screen displays all C900 control activity including sent commands, receiver ACKs to changed commands, and status inquiries. The history log screen can be used as a C900 control programming record.



If the C900 reboots or loses power, any C900 Dialer Status or C900 Transmission Rate changes sent to that C900 are lost from that C900's memory, which reverts to its default DIP switch settings. After the reboot, send the changes again to the C900 to resume operation.

Save the History Log after sending commands to any C900.

#### Save as

1.

This button saves a copy of the current history log field (*Item 13* in *Figure 17* on page 39).

	Select C900 C0022B7D	_	•	Select	1		Close
	1		_			_	
C900 Dialer Status		H	story Log				
@ Switch to intercept C	Activate output	Π	Time 🗸	NNC Number		Events	
		П	12/6/2012 7:39:56 AM	C00243FB	C900 St	atus is [48]: Inter	cept
C Switch to fallback C	Deactivate output	П	12/6/2012 7:39:25 AM	C00243FB	Sv	itch to intercept	
C SHIELT TO TRIBUCK C	Descorate output	п	12/6/2012 7:39:14 AM	C00243FB	Qu	ery C900 status	
C. Birable islands	Ph. channel	П	12/6/2012 7:36:10 AM	C00243FB	C900 St	atus is (48): Inter	cept
C Disable intercept	Change	П	12/6/2012 7:35:15 AM	C00243FB	Qu	ery C900 status	
COSS Manager Transmissio	o Dala	п	12/6/2012 7:35:08 AM	C00243FB	De	activate output	
Caoo Message Transmissio	n Hoabe	П	12/6/2012 7:35:02 AM	C00243FB	4	ctivate output	
Poll Rate: 75 - sec	onds Default	ы	12/6/2012 7:32:30 AM		C900 Lo	g file is clear by:	6200
Duery selected	C900 status		Explain C900 statu	s Fo	int	Save as	Cle
🐴 \_	e as						
Seve C900 control commands hist	VC as	am Fil	es (186) + D6200 +		• 49	Search D6200	
Seve C900 control commands hist	/e as	arm Fil	es (x86)   D6200		• 4	Search D6200	· #
Sav	/e as ory log file as () System Volume + Progra	em Fil	es (x86)    D6200	Туре	• +> Size	Search D6200	晋•
Seve C000 control commands his Seve C000 control commands his Cognice • New Tokler Cognice • New Tokler Courrent • Nam	/e as	em Fil	es (x86) + D6200 + Date modified 12/2/2023 3:06 PM	Type File folder	• +	Search D6200	第 •
Save C900 control commands hild Care C900 control commands hild C900 control control commands hild C900 control control control co	Ve as	em Fil	es (68) + D6200 + Date modified 12/3/2012 3:26 PM 12/3/2012 3:26 PM	Type File folder File folder	• ++	Search D6200	

6200 * Name	Date modified	Туре	Size	
Current	12/3/2012 3:26 PM	File folder		
EBF View	12/3/2012 3:26 PM	File folder		
Sentinel I Sentinel Driver Cleanup Utility	12/3/2012 3:26 PM	File folder		
UserBK 🔒 UserBK	6/19/2012 9:41 AM	File folder		
6202 CobodP.txt	12/3/2012 10:09 PM	Test Document	0 KB	
gital Line E D6200.bt	12/6/2012 7:46 AM	Text Document	1 KB	
D6200bak.txt	12/6/2012 7:46 AM	Text Document	1 KB	
D6200D6100.bt	12/3/2012 7:57 AM	Text Document	1 KB	
D6200D6600.bd	11/26/2012 5:42 PM	Text Document	1 KB	
Debug.txt	5/16/2002 7:25 AM	Test Document	1 KB	
MacAdr.bt	12/3/2012 10:09 PM	Text Document	0 KB	
tel				
ternet bq				
-				
name: LDGcS00.td				
tomer text file (1 tot)				

2. Type a new name for the log file.

3. <u>Save</u>	3.		<u>S</u> ave	
----------------	----	--	--------------	--

# Changing C900 Transmission Settings and Retrieving C900 Status

The printer records all commands and related C900 status changes that are also sent to the automation software. The D6200 sends Low Battery, Reboot, and Dialer Diagnostic C900 status messages first to the receiver and then to the automation software and printer.

1.	Network         SafeCom         System Management         Lang           Network         Configuration Management         Image Network Configuration from File           Network         Account Database Management         Image Network Configuration from File           Network         Network Utilitier         Image Network Configuration from Receive	er
	D6200 Communication Status Connecting Connected OK Reading Receiver account database Read successful I Database converting	X
	Account Database Configuration	x
	Search by Key field Search by combined options	
	Search by: Account Name  Go Virtual account: Go Virtual account:	
	Find value: Virtual ane: Enable: Supervision Time:	
	Search by NNC Number Search Search	
	View resynchronized accounts log	
	C900 Command Resync All Accounts Save as Send to Receiver Send Changes to Receiver Exit	
	Send Single Account to Receiver Account Delete Single Receiver Account Read Single Receiver Account	ount
	NNC Number △         Virtual Account         Virtual Line         Enable         Supervision Time         Resync         Status         Time Sync         Status         Changed Time         Name         P           60024844         60024844         0         1         255 Seconds         1         0         0	hone
	80022E05 80022E05 0 1 255 Seconds 1 0 0	
	A0023102 A002302 0 1 255 Seconds 1 0 0	-11
	80024329 80024329 0 1 255 Seconds 1 0 0	
	C002287D C002287D 0 1 255 Seconds 1 0 0 C00243FB C00243FB 0 1 255 Seconds 1 0 0	- 1
	C0024AD6 C0024AD6 0 1 255 Seconds 1 0 0	
	D002438E D002438E 0 1 255 Seconds 1 0 0 D002568F D002568F 0 1 255 Seconds 1 0 0	- 8
		Þ
	Add Copy Import Edit Delete Lis	all
	Total: 176 No key installed File name: C\Program Files (x86)\D6200\ACT_FROM_D6x00(173.84.33.89).9_3	201
2.	C900 Command	
	C900 Dialer Status	
	Switch to intercept C Activate output     Time V NNC Number Events	
	12/6/2012 7:39:56 AM C00243FB C900 Status is [48]: Intercept     12/6/2012 7:39:25 AM C00243FB Switch to Intercept	5
	12/6/2012 7:39:14 AM C00243FB Query C900 status 12/6/2012 7:39:10 AM C00243FB C000 Status is C600 Status	- 1
	C Disable intercept  C Disable intercept C Disable intercept Disab	1
	C900 Message Transmission Rate 12/6/2012 7:35:08 AM C00243F8 Deactivate output	7 11
	Poli Rate: 75 • seconds Default 126/2012 7:32:30 AM C090 Log file is clear by: 6200	1

seconds
 seconds
 Change

Auery selected C900 status Explain C900 status Font

Save as

Clear

▼ x 256 mse

Retry

,	3	•

ŕ	Select

Second Second Seconds List	-	23
NNC Number 🗠	Account	Line
60024B44	60024B44	0
80022E05	80022E05	0
A00231D2	A00231D2	0
A002589D	A002589D	0
B0024329	B0024329	0
C0022B7D	C0022B7D	0
C00243FB	C00243FB	0
C0024AD6	C0024AD6	0
D00243BE	D00243BE	0
D002566F	D002566F	0
E002494E	9999	0
•	]	•
List Online C900	Select	Close

Highlight the C900 account the account to make changes to. To only list accounts that are online (Status 1), click **List Online C900**.

4. L	衞	Select
------	---	--------

Select C900 C0022B7D	)	•	Select	Close
C900 Dialer Status	-H	istory Log		
G Switch to intercent C Activate output	П	Time 🗸	NNC Number	Events
	Þ	12/6/2012 7:39:56 AM	C00243FB	C900 Status is [48]: Intercept
C Culture to Burn C Durn to the state	Н	12/6/2012 7:39:25 AM	C00243FB	Switch to intercept
C Switch to failback C Deactivate output	н	12/6/2012 7:39:14 AM	C00243FB	Query C900 status
	Н	12/6/2012 7:36:10 AM	C00243FB	C900 Status is [48]: Intercept
C Disable intercept	н	12/6/2012 7:35:15 AM	C00243FB	Query C900 status
	н	12/6/2012 7:35:08 AM	C00243FB	Deactivate output
C900 Message Transmission Rate	Н	12/6/2012 7:35:02 AM	C00243FB	Activate output
Poll Rate: 75 - seconds Default	н	12/6/2012 7:32:30 AM		C900 Log file is clear by: 6200
Active:         1         seconds           Retry:         5         seconds         Change           Hold:         1         x x256 msec.         X256 msec.				
P Overv selected C900 status		Explain C900 statu	s Fon	t Save as Cle

The status of a C900 might have changed since the last time the Account database was read from the receiver. For an accurate C900 Account status, import the Account database from the D6600 before making any C900

changes.



C900 Status must be 1 to send a command to that C900.



🎢 🕒 C<u>h</u>ange

The D6200 sends this command to the receiver. On the next poll, the receiver retransmits the command to the C900.

The history log file records all status changes.

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7.

8.

🕞 Query selected C900 status

The last command sent to the C900 appears in the history log display upon the next poll the D6600 receives from the C900.

12/6/2012 7:3 12/6/2012 7:3	9:14 AM C0 36:10 AM C0	0243FB 0243FB	Query C900 status C900 Status is [48]: Intercept
	lain C900 status	F e	or a more detailed xplanation.
Information	10-	-	<b>X</b>
() C900	C00243FB status	[48]: Interc	ept; Input open; Output inactive;
		ОК	

#### **C900** Command Descriptions

The following sections describe these control commands. Refer to *Appendix D: Network Messages* in the *D6600/D6100IPv6 Computer Interface Manual* (P/N: 4998122703) for receiver messages output descriptions for these commands.

Table 3: C900 C	ommand Descrip	tions
Command Name		Description
Switch to Intercept	Switch to intercept	Causes the C900 to work in the Intercept mode and allows the C900 to receive the dialer signals and sends them to the D6600 through a LAN/WAN.
Switch to Fallback	Switch to fallback	Causes the C900 to work temporarily in the fallback mode, so the dialer can use the PSTN to communicate with the central stations that remotely control the dialer for PSTN remote programming. If a C900 is switched to fallback, an optional message can be created every 30 min reminding the operator that the C900 is in the fallback mode and might return to the intercept mode for LAN/WAN communications. The C900 automatically switches to Intercept after one hour of switching to fallback or turns to Intercept mode immediately upon receiving the command Switch to Intercept.
Disable Intercept	Disable intercept	Remotely removes a defective C900 from service. The dialer is connected to the PSTN until the Intercept command is enabled or the C900 reboots.
Activate Output	Activate output	Activates Output 4 on the C900 (an open collector output) when connected to annunciating devices or directly to a control panel input to signal various conditions.
Deactivate Output	Deactivate output	Deactivates Output 4 on the C900 (an open collector output) when connected to annunciating devices or directly to a control panel input to signal various conditions.
Poll Rate	Poll Rate: 75	Upon rebooting, the C900 reverts to the DIP switch settings for the poll rate. For UL Fire Listed, the poll rate should be 240 sec. C900 v1.09 or less has a 30-sec default poll rate when DIP Switch 7 is in the OFF position. C900 v1.10 or greater has a 75-sec default poll rate when DIP Switch 7 is in the OFF position.
Active (C900 Acknowledgement from Dialer)	Active: 1	Specifies the wait before the C900 receives the acknowledgment or other information from the dialer. The C900 waits for the dialer to respond to the handshake. A valid entry is 0 to 255. Entering a 0 uses the default of 1 sec.
Retry (Elapsed Wait Time)	<u>R</u> etry: 5	Specifies the wait in seconds before the C900 responds to a message, sending the command again.
Lield (Defere	Hold 4 950	failed. Valid entry is 0 to 255. Entering a 0 uses the default of 5 sec. Resend this value to the C900 after the C900 reboots.
Transmitting Message)	<u>nora:</u> 1 <u>v</u> x 256 msec.	message before it transmits another message. Valid entries are from 0 to 255. Entering 0 uses the default of 256 ms.

#### 3.9 Network Utilities

#### 3.9.1 Show Account Status

Using this command, the operator views all the accounts in the database in a summary form. Read the database from the receiver into the D6200 for updated account status.

The summary the following account information:

- IP Address
- Status
- Status Changed Time
- Anti-Sub
- Poll Rate
- Virtual Account Number
- Name





2.

show more summary details

Close

3.

I I I

Closes the window.

 $\mathbf{F}$ 

#### 3.9.2 Network Device Setup

Using this command, the user can configure other connected network devices such as the D6682/D6680, D6686/D6100IPv6, DX4020, C900V2/C900TT-E, and D9133TTL-E.

If these automated commands do not work properly, refer to *Section 5.2 Assigning IP Addresses Using Telnet* on page 58 to connect to the device manually using telnet, assign the IP address, and ping the IP address.



For the D6686 and D6100IPv6, they will use the XML Configuration tab for setup. For the details of programming a D6686 or D6100IPv6 using the XML tab, please refer to the Installation and Operation manuals for those products.

D6686 Installation Guide (P/N: F01U269888) D6600/D6100IPv6 IOG (P/N: 4998122704)

Network	SafeCom	System Management	Lan	<u>.</u>
Netwo	ork Configui ork Account	ration Management Database Management	+	
Netwo	ork Utilities		•	🛃 Show Account Status
				Network Device Setup
Network Devi	ce Setup	Contraction of the local division of the loc		×
Assign IP Add	ress   Ping Device	gn. J v MA	C Addres	List Al Conetix IP Devices   XML. Configuration is: • • • • • • • • • • • • • • • • • • •
1 Assignin This feature is Ethermet's add 1) Assign a ner 2) Change the	g IP Address: used to assign a ress). This can be w IP address existing IP address assign fields: The I	fixed IP address to a device based on used to either; IP address which you want to assign to	its MAC	Address (also referred to as the hardware or
for example: 20 MAC Address f	2.96.168.11 ield: This is the MA	C address of the device, for example: 0	0-20-4A-	14-01-18.
		o was an and the ore ore ore or		• • • • • • • • • • • • • • • • • • •

- Assign IP Address refer to page 44
- **Ping Device** refer to page 44
- **Telnet to Device** refer to page 44
- Query Device Information refer to page 45
- List All Conettix IP Devices refer to page 45

#### Assign an IP Address

igure 18: Network Device Setup – Ass Address	ign IP
Network Device Setup	
Assign IP Address Ping Device Telnet to Device Query Device Information List All Con-	ettix IP Devices
IP Address to assign: (e.g. 00-20-4A-62-0 Set IP Address Qlose	▼ )0-3C)
Assign IP Status	
I Assigning IP Address:           This feature is ubset to assign a fixed IP address to a device based on its MAC Address (also the hardware or Ethernef's address). This can be used to either.           11 Assign a new IP address.	referred to as
2) Change the existing IP address IP Address to assign fields: The IP address which you want to assign to the device must be e integer between 0-255, for example: 202.96.168.11 MAC Address field: This is the MAC address of the device, for example: 00-20-4A-14-01-18.	ntered an
	1.00

The user can:

- select or enter an IP address from a drop-down menu of IP addresses
- select or enter a MAC address from a drop-down menu of MAC addresses
- set the IP Address after it is chosen

The bottom of the window shows online help and provides additional information to guide the user.

#### **Ping Device**

In *Figure 19*, the ping utility verifies the IP address of the network device.

Network Device Setup	
Assign IP Address Ping Device   Telnet to Device   Query Dev	ice Information List All Conettix IP Device
IP Address to assign: 🗾 MAC	Address: (e.g. 00-20-4A-62-00-3C)
Set IP Address	Close
Assign IP Status	
Ping Device:	
Ping Device: his feature is used to test the destination reachability and statu chor orepty messages.	s. This invokes the ICMP echo request and
Ping Device: This feature is used to test the destination reachability and statu cho reply messages. 2 Address fields: The IP address of the device you want to Ping. 55, for example: 202.96.168.11	s. This invokes the ICMP echo request and must be entered an integer between 0-

The user can:

- enter an IP address or select from a drop-down menu of IP addresses
- enter a timeout interval in milliseconds before the IP address is pinged again
- ping the device to verify communication

The bottom of the window shows online help and provides additional information to guide the user.

#### **Telnet to Device**

In *Figure 20*, the user connects to the network device using the telnet program.

Assign IP Address	Ping Device   Telnet to Device   Query Device Information   List All Conettix IP Devices
IP Address to a	ssign:
Assign IP Statu	S
3 Telnet to devi	re'
3 Telnet to devi This feature is used i parameters in the de	<b>Ce :</b> o open a Teinet session to the device, intended primarily to configure certain vice over the network.
3 Telnet to devi This feature is used parameters in the de IP Address fields This 256 for semanda 200	Ce: o open a Telnet session to the device, intended primarily to configure certain vice over the network. If address of the device you want to connect, must be entered a integer between 0- ne res of 4

#### The user can:

- enter an IP address or select from a drop-down
  menu of IP addresses
- enter port number or select from a drop-down menu of port numbers
- initiate a telnet session to communicate with the device

The bottom of the window shows online help to guide the user and provides additional information.

For more information, refer to the following installation guides:

- C900TTL-E: C900TTL-E Installation Guide (P/N: 4998122718)
- D9133TTL-E: D9133TTL-E Installation Guide (P/N: 4998122717)
- C900V2: Conettix C900V2 Installation Guide (P/N: F01U003472)
- DX4020: Conettix DX4020 Installation Guide (P/N: F01U045288)

#### **Query Device Information**

Г

In *Figure 21*, the user requests and receives information about a network device.

	etup
Assign IP Address	Ping Device Telnet to Device Query Device Information List All Conettix IP Devices
	Enter IP Address :
	Get Device Information Close
	Device Information
	MAC Address:
	MAC Address:
	MAC Address:
4 Query Devicc This feature is used address.	MAC Address:

#### The user can:

- enter an IP address or select from a drop-down menu of IP addresses
- request information about the device at the IP address.

#### **List All Conettix IP Devices**

Γ

In *Figure 22*, the user gets a list of all online network devices in the current LAN. If detected, the MAC address and IP address of the devices appear if they are detected.

Click **Save** to save the MAC and IP information to a text file after all online network devices in the LAN appear.

Network Dev	ice Setup	
Assign IP Add	ress   Ping Device   Telnet to Device   Query Device Information   List All Conettix IP Devic	9S
	MAL Address	
5 List All C This feature is The MAC add After all online address and I	<b>Drettix IP Devices:</b> used to list all online Conettix IP devices in the current LAN. ess and the IP address of the device will be shown when one device is detected. Conettix IP devices in the LAN are listed; user can click <b>Save</b> to save the MAC <sup>2</sup> address information to a text file for possible use.	

#### 3.10 System Management



- Download Event Database Sends all the events that have occurred in the D6600/D6100IPv6 Receiver to the PC running the D6200 Software and saves it to a file.
- Date/Time Synchronization Sets the time and date on the receiver to the time and date on the PC.
- Firmware Version Connects the D6200 to the receiver and retrieves all the version numbers for the firmware running on the D6600/D6100IPv6. Refer to Section 3.10.3 Firmware Version on page 48.

#### 3.10.1 Event Database

You can receive the event database from the D6600/D6100IPv6 Receiver and save it as a file to the PC that is running the D6200 Software.



Bosch Technical Support uses the event database file to troubleshoot problems.

Use the D6200 software to download the database and save it to the host PC:

1.	System Management	Language H
	Download Event Da	atabase
	View Event Databas	e
	Date/Time Synchro	nization
	Firmware Version	
	Firmware Utilities	۰.





#### **Translate Button**

2.

Clicking the Translate button opens the **Event Database Viewer** (*Figure 24*) program (EBF Viewer).



The EBF Viewer can also be opened by clicking the View Event Database selection in the System Management menu to load previously received EBF files. By using the Translate button, the file is automatically loaded into the EBF Viewer. Here is an example of the main page from the EBF Viewer:

#### Figure 25: EBF Viewer

Printer String Automation String	
D6200 Version:02.00	
Receiver CPU Version :61.05.01.07	
Line card 1 Line 1.2 DSP Version :20.00.07	
Line card 1 Line 3.4 DSP Version :	
Line card 2 Line 5,6 DSP Version :	
Line card 2 Line 7,8 DSP Version :	
Line card 3 Line 9,10 DSP Version :	
Line card 3 Line 11,12 DSP Version :	
Line card 4 Line 13,14 DSP Version :	
Line card 4 Line 15,16 DSP Version :	
Line card 5 Line 17,18 DSP Version :	
Line card 5 Line 19,20 DSP Version :	
Line card 6 Line 21,22 DSP Version :	
Line card 6 Line 23,24 DSP Version :	
Line card 7 Line 25,26 DSP Version :	
Line card 7 Line 27,28 DSP Version :	
Line card 8 Line 29,30 DSP Version :	
Line card 8 Line 31,32 DSP Version :	
Loaded Linecard Firmware :	
12/06 12:01 NOO ACC 4025 TEST-OFF NORMAL	
Load Save as Print	Analyze
Tour	Guadra
Tent 2 Help	1 Chara
C Taur	TC Pose

In the viewer, you can view all of the events that were sent to the printer and automation. The printer events appear in the following format:

<1999

04/28 16:01 N00 ACC 0101 FIRE TBL RESTOR +++ACC 0101 AREA=1 POINT=002 +++ACC 0101 2

The automation events appear in the following format: 1999: {10]B0C02D[9]20020100[#0101|Nri1/FJ002/ A2sssssssssss][13]

These two examples show from Account # 0101 a Fire Trouble Restore in Area #1, Point #002, with Point Text from the control panel of point 2. This data can be helpful to find details of a message that might be missing, or show an error in automation. The options in the viewer are:

- Load Allows a previously saved EBF file to be loaded
- Save as Option to save the open EBF file as a text file
- **Print** Option to print the open EBF file
- **Analyze** Statistical data analysis (described in detail below)
- Font Selects the font that the EBF is viewed in
- Help User help on the operation of the EBF Viewer
- Close Close the EBF Viewer

The Analyze feature in the EBF Viewer is a powerful statistical tool. To use it, click the Analyze Button. The program analyzes all of the data and presents the statistics in the Analyze window (*Figure 26*).

Analyze						
ine Statistic	Protocol Statistic	Account Statistic	Internal Message	No Data Received Da	da Error	

In the Analyze window there are six tabs that show all of the statistics. They are:

• Line Statistics – This tab shows a summary of all the PSTN Calls that have been taken by the receiver, how many No Data Received messages (NDRs) occurred, how many Data Errors occurred, followed by a line-by-line breakdown of the data.

whate .						
Line Statistic Protocol Statistic Account Statistic	Internal Mess	Lage No Dat	Received Data Error			
All PSTN lines reports: 20000 Include: No Data Received(NDRs): 20 Include: Data Errors: 27						
(LINEO1) Summary: <l>Protocol=[0000] INTERNAL RESSAGE: <l>Protocol=[0013] MODENIIIA_IN: <l>Protocol=[0020] PULSE 31: &lt;4&gt;Protocol=[0050] FSK BTSK:</l></l></l>	Reports 1640 4 1627 5 4	NDR# 3	Data Errors D	First Cali 0215 122338	Last Call 0216 103329	
[LINEO2] Summary: (LINEO2) Sum	1696 5 3 1674 1 3 3 7	2	2	0215 122300	0216 100344	
[LINE03] Summary: <l>Frotocol=(0000] INTERIAL RESEAGE: <l>Frotocol=(0005] NL B. IN: <l>Frotocol=(0005] NCERIIE_IN: <l>Frotocol=(0002] NL III_IN: <l>Frotocol=(002) PLSE_1:</l></l></l></l></l>	1669 4 1 6 1616 6	1	2	0215 122236	0216 103351	

• **Protocol Statistics** – This tab shows the number of unique protocols that were received, and then a summary of the number of events for each protocol.

<ul> <li>Analyze</li> </ul>					615
Live Statistic Protocol Statistic	Account Statistic	Internal Message   No	Data Received Data Error		
Protocol report number Unique protocol number	20000 B				
015 Frequent+00001 025 Frequent+00001 035 Frequent+00001 045 Frequent+00011 045 Frequent+00010 045 Frequent+00001 045 Frequent+00001 045 Frequent+00001	Total Name 47 DITES 5 Star 29 ROOM 19410 ROOM 40 PTLS 41 PTLS 41 FIX_1 99 DISEC	NAL RESIDER DF 20 TT	1.000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	First Call 015 132109 0215 134029 0215 175714 0215 175714 0215 175714 0215 124701 0215 124701 0215 12450 0215 135456	Last Cell 0218 10945 0218 12435 0216 08402 0216 08402 0216 08055 0216 10036 0216 10036 0216 100327 0216 103421
-	on	Save as	Export to Excel		

• Account Statistics – This tab show the number of events that were received from network accounts and the number of unique network accounts loaded in the receiver.

	and the second			
Line Statist	ic   Protocol Statisti	c Account	Statistic Internal Message No Data Received Data	Error
Network	account report	number:	1221	
Unique n	etwork account	number:	4	
No	Lagourt	Total	FRANK	
00015	0101	313	report	
00025	6001	717		
0002>	1210004001			
0004>	1710024314	103		
		100		

• Internal Message – This tab shows a summary and details of all of the messages generated by the receiver such as Time Set, Date Set, Computer Error, and so on.

Line Stati	stic Protocol Statistic Account Statistic Internal Messag	No Data Received Data Error	
Interne TIME SE REMOTE REMOTE REMOTE COMPUTE COMPUTE DATE SE	L1 Message number: 776 Tr 979 BOGRAM IN: 50 PASE POGRAM IN: 50 SOTTAGE PROGRAM SUCCESS: 1 P EBROGRAM SUCCESS: 1 P EBROGR: 147 T. 3		0
No 00001> 00002> 00003> 00004> 00005> 00006> 00006> 00001> 00011> 00012> 00013> 00013>	Ociginal event [1303][100][0000][0483 413737][14 [1303][100][0000][0483 413737][15 [13797][100][0000][0483 413736][120 [13797][100][0000][0483 413785][120 [1377][100][0000][0483 413785][120 [1377][100][0000][0483 413785][120 [1373][100][0000][0483 414398][121 [1373][100][0000][0483 414398][121 [1373][100][0000][0483 414398][121 [1373][100][0000][0483 414391][121 [1379][1100][0000][0483 414391][121 [1379][1100][0000][0483 414391][13] [13897][1100][0000][0483 414391][13] [13897][1100][0000][0483 414391][13] [13897][1100][0000][0483 414391][13] [13897][1100][0000][0483 414391][13] [1397][1100][0000][0483 414391][130] [1398][1100][0000][0483 414390][130] [1398][1100][0000][048	Interinal message TIME SIT MERGINE PARE PROGRAM ON REGISTE PARE PROGRAM IN REGISTE PARE PROGRAM IN REGISTE PARE PROGRAM SOCCESS MERGINE PARE PROGRAM SOCCESS REGISTE PARE PROGRAM IN CONFUTER RESISTOR CONFUTER RESISTOR CONFUTER RESISTOR CONFUTER RESISTOR CONFUTER RESISTOR	

 No Data Received – This tab shows a summary and details of the NDR messages in the receiver.

Analyze			
Line Statist	tic   Protocol Statistic   Account Statistic   Internal Message   No	Data Received Data Error	
No Data	Received(NDRs): 28		0
No 00001>	Original report [19989][L06][0000][0216 103359][]52	Output report No Data Received	
00002>	[19985] [L04] [0000] [0216 103345] [] 52	No Data Received	
00003>	[19404] [L09] [0000] [0216 095203] [] 52	No Data Received	
00004>	[19387] [L08] [0000] [0216 095023] [] 52	No Data Received	
00005>	[18516] [L09] [0000] [0216 084600] [] 52	No Data Received	
00006>	[18413] [L02] [0000] [0216 083735] [] 52	No Data Received	
00007>	[15204] [L11] [0000] [0216 063331] [] 52	No Data Received	
<80000	[15180] [L11] [0000] [0216 063232] [] 52	No Data Received	
<00009>	[14841][L11][0000][0216 061749][]52	No Data Received	
00010>	[10871] [L05] [0000] [0216 033336] [] 52	No Data Received	
00011>	[10846] [L06] [0000] [0216 033109] [] 52	No Data Received	
00012>	[10703] [L04] [0000] [0216 031520] [] 52	No Data Received	

• Data Error – This tab shows a summary and details or all data errors received from incoming PSTN calls.

Data Received Data Error	ic Protocol Statistic Account Statistic Internal Message	Line Statistic
	or: 27	Data Erro
Output report	Original report	No
Data Error	[19996][L12][0000][0216 103428][]51	00001>
Data Error	[19155] [L10] [0000] [0216 092706] [] 51	00002>
Data Error	[15554] [L02] [0000] [0216 064127] [] 51	00003>
Data Error	[11834] [L09] [0000] [0216 043502] [] 51	<00004>
Data Error	[11819] [L04] [0000] [0216 043420] [] 51	00005>
Data Error	[11576] [L05] [0000] [0216 041523] [] 51	00006>
Data Error	[11530] [L04] [0000] [0216 041120] [] 51	00007>
Data Error	[11522] [L09] [0000] [0216 041019] [] 51	<80000
Data Error	[11474][L06][0000][0216 040516][]51	<00000
Data Error	[11449] [L03] [0000] [0216 040416] [] 51	00010>
Data Error	[11395] [L10] [0000] [0216 040114] [] 51	00011>
Data Error	[11369] [L03] [0000] [0216 040014] [] 51	00012>

#### 3.10.2 Date/Time Synchronizations

You can use the D6200 Programming Software package to synchronize the receiver's time with the PC's time.



#### 3.10.3 Firmware Version

Use this command to determine the receiver's firmware version.



The version numbers presented in this example are for illustration only and can differ from your receiver's version numbers.

	_	
Connecting	-	
Connected OK		
Receiver CPU Version :01.01.04.42		
Line Card 1 L1,2 DSP Version : 01.01.04		
Line Card 1 L3,4 DSP Version : 02.00.00.51		OK
Line Card 2 L5,6 DSP Version : N/A		
Line Card 2 L7,8 DSP Version : N/A		
Line Card 3 L9,10 DSP Version : N/A		
Line Card 3 L11,12 DSP Version : N/A		
Line Card 4 L13,14 DSP Version : N/A	-	
D6200 Communication Status		×
D6200 Communication Status Line Card 5 L17,18 DSP Version : N/A		×
D6200 Communication Status Line Card 5 L17,18 DSP Version : N/A Line Card 5 L19,20 DSP Version : N/A		×
D6200 Communication Status Line Card 5 L17,18 DSP Version : N/A Line Card 5 L19,20 DSP Version : N/A Line Card 6 L21,22 DSP Version : N/A		×
D6200 Communication Status Line Card 6 L17,18 DSP Version : N/A Line Card 6 L19,20 DSP Version : N/A Line Card 6 L21,22 DSP Version : N/A Line Card 6 L23,24 DSP Version : N/A		×
D5200 Communication Status Line Card 5 L17,18 DSP Version : N/A Line Card 6 L19,20 DSP Version : N/A Line Card 6 L21,22 DSP Version : N/A Line Card 6 L23,24 DSP Version : N/A Line Card 7 L25,26 DSP Version : N/A		×
D6200 Communication Status Line Card 5 L17,18 DSP Version : N/A Line Card 5 L19,20 DSP Version : N/A Line Card 6 L12,22 DSP Version : N/A Line Card 6 L23,24 DSP Version : N/A Line Card 7 L25,26 DSP Version : N/A Line Card 7 L27,28 DSP Version : N/A		×
D6200 Communication Status Line Card 5 L17,18 DSP Version : N/A Line Card 5 L19,20 DSP Version : N/A Line Card 6 L21,22 DSP Version : N/A Line Card 6 L23,24 DSP Version : N/A Line Card 7 L25,26 DSP Version : N/A Line Card 7 L27,28 DSP Version : N/A Line Card 7 L27,28 DSP Version : N/A		<u>о</u> к
D5200 Communication Status Line Card 5 L17,18 DSP Version : N/A Line Card 6 L19,20 DSP Version : N/A Line Card 6 L21,22 DSP Version : N/A Line Card 6 L23,24 DSP Version : N/A Line Card 7 L25,26 DSP Version : N/A Line Card 7 L27,28 DSP Version : N/A Line Card 8 L29,30 DSP Version : N/A Line Card 8 L21,32 DSP Version : N/A		<u>o</u> k
D6200 Communication Status Line Card 5 L17,18 DSP Version : N/A Line Card 5 L19,20 DSP Version : N/A Line Card 6 L12,22 DSP Version : N/A Line Card 6 L23,24 DSP Version : N/A Line Card 7 L25,26 DSP Version : N/A Line Card 7 L27,28 DSP Version : N/A Line Card 8 L29,30 DSP Version : N/A Line Card 8 L29,30 DSP Version : N/A Line Card 8 L31,32 DSP Version : N/A Line Card 8 L31,32 DSP Version : N/A Loaded Linecard Firmware : 01020006, 02020007, 20000110, [4 N/A],		<u>о</u> к
D6200 Communication Status Line Card 5 L17,18 DSP Version : N/A Line Card 5 L19,20 DSP Version : N/A Line Card 6 L23,24 DSP Version : N/A Line Card 7 L25,26 DSP Version : N/A Line Card 7 L25,26 DSP Version : N/A Line Card 7 L27,28 DSP Version : N/A Line Card 8 L29,30 DSP Version : N/A Line Card 8 L31,32 DSP Version : N/A		<u>о</u> к

<u>o</u>ĸ

2.

#### 3.11 Firmware Utilities

vstem Management Language Download Event Database View Event Database Date/Time Synchronization Firmware Version

- Manual Upgrade Wizard Manual Remote Execute Firmware One Button Upgrade Wizard One Button Backup One Button Restore One Button Tech Support
- Manual Upgrade Wizard Manual process of decompressing firmware upgrade files on PC then using D6200 to install the new versions. Refer to Section 4.0 Upgrading the Software on page 51.
- Manual Remote Execute Firmware –A command sent to execute the software upgrade after copying files to the receiver.
- One-Button Operations Automated commands to:
  - upgrade firmware (refer to Section 4.1 Performing a One-Button Upgrade on page 51)
  - back up configurations and databases
  - restore configurations and databases
  - prepare files to send to Bosch Technical Support for troubleshooting

#### 3.11.1 One Button Backup

With this feature (*Figure 27*), the D6200 guides the user through backing up all the files necessary to either reinstall the user configurations and databases later or document changes.



#### 3.11.2 One Button Restore

With this feature (*Figure 28*), the D6200 guides the user through restoring all the user configurations and databases back to the receiver.

#### Figure 28: One Button Restore



#### 3.11.3 One Button Tech Support

With this feature (*Figure 29*), the D6200 automatically places all the files needed by Bosch Technical Support in one .zip file that can be e-mailed to Bosch Technical Support for troubleshooting.

The only difference between this button and the One Button Backup is that the receiver's event database is included in the .zip file

When the procedure is completed, the dialog box shows the name and location of the .zip file.

# Figure 29: One Button Tech Support System Management Language Download Event Database F Download Event Database F View Event Database Date/Time Synchronization Firmware Version Manual Upgrade Wizard Firmware Utilities Manual Remote Execute Firmware One Button Upgrade Wizard One Button Backup One Button Restore One Button Tech Support

#### 3.12 Language and Help Menus

#### 3.12.1 Language Menu



English is the only available language at this time **3.12.2 Help Menu** 

Help	
Help Contents	F1
1 About	

Select **Help Contents** to view the help files for the D6200 Software. Select **About** to view the current D6200 Software revision number (refer to *Figure 30*).

Figure 30: D6200 About Window					
About					
D6200 http://www.boschsecurity.com					
Programming Software V02.00 Copyright: Bosch Security systems 1998 - 2012					
All rights reserved					
ОК					

# 4.0 Upgrading the Software



Use the latest D6200 software when upgrading the D6600/D6100IPv6 with the latest firmware.

Upgrade the receiver firmware files if they are not the latest revision(s).

After the upgrade, verify the correct version number using either the D6200 software or the receiver keypad.

When the system is first started, upgrade the firmware within the D6600/D6100IPv6 through the D6200 Software to ensure that you are using the most recent firmware revision. Future upgrades to the D6600/D6100IPv6 can be performed when they are available.

## 4.1 Performing a One-Button Upgrade

Using this feature (accessible from the D6200 menus or a shortcut icon), the D6200 automatically installs the latest firmware upgrades to the receiver.

Use the Manual Upgrade Wizard to complete the upgrade (refer to *Section 4.3* Manual Upgrade Wizard) if the One-Button upgrade procedure is not successful.



2. <u>Yes</u>

Refer to Figure 31.



Ensure that the D6600/D6100IPv6 is connected to the automation PC to perform a one-button upgrade so that all events can be acknowledged. 6.



#### Figure 31: Acknowledge all pending events before performing One Button Upgrade



Click **Skip** to not reinstall the CPU or **Continue** to reinstall the CPU.

D6200 One Button Upgrade Wizard					
Please input a folder name where the configuration files and databases are backed up into					
Receiver ComPort 1					
ΟΚ					

7.	D6200 One Button Upgrade Wizard(VI.10.22)		4.2	Line Card Firmware Setup (D6600 only)
	<ul> <li>Initialize DE200 One Button Upgande Wand</li> <li>Backup configuration files and detabases</li> <li>Backup CPU/Heavier Configuration file</li> <li>Backup CPU/Heavier Configuration file</li> <li>Backup CPU/Heavier Configuration file</li> <li>Backup CPU/Heavier Configuration file</li> <li>Upgade CPU Immare</li> <li>Waiting to CPU to rest at</li> <li>Waiting to CPU to sold UPC Immare</li> <li>Waiting to CPU to sold UPC Immare</li> </ul>	Backup CPU/Network configuration file		Starting with v2.00 of the D6200 and CPU v01.10.00, the D6640 is no longer supported. The setup information in this section is for legacy information and operation only.
	Restore configuration files and databases     O Restore LNE configuration file			
8.	Restore CD/DMIS database     Restore CD/DMIS database     Verty upgade result	Current roperation progress:		The D6600 CPU firmware can support up to four different versions of Line Card firmware. Two digital signal processor
			(DSP) chips control the four lines of each line card [one chip controls each pair of lines (1 and 2 or 3 and 4)]. The D6600 Receiver CPU card can hold up to four versions of line card firmware, but only two versions are available per line card. Select the version you want to run from the Line Card Firmware Setup screen and click the Accept & Program button to cause the line card to run that version of the firmware.	
			Use th Progra than or CPU c be onli to Sect 1.	e Line Card Firmware Setup in the D6200 mming Software when the receiver has more he line-card firmware version loaded into the ard. The D6200 Programming Software must ne with the receiver to use this feature. Refer tion 3.3 Connection Settings on page 10.

X

#### Conettix D6200 | Operation and Installation Guide | 4.0 Upgrading the Software

	Current	Change to
Line Card 1 Line 1,2:	01.02.00.06	01.02.00.06
Line Card 1 Line 3,4:	02.02.00.07	02.02.00.07 💌
Line Card 2 Line 5,6:	Not Installed	Not Installed 🔽
Line Card 2 Line 7,8:	Not Installed	Not Installed 🔽
Line Card 3 Line 9,10:	Not Installed	Not Installed 🔽
Line Card 3 Line 11,12:	Not Installed	Not Installed 🔽
Line Card 4 Line 13,14:	Not Installed	Not Installed 🔽
Line Card 4 Line 15,16:	Not Installed	Not Installed 🔽
Line Card 5 Line 17,18:	Not Installed	Not Installed 🔽
Line Card 5 Line 19,20:	Not Installed	Not Installed 🔽
Line Card 6 Line 21,22:	Not Installed	Not Installed 🔽
Line Card 6 Line 23,24:	Not Installed	Not Installed 🔽
Line Card 7 Line 25,26:	Not Installed	Not Installed 🔽
Line Card 7 Line 27,28:	Not Installed	Not Installed 🔽
Line Card 8 Line 29,30:	Not Installed	Not Installed 🔽
Line Card 8 Line 31,32:	Not Installed	Not Installed 🔽
Accept & Program		<u>C</u> ancel

2.



Each line card (controlling two phone lines) can have up to two different firmware versions available for use. The D6600 CPU card can store up to four different versions.

For example, to change the version number of Line Card 1 Line 3,4 from 01.01.04.41 to 02.00.00.44, click the drop down menu and select "02.00.00.44."





#### 4.3 Manual Upgrade Wizard

Bosch Security Systems, Inc. recommends using the One-Button Upgrade. Sections Error! Reference source not found. to 4.9 are for manual upgrades. Refer to Section 4.1 Performing a One-Button Upgrade on page 51 for information about performing a One-Button Upgrade.



All account database configurations are lost when the D6600/D6100IPv6 is rebooted. Save all database configurations that include a network account database ("ACTXX.DB") and a Caller ID database ("XX.DB") or DNIS database ("XX.DB") files with the D6200. Reload these databases into the D6600/D6100IPv6 after the receiver reboots.



Use the latest D6200 software when upgrading the D6600/D6100IPv6 with the latest firmware.

- 1. Open the software from the CD-ROM.
- 2. Read the parameter files from the D6600/D6100IPv6.
- 3. Save the parameter files as XXXX.CPU and XXXX.LNC.
- 4. Install the new firmware versions.
- 5. Reload them into the D6600/D6100IPv6.
- 6. For ITI format support in the D6640, load the PSTN firmware (version 02.xx.xx) into the receiver.
- 7. Upgrade the newer released versions of CPU and Line Card firmware to the Receiver. An older version of one firmware does not work with a new release of the other.
- 8. If you are installing or upgrading the D6641, the PSTN firmware must be v20.xx.xx.

#### 4.4 Backing Up the D6600/D6100IPv6 Configuration and Database Files

Receive the different configuration and Database files from the D6600/D6100IPv6 and save them as separate files on the host PC.

#### 4.4.1 CPU/Network Configuration

1. Select TeleCom → CPU Configuration Management → Read/Manage CPU Configuration from Receiver.

A D6200 Communication Status window appears, the D6200 connects to the D6600/D6100IPv6, and the receiver sends the CPU/Network configuration file back to the D6200. After the transfer, the window closes automatically and the CPU/Network Configuration window opens automatically.

- 2. Click the **Save as** button to open a Save dialog box in the C:\Program Files\D6200 folder on the host PC.
- 3. Type a new name for the configuration file and end the file name with a .CPU extension.
- 4. Click **Save**.

#### 4.4.2 Line Configuration

#### 1. Select TeleCom → Line Configuration Management → Read/Manage Line Configuration from Receiver.

A D6200 Communication Status window appears, the D6200 connects to the D6600/D6100IPv6, and the receiver sends the line configuration file back to the D6200. After the transfer, the window closes automatically and the Line Card Configuration window opens automatically.

- Click the Save as button to open a Save dialog box in the C:\Program Files\D6200 folder on the host PC.
- 3. Type a new name for the configuration file and end the file name with a .LNC extension.
- 4. Click Save.
- 4.4.3 Caller ID Database (D6600 Only)
- Select TeleCom → Caller ID Database Management → Read/Manage Caller ID Database Configuration from Receiver.

A D6200 Communication Status window appears, the D6200 connects to the D6600, and the receiver sends the Caller ID database to the D6200. After the transfer, the window closes automatically and the Caller ID Database Management window opens automatically.

- Click the Save as button to open a Save dialog box to the C:\Program Files\D6200 folder on the host PC.
- 3. Type a new name for the configuration file, beginning the file name with CID and ending with a .DB extension.
- 4. Click Save.
- 4.4.4 DNIS Database (D6600 Only)
- 1. Select TeleCom → Caller ID/DNIS Database.
- At the Caller ID/DNIS database selection window, select Enable DNIS and disable Caller ID function and click OK to close.
- 3. Select TeleCom → DNIS Database Management → Read/Manage DNIS Database Configuration from Receiver.

A D6200 Communication Status window appears, the D6200 connects to the D6600, and the receiver sends the DNIS database to the D6200. After the transfer, the window closes automatically and the DNIS Database Management window opens automatically.

- 4. Click the **Save as** button to open a save dialog box to the C:\Program Files\D6200 folder on the Host PC.
- 5. Type a new name for the configuration file, beginning the file name with DNIS and ending with a .DB extension.

- 6. Click Save.
- 4.4.5 Network Account Database
- Select Network → Network Account Database Management → Read/Manage Network Account Database Configuration from Receiver.

A D6200 Communication Status window appears, the D6200 connects to the D6600/D6100IPv6, and the receiver sends the network account database to the D6200. After the transfer, the window closes automatically and the Network Account Database Configuration window opens automatically.

- Click the Save as button to open a save dialog box to the C:\Program Files\D6200 folder on the Host PC.
- 3. Type a new name for the configuration file, beginning the file name with ACT and ending with a .DB extension.
- 4. Click **Save** to save the file.

#### 4.5 Manually Upgrading the CPU Firmware

Use the One Button Upgrade Wizard to automatically install the latest firmware upgrades to the receiver (refer to Section 4.1 Performing a One-Button Upgrade).

In the event that you are installing custom firmware and the One Button Upgrade Wizard cannot be used, choose the Manual Upgrade Wizard.

 Double-click the Bosch Security Systems icon located in the D6200 Programmer\Firmware CPU-D6610 or CPU-D6110 folder on the CD-ROM.

The file installs to the necessary location.

- Open the D6200 Programming Software and select System Management → Firmware Utilities → Manual Upgrade Wizard to display active and inactive options. Options are displayed depending on which upgrade, (CPU, Line Card, or System Files) was unzipped.
- Select the CPU option for loading to the D6600/D6100IPv6 and click Next. The D6200 guides you through the rest of the installation process. The receiver completely loads the CPU code.
- 4. Select System Management → Remote Execute Firmware.



Clear the Event Buffer in the D6600/D6100IPv6 so that the Remote Execute Firmware command can execute. If necessary, press the [ACKNOWLEDGE] button on the front of the receiver to clear the events from the buffer.

## 4.6 Reloading the Configuration File

#### 4.6.1 CPU Configuration File

- 1. After the CPU firmware upgrade, the receiver resumes its idle running state (time and date displayed on the LCD or the pending events in the buffer). Reload the CPU configuration file that was saved.
- Select TeleCom → CPU Configuration Management → Open/Manage CPU Configuration.

The Open Receiver CPU/Network Configuration file dialog box appears and points to the C:\Program Files\D6200 folder on the Host PC.

- Select the file name of the recently saved CPU/Network configuration file and click **Open**. The CPU configuration window opens.
- Click the Send to Receiver button to send the file to the receiver.
   A D6200 communication status window appears, connects to the receiver, and the D6200 sends the saved CPU/Network configuration file to the receiver.
- 5. When the transfer is complete, click **OK** to close the window.
- 6. To verify that the CPU firmware upgrade occurred, use the D6200 Programming Software to select System Management Firmware Version. CPU vxx.xx.xx appears.
- 4.6.2 Line Configuration File
- Select TeleCom → Line Configuration Management → Open/Manage Line Configuration.

The Open Receiver Line Configuration file dialog box appears and points to the C:\Program Files\D6200 folder on the host PC.

- Select the file name of the recently saved line configuration file and click **Open**. The Line configuration window opens.
- Click the Send to Receiver button to send the file to the receiver.
   A D6200 communication status window appears, connects to the receiver, and the D6200 sends the saved Line configuration file to the receiver.
- 4. When the transfer is complete, click **OK** to close the window.

# 4.6.3 Caller ID Database Configuration File (D6600 Only)

 Select TeleCom → Caller ID Database Management → Open/Manage Caller ID Database Configuration.

The Open Receiver Caller ID Database Configuration file dialog box appears and points to the C:\Program Files\D6200 folder on the host PC.

- Select the file name of the recently saved Caller ID Database configuration file and click **Open**. The Caller ID Database configuration window opens.
- Click the Send to Receiver button to send the file to the receiver.
   A D6200 communication status window appears, expected to the receiver, and the sevend Caller ID.

connects to the receiver, and the saved Caller ID Database configuration file is sent to the receiver.

- 4. When the transfer is complete, click **OK** to close the window.
- 4.6.4 DNIS Database Configuration File (D6600 Only)
- Select TeleCom → DNIS Database Management → Open/Manage DNIS Database Configuration.

At the Open Receiver DNIS Database Configuration file dialog box appears and points to the C:\Program Files\D6200 folder on the Host PC.

- Select the file name of the recently saved DNIS Database configuration file and click **Open**. The DNIS Database configuration window opens.
- Click the Send to Receiver button to send the file to the receiver.
   A D6200 communication status window appears,

connects to the receiver, and the D6200 sends the saved DNIS Database configuration file to the receiver.

- 4. When the transfer is complete, click **OK** to close the window.
- 4.6.5 Network Account Database Configuration File
- 1. Select Network → Network Account Database Management → Open/Manage Network Account Database Configuration.

The Open Receiver Network Account Database Configuration file dialog box appears and points to the C:\Program Files\D6200 folder on the host PC.

 Select the file name of the recently saved Network Account Database configuration file and click **Open**.

The Network Account Database configuration window opens.

- Click the Send to Receiver button to send the file to the receiver.
   A D6200 communication status window appears, connects to the receiver, and the D6200 sends the saved Network Account Database configuration file to the receiver.
- 4. When the transfer is complete, click **OK** to close the window.

#### 4.7 Upgrading the D6640 Line Card Firmware (v01.xx.xx)

Starting with v2.00 of the D6200 and CPU v01.10.00, the D6640 is no longer supported. The setup information in this section is for legacy information and operation only.

- 1. After the CPU firmware successfully loads, load the Line Card Firmware.
- To upgrade the D6640 Line Card Firmware, double click the Bosch Security Systems icon located in the D6200 Programmer\Firmware\ PSTN-D6640\_v01 folder on the CD-ROM. The file installs in the necessary location.
- Open the D6200 Programming Software and select System Management → Firmware Upgrade Wizard to display active and inactive options. Options appear, depending on which file (CPU, Line Card, or System Files) was unzipped.
- Check the Line Card option to be loaded to the D6600 and click Next. The D6200 guides you through the rest of the installation process (approximately two min to load the receiver with the new Line Card Firmware).
- 5. After the Line Card upgrade, verify that the Line Card Firmware upgrade occurred.
- Using the D6200 Programming Software, select System Management Firmware Version. PSTN v01.xx.xx appears.



After the firmware loads and updates to the installed release, the line cards reset.

## 4.8 Upgrading the D6640 Line Card Firmware (v02.xx.xx)



Starting with v2.00 of the D6200 and CPU v01.10.00, the D6640 is no longer supported. The setup information in this section is for legacy information and operation only.

1. Load the D6640 PSTN firmware (v02.xx.xx) into the receiver to support the ITI format.

 To upgrade the line card firmware, double click the Bosch Security Systems icon located in the D6200 Programmer\Firmware\PSTN-D6640\_v02 folder on the CD-ROM The file installs in the pagessary location

The file installs in the necessary location.

- Open the D6200 Programming Software, and select System Management → Firmware Upgrade Wizard to display active and inactive options. Options are displayed, depending on which upgrade (CPU, Line Card, or System Files) is unzipped.
- Check the Line Card option to load to the D6600 and click Next. The D6200 guides you through the rest of the installation process (approximately two min to load the receiver with the new line card firmware).
- After the line card upgrade, verify that the line card firmware upgrade took effect. Use the D6200 Programming Software to select System Management Firmware Version. PSTN v02.xx.xx appears.

After the firmware loads and updates to the installed release, the line cards reset.

#### 4.9 Upgrading the D6x41 Line Card Firmware

- 1. Load the D6x41 PSTN firmware into the receiver.
- 2. To upgrade the line card firmware, double click the Bosch Security Systems icon located in the D6200 Programmer\Firmware\PSTN-D6x41\_ folder on the D6600/D6100IPv6 CD-ROM The file installs in the necessary location.
- Open the D6200 Programming Software and select System Management → Firmware Upgrade Wizard to display active and inactive options. Options are displayed, depending on which upgrade (CPU, Line Card, or System Files) is unzipped.
- 4. Check the Line Card option to load to the D6600 and click **Next**.
- 5. The D6200 guides you through the rest of the installation process (approximately two min to load the receiver with the new line card firmware).
- After the line card upgrade, verify that the line card firmware upgrade took effect. Use the D6200 Programming Software, to select System Management Firmware Version. PSTN v20.xx.xx appears.



After the firmware loads and updates to the installed release, the line cards reset.

#### 4.10 Upgrading the D6600 System Files

- 1. If the CPU firmware was upgraded from v01.01.01 or earlier, install the System Files to the D6600.
- To upgrade the System Files firmware, double-click the Bosch Security Systems icon located in the D6200 Programmer\Firmware\System Files folder on the CD-ROM. The file unzips and installs in the necessary location.
- Open the D6200 Programming Software, and select System Management → Firmware Upgrade Wizard to display active and inactive options. Options are displayed, depending on which upgrade (CPU, Line Card, or System Files) was unzipped.
- 4. Check the System File option to be 1oaded to the D6600 and click **Next** (approximately ten sec to load the receiver with the new System Files firmware).

The D6200 guides you through the rest of the installation process.



Turn the D6600 off and then on for the system files to take effect. The receiver is fully operational after it is on for approximately three min.

The firmware upgrade is now complete.

# Troubleshooting 5.0 5.1 Uninstalling the D6200 Software 1. Administration TeleCom Netwo Connection Settings User Management Change Password Tool Bar Display On/Off Status Bar Display On/Off **Environment Option** 🕺 Log Off Exit X Confirm Do you wish to exit the D6200? No Yes 2. Yes 3. RPS RPS 5.14 4. Uninstall a program Programs and Features Are you sure you want to uninstall D6200 Programming Software? In the future, do not show me this dialog box Yes No 5.

Yes

#### 5.2 Assigning IP Addresses Using Telnet

For the D6686 and D6100IPv6, they will use the XML Configuration tab for setup. For the details of programming a D6686 or D6100IPv6 using the XML tab, please refer to the Installation and Operation manuals for those products. D6686 Installation Guide (P/N: F01U269888) D6600/D6100IPv6 IOG (P/N: 4998122704)



The IP and MAC addresses shown here are for demonstration only.

# 5.2.1 Initial Assignment of the IP Address Using ARP

Read this entire section before beginning. Ensure that power is applied to the network device (C900TTL-E, D9133TTL-E, C900V2, DX4020, D6680, D6682 or D6100i) and the Ethernet Network RJ45 connections are in place.



To connect to the network device (C900TTL-E, D9133TTL-E, C900V2, DX4020, D6680, D6682 or D6100i) using telnet, ensure that the network device and the PC that is configuring it are on the same gateway (the device that connects the LAN to the WAN).

After the network device is configured and has an IP address, you can make changes by opening a telnet session from anywhere on the network.

Use the ARP program to assign a new IP address for the network device (C900TTL-E, D9133TTL-E, C900V2, DX4020, D6680, D6682 or D6100i) when you have the IP address and the network administrator confirms that the device is ready. The Address Resolution Protocol (ARP) program creates a temporary association between an IP address and a hardware address, such as a MAC. By

default, the ARP program is installed into the C:\WINDOWS directory during the operating system's installation.

Use the command as shown in *Figure 32* at the MS-DOS prompt.

Physical Address 00-20-4a-12-04-0e 00-00-a2-fd-b5-90 00-a0-c9-c5-51-5b

Type static dynamic

dynamic



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IT.XLS

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Browse...

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Cancel

OK

2



- To complete the procedure, refer to the appropriate installation guide:
  - C900TTL-E Installation Guide • (P/N: 4998122718)
  - D9133TTL-E Installation Guide (P/N: 4998122717)
  - C900V2 Installation Guide (P/N: . F01U003472)
  - DX4020 Installation Guide (P/N: F01U045288)
  - D6680 Network Adapter Installation Guide (P/N: 4998138732)
  - Conettix D6682 Ethernet Network Adapter Installation Guide (P/N: F01U078049)

#### 5.3 Using the Ping Utility

The PING.EXE utility determines whether a specific IP address is accessible by sending a packet of data to the specified address and waiting for a reply. Troubleshooting network connections and verifying network connections for the network devices are the primary uses for the ping utility.





Record the IP address. You must know the IP address of the device you are attempting to verify.



Your choice ?

This example uses the IP address of 10.25.124.148. Your IP address is different.



If your machine is not configured properly, it might appear to do nothing. This also indicates that the PING command failed. You can usually terminate the PING command with the **[Ctrl]** + **[C]** key combination (press and hold the **[Ctrl]** and press **[C]** once).

If successful,

Command Prompt
C:\>ping 10.25.124.148
Pinging 10.25.124.148 with 32 bytes of data:
Reply from 10.25.124.148: bytes=32 time<10ms TTL=128
Ping statistics for 10.25.124.148:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli=seconds:
Minimum = 0ms, Maximum = 0ms, Average = 0ms
C:\>

If unsuccessful,

Command Prompt

```
C:\>ping 10.25.124.148

Pinging 10.25.124.148 with 32 bytes of data:

Request timed out.

Request timed out.

Request timed out.

Ping statistics for 10.25.124.148:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),

Approximate round trip times in milli-seconds:

Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>
```

# 6.0 Specifications

#### Table 4: D6200 Specifications

System PC	Multimedia	CD-ROM	20x to 48x			
Requirements		Hard Disk	500 MB of available space			
	Communication Requirements	Network Card	Windows supported (required only if communicating D6600)			
		Ports	One serial port Additional serial, parallel, or USB ports might be required based on configuration.			
	Operating System	Microsoft Windows XP, Vista, Windows 7, or Windows 8				
	Processor	CPU: 1 GHz or higher				
	RAM	Windows XP: at least 512 MB				
		Windows Vista: at least 1024 MB				
		Windows 7: at least 1024 MB				
		Windows 8: at least 1024 MB				
D6200 Software Specification	Compatible Receivers	D6600, D6100i, D6100IPV6				
	Automation Modes	6500, SIA				

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