

**INTUITY AUDIX LX**[Home](#)[Getting Started](#)[Administration](#)[Maintenance](#)[Reference](#)[Home](#) > [Getting Started](#) > [Installation](#) > Installation Printable Guide for the INTUITY AUDIX LX**Installation Printable Guide for the INTUITY AUDIX LX**

This printable guide contains copies of the following topics:

Topic	Page Number
Installation Prerequisites	3
Connecting Peripheral Devices (monitor, keyboard, modem)	9
Connecting the Analog-line Interface Cards (voice cards)	11
Restoring Power to an INTUITY System	12
Checking the Voice System, Modem, and Network Addressing	13
Install Additional Language Software (if needed)	17
Install Switch Integration Software	19
Administering Switch Integration	22
Initial System Administration	24
System Acceptance Test	41

Installation Prerequisites

This topic covers the following items:

- [Intended audience](#)
- [Safety and security alert labels](#)
- [General precautions](#)
- [FCC statement](#)
- [DOC interference information](#)
- Site preparation
 - [Environmental considerations](#)
 - [Installation area considerations](#)
 - [Weight and space considerations](#)
 - [Power requirements](#)
- [Shipment Contents](#)
- [Saving Packing Materials](#)

Intended audience

This book is intended primarily for the on-site technical personnel who are responsible for installing the system and performing initial administration and acceptance testing. However, the General precautions are intended for both installers and system administrators.

Safety and security alert labels

This book uses the following symbols to call your attention to potential problems that could cause personal injury, damage to equipment, loss of data, service interruptions or breaches of toll fraud security.

CAUTION: indicates the presence of a hazard that if not avoided can or will cause minor personal injury or property damage, including loss of data.

WARNING: indicates the presence of a hazard that if not avoided can cause death or severe personal injury.

DANGER: indicates the presence of a hazard that if not avoided will cause death or severe personal injury.

General precautions

NOTE: The following applies for INTUITY LX1000 installations in Sweden, Finland and Norway only.

The INTUITY LX1000 relies on a ground connection through the main plug with an earth contact. Because of unreliable earthing concerns in Sweden, Finland and Norway, the INTUITY LX1000 must be installed by Service Personnel in a restricted access location. A restricted access location is defined as access that can be gained by only Service Personnel or Customers who have been instructed about the reasons for the restricted access and any safety precautions that must be taken. In these cases, access to the INTUITY LX1000 is gained by the use of a tool (such as a lock and key) or other means of security.



CAUTION:

Lithium battery(ies) included with this system. Do not puncture, mutilate, or dispose of battery(ies) in fire. Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by manufacturer. Dispose of used batteries in accordance with the manufacturer's instructions and your local regulations.

ATTENTION: Il y a danger d'explosion s'il y a remplacement incorrect de la batterie. Remplacer uniquement avec une batterie du même type ou d'un type équivalent recommandé par le constructeur. Mettre au rebut les batteries usagées conformément aux instructions du fabricant.

FCC statement

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide a reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio-frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his/her own expense.

DOC interference information

This digital apparatus does not exceed the Class A limits for radio noise emissions set out in the radio interference regulations of the Canadian Department of Communications.

Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de la Class A prescrites dans le règlement sur le brouillage radioélectrique édicté par le ministère des Communications du Canada.

Site preparation

This section describes physical requirements for the installation site, which include:

- [Environmental considerations](#)
- [Installation area considerations](#)
- [Weight and space considerations](#)
- [Power requirements](#)

Environmental considerations

Place the INTUITY LX1000 in an area where the environmental conditions shown in the following table are maintained.

Operating State	Temperature	Humidity
Operating	+10 to +35°C (+50 to +95°F)	20 to 80%, noncondensing
Non-operating (in storage or being shipped)	-20 to +60°C (-4 to +140°F)	20 to 80%, noncondensing

Installation area considerations



CAUTION:

Observe the following when determining where to place the INTUITY LX1000:

- Use only the power cord assembly provided to connect the INTUITY LX1000 to an AC mains outlet.
- Install the INTUITY LX1000 within 6 feet (2m) of a grounded AC mains outlet.
- Do not use extension cords with the INTUITY LX1000.
- Ensure that the AC main outlet to be used to power the INTUITY LX1000 (via the power cord) is a grounded outlet. If you are unsure of the ground integrity of the outlet, have a trained and certified electrician check the outlet.
- Consideration must be given to the connection of the INTUITY LX1000 to a branch circuit with respect to overload or overcurrent protection. Check the INTUITY LX1000 ratings to ensure that, together with other equipment connected to the same branch circuit, that an overcurrent or overload condition does not exist.
- Maintain an air-distribution system that provides adequately cooled, filtered and humidity-controlled air.
- Do not install the INTUITY LX1000 such that the ventilation or fan openings will be blocked

NOTE: The following applies for INTUITY LX1000 installations in Sweden, Finland, and Norway only.

The INTUITY LX1000 relies on a ground connection through the main plug with an earth contact. Because of unreliable earthing concerns in Sweden, Finland and Norway, the INTUITY LX1000 must be installed by Service Personnel in a restricted access location. A restricted access location is defined as access that can be gained by only Service Personnel or Customers who have been instructed about the reasons for the restricted access and any safety precautions that must be taken. In these cases, access to the INTUITY LX1000 is gained by the use of a tool (such as a lock and key) or other means of security.

Weight and space considerations

The following table lists the approximate weight, size, and depth of each system.

Table: System Weight and Space Considerations

Weight	Height	Width	Depth
29 lb (13 kg)	19 in. (49 cm)	9 in. (23 cm) with stabilizing feet	18 in. (46 cm)

Add 3 inches (7.6 cm) to accommodate a rear chassis cable support bracket. If required, add 4 inches (10.2 cm) to accommodate 356B adapter and mounting clip.

The following table lists the approximate weight, size, height, and depth for the monitor, keyboard, and printer.

Table: Peripheral Weight and Space Considerations

Peripheral	Weight	Height	Width	Depth
Monitor	27 lb (12.2 kg)	14 in. (35 cm)	14 in. (36 cm)	15.4 in. (39 cm)
Keyboard	5 lb (2.3 kg)	2.5 in. (6.4 cm)	19 in. (48 cm)	8 in. (20.5 cm)

A monitor is not necessarily ordered and shipped for each system. The weight and space considerations listed are for those shipments that include a Sampo 15-inch monitor.

Power Requirements

The following table lists the power requirements for the system.

Attribute	Requirement
Volts AC (VAC)	100–220
Hertz (Hz)	60
Phase	Single
Amps (US)	5A (maximum)
AMPS (International)	—
Input cords	NEMA 5–15P plug; 6 ft (2 m) long
Unit input receptacles	IEC320 inlet
Maximum Power Output	200 W
Heat Dissipation	682 BTU

In addition to the above power requirements, you must also:

- Locate each unit within 6 feet (2 meters) of its power receptacle.
- Keep the communication cables separate from the power cables.
- Install communication and power cables in accordance with National Electrical Codes (NEC).

**CAUTION:**

Use only shielded cables and equipment in conjunction with the system to maintain safe levels of electromagnetic compatibility.

Shipment Contents

The customer should have received boxes containing the computer, keyboard, and monitor (if ordered).

Be sure that you have the following items packed in the box or boxes:

- The Intuity LX chassis. Turn out the stabilizing feet on the bottom of the computer case.
- One 6-foot to 8-foot (2-meter to 3-meter) power cord (depending on country in which you are doing the installation)
- The Intuity LX keyboard with on-board mouse and split connector cord
- One 4-pin RJ11 cable for each voice port purchased
- One LAN cable
- One monitor and power cord, if ordered
- One Maintenance Modem, and required cables

Saving Packing Materials

Save the shipping carton and all packing materials to use in case you have to return the system to the manufacturer. If you ordered multiple systems, saving one carton and one set of packing materials should be sufficient. Packing materials include:

- Antistatic bags
- Cardboard and foam inlays

Note: The packing materials also may include a plastic bag designed to protect the system from moisture during shipment. Discard this bag. It is not reusable.

Also save the shipping cartons for the keyboard and monitor.

Connecting Peripheral Devices (monitor, keyboard, modem)

This section describes how to make the connections between the system and the following peripheral devices:

- [Monitor](#)
- [Keyboard and mouse](#)
- [Modem](#)

Connecting the Monitor

A monitor is available for purchase for use with the INTUITY AUDIX LX system or the customer can supply a monitor.

Two cables connect the monitor to the system:

- Video cable connector: The video cable connector has a video input connector at one end. The other end of the cable is permanently attached to the monitor.
- Power cable: The power cable for the monitor connects to a standard AC outlet.

To connect the monitor cables:

1. Plug the video cable connector from the monitor directly into the video connector located on the back of the chassis.
2. Tighten the thumbscrews on the video cable connector with your fingers or with a small flatblade screwdriver.
3. Plug the female end of the power cable into the monitor.
4. Plug the male end of the power cable into a grounded AC outlet.
5. Log in as `craft` or `sa`, and verify that it displays system information well enough to do initial administration.

If the Sampo Alphascan 511 monitor isn't purchased with the system, any 15" or greater monitor can be connected and will function properly, though some additional configuration steps may be necessary. If the display is poor, perform the following process after powering up:

1. Log off of the console. If the display is so poor that you cannot see the mouse pointer well enough to exit or log off, you can exit by pressing `CTRL+ALT+BACKSPACE` simultaneously.
2. Log in at the console as **monitor** with the password of **monitor**.
3. On the text-based display, attempt to find the brand name of the monitor to be used. Use the down arrow or PageDown keys to scroll through the list of many available monitors, or try typing the first letter of the brand name.
4. Use the TAB key to move between the menu and the buttons, if necessary.
5. Highlight the name of the monitor that most closely matches the customer's monitor, then press ENTER.
The monitor screen flashes during testing and adjusting, then the cursor returns to the login prompt.
6. Log in to the system with `craft` or `sa`, as appropriate, and see if the display has improved.
7. If the display is still poor, relogin as **monitor** and select the Generic monitor

setting, which is the first one on the list.

8. If there is still no improvement, the customer must supply a different monitor.

Connecting the Keyboard and Mouse

A 6-pin female DIN receptacle is located in the back of the system. The receptacle is purple. The male plug is provided with the keyboard. Both of the connector assemblies are keyed to provide proper alignment.

The mouse provided with the INTUITY AUDIX LX system is onboard the keyboard. The connector for the provided mouse splits off from the keyboard cable. A female DIN receptacle is located in the back of the system, next to the keyboard receptacle. The mouse receptacle is green.

If the customer chooses, the customer can provide a standard mouse and plug the mouse cable into the mouse receptacle.

Connecting the Modem

A serial modem is provided with INTUITY AUDIX LX for remote maintenance. Complete the following procedure to connect the serial modem to the INTUITY AUDIX LX system. After you connect the modem, you must install the modem in the INTUITY AUDIX LX web-based interface.

Note: A USB modem is also available for purchase with the system. If you are using a USB modem or a customer-supplied serial modem, follow the manufacturer's instructions to connect the modem to the system. Then use the Install Modem/Software page to install the INTUITY AUDIX LX modem software.

To connect the supplied serial modem:

1. Verify that dip switches 3, 5, and 8 are in the down position (this should be the default).
2. Connect the 25-pin end of the provided 25-pin to 9-pin cable to the modem. A 25-pin extension cable is also provided for use if needed.
3. Connect the 9-pin end of the 25-pin to 9-pin cable to COM2 on the back of the INTUITY AUDIX LX system.
4. Plug one end of an analog phone cord into the TELCO jack on the modem.
5. Plug the other end of the analog phone cord into an analog telephone jack.
6. Plug the modem's power supply into the modem's power jack and into an electrical outlet.
7. Turn on the modem's power and then verify that the CS light on the front panel of the modem is lit.

Once the modem is connected, you must install it in the INTUITY AUDIX LX system software. [Activate the Modem](#) instructs you to do that after you log in to the system for the first time.

Connecting the Analog-line Interface Cards (voice cards)

This topic provides the basic information you need to connect the analog-line interface cards installed in the INTUITY AUDIX LX system to the switch.

The INTUITY AUDIX LX system supports a maximum of three analog-line interface cards. Each card has four [RJ-11 jacks](#) on its bracket (see [Back View of Platform](#) for reference). Each RJ-11 jack supports one voice channel.



WARNING:

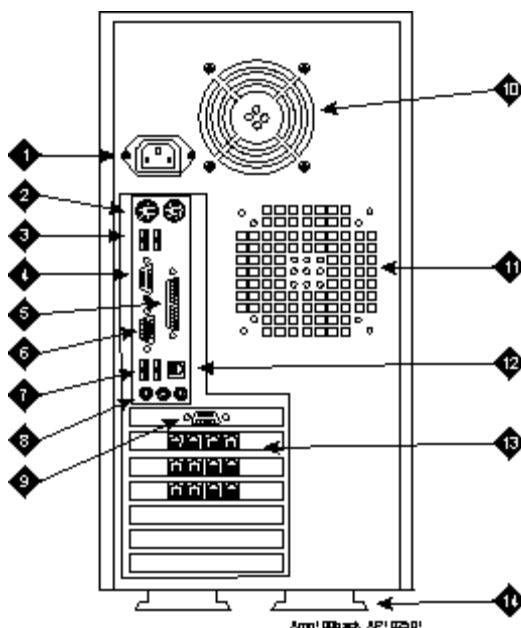
Damage from electrostatic discharge is possible. See [Protecting Against ESD Damage](#) for more information.

To connect the analog-line interface cards to the switch:

1. Plug a phone cable into each RJ-11 jack on the first card.
2. Plug the other end of each phone cable into the switch.
3. Repeat steps 1 and 2 for each installed card.

BackView of Platform

- 1 AC power receptacle
- 2 Keyboard/mouse connector
- 3 USB ports
- 4 Monitor connector
- 5 Parallel port
- 6 Serial port
- 7 USB ports
- 8 Speaker and microphone
- 9 COM2
- 10 Fan
- 11 Fan exhaust
- 12 LAN connector
- 13 RJ-11 jacks
- 14 Stabilizing feet



Restoring Power to an INTUITY System

To restore power:

1. If necessary, attach the power cord and the monitor cord to the system.
2. Plug the power cord into the PC's power outlet (see [Back View of Platform](#)).
3. Turn on the monitor's power switch.
The power lamp on the monitor should be lit.
4. Press the power button on the front of the PC.
The green lamp on the front of the PC should be lit.

Checking the Voice System, Modem, and Network Addressing

This section assumes that the system just arrived from the factory and you have cabled the components together, or that you have successfully installed or updated the system software.

Accessing the system

Once the software is installed, you can access the system administration in either of two ways:

- From the console with the Netscape browser
- From any computer that has LAN access and a browser

Log in to the system from the console

1. At the console, log in as craft (or sa if you are the system administrator) with the default password.
2. As soon as you log in, the system displays the Netscape browser with the Administration Main Menu.

If you have logged in as TSC, rather than craft or sa, type **webadmin** to display the web-based administration pages. If you choose to administer the system from the command line, the system populates the web-based administration pages for you.

Access the web-based administration pages

1. From a separate system, use your favorite browser and enter the address: `http://hostname.dr.avaya.com` where hostname is the name of the machine.
2. Use the craft login (or sa if you are the system administrator) with the default password.
3. The first time you log in at the console, the system displays a Netscape license agreement. Click Accept to continue.
4. If you do not see the Avaya login page that asks for Login and Password, then make sure you have properly typed in the machine name.

Warning : *Access to this system is restricted to authorized users for business purposes. Unauthorized access is a violation of the law. This service may be monitored for administrative security reasons. By proceeding, you consent to this monitoring.*

Please login

Login:

Password:

As soon as you log in, the system displays the Administration Main Menu in your browser.

Check the Voice System Status

The voice system automatically starts, but make sure that it is running. You can view the System Status, which includes information on the state of the voice system. To view System Status:

1. From the web-based Administration Main Menu, select:

System Configuration and Status
System Status

After a short wait, the system displays the System Status page.

2. Scroll down the System Status page to verify that the voice system (Messaging Software) is running. Look for the entry "Voice System is Up." If the voice system is not up, Start the Messaging Software by selecting Utilities from the Main Menu.
3. Click Return to Main Menu.

Activate the Modem

1. Log in to the system with the craft login and password.
2. From the web-based Administration Main Menu, select:

Basic System Administration
Modem and Terminal Administration
Install Modem/Terminal Software

The Install Modem/Terminal Software page displays.

Install Modem/Terminal Software

[Status](#)

Check the box of the device to be installed.

Serial Modems and Terminals				
Device Port	Device Type	Modem Type	Speed	Modem Init String
<input type="checkbox"/> COM1 (/dev/ttyS0):	Modem	USR 5686D	38400	AT No data is permitted for this modem type
<input checked="" type="checkbox"/> COM2 (/dev/ttyS1):	Modem	USR 5686D	9600	AT No data is permitted for this modem type

USE Modem				
Device Port	USB Modem Connected?	Modem Type	Speed	Modem Init String
<input type="checkbox"/> USB Modem 1 (/dev/usbmodem0):	No	DSB-560	38400	AT No data is permitted for this modem type
<input type="checkbox"/> USB Modem 2 (/dev/usbmodem1):	No	DSB-560	38400	AT No data is permitted for this modem type

3. Complete the fields for the modem you are installing. See the online Help for additional information about each field.
4. Click **Save** at the bottom of the page.

Establishing System LAN Settings

1. Log in to the system as craft or sa.
2. Click Accept to accept the Netscape license agreement.
3. From the web-based Administration Main Menu, select:

Basic System Administration
TCP/IP Administration
Network Addressing

4. Complete the Network Addressing page using information from the configuration notes or the system administrator. See the online help for additional information about each field.
5. Click Save at the bottom of the Network Addressing page.

Note that the format of the Network Addressing page is slightly different on the console interface. For example, instead of a radio button with a dot to indicate

DNS, the field is a color-shaded diamond.

Network Addressing
[Status](#)

Host Name: **Default Gateway Address:**

TCP/IP Interface:
Primary Name + Domain:
IP Address:
Subnet Mask:
Network Media Type:

Enable DNS? ☒ Yes ☐ No
Domain Name:
Name Server:

Search Order:

- [TCP/IP Diagnostics](#)

The installation is complete. Continue with [Add Switch Integration Software and Language Packages](#).

Install Additional Language Software (if needed)

The language packages, also called announcement sets, allow system users to hear voice prompts and system announcements in other languages. The system is shipped from the factory with the following language packages installed:

- US English
- English TDD (for teletype (TTY) machines)

Adding language software causes the voice system to stop. Plan to do the installation during low usage hours.

Use the INTUITY AUDIX LX Languages CD to install additional announcement sets:

1. Log on as craft (for a new installation) or sa (if restoring a system). The sa default password is **sapasswd**.
2. From the web-based Administration Main Menu, select:

Utilities
Software Management
Software Installation

3. Follow the on-screen instructions to insert the CD.
4. Click **CD** (or another installation media if applicable).
5. The system warns you that system data should be backed up. If necessary perform a system backup. If the system is new, no data needs to be backed up.
6. Click **Continue Operation**.

The system displays a list of packages available on the CD, either software packages or additional language sets depending on which CD you have inserted. Packages that have already been installed are marked with "=".

7. Select the language packages you want to install.
8. Press PageDown to see the bottom of the page, then click **Install selected packages**.

The system displays a list of packages to be installed.

9. Review the list, then click **Proceed with installation**.

The system begins the installation and displays installation status messages. The installation is complete when the pointer changes from a wristwatch to an X.

10. After the software is installed, press PageDown to see the bottom of the status page.
11. If all software was installed successfully, remove the CD from the CD drive.
12. Click **Restart the System**.
13. After the system restarts, press Enter to return to the prompt, and log in.
14. From the web-based Administration Main Menu, select:

Utilities
Software Management
Start Messaging System

15. If the system is to be shipped, stop the voice system and power off the system. If the system is to be administered now, go to [Install Switch Integration Software](#).

Install Switch Integration Software

Install one of the two switch integration packages. The system default is that no switch integration package is installed. The two choices are:

- OverLAN Switch Integration
- Inband Switch Integration

You can only have one switch integration software package installed on the system at one time. If one package is already installed and you want another, you must remove the first package before installing the second package.

1. Log on as craft (for a new installation) or sa (if restoring a system). The sa default password is **sapasswd**.
2. From the web-based Administration Main Menu, select:

Utilities
Software Management
Software Installation

3. Switch Integration software is included on the main INTUITY AUDIX LX software CD. Obtain the CD, then follow the on-screen instructions to insert the CD.
4. Click **CD** (or another installation media if applicable).
5. The system warns you that system data should be backed up. If necessary, perform a system backup. If the system is new, no data needs to be backed up.

The system displays a list of packages available on the CD, including the two switch integration packages: OverLAN and Serial-Inband.

6. Select the switch integration package you want to install. If you know which type of switch integration you plan to do, based on configuration notes, select the corresponding software package. You can only have one switch integration software package installed on the system at one time.
7. Press **PageDown** to see the bottom of the page, and click **Install selected packages**.

The system displays a list of packages to be installed.

8. Review the list, then click **Proceed with installation**.

The system begins the installation and displays installation status messages. The installation is complete when the pointer changes from a wristwatch to an X.

9. After the software is installed, press PageDown to see the bottom of the status page.
10. If the software was installed successfully, remove the CD from the CD drive.
11. Click **Restart the System**.

After the system restarts, it displays the message:

Press Enter to return to prompt...

12. Press Enter, then log in.
13. If the system is to be moved or shipped, stop the voice system and power off the system. If system data is to be restored, go to [Performing a Restore](#). If the system is to be administered now, go to the next section.

Select the Switch Integration

When the appropriate switch integration software package is installed, select the switch integration type:

1. From the web-based Administration Main Menu, select:

Basic System Administration Switch Selection

The system displays the Switch Selection page with a drop-down list of switch configurations. The list varies depending on which switch software package you installed.

Switch Selection

[Status](#)

[Country-Switch:](#)

[Return to Main](#)

UNITED STATES-DEFINITY OVERLAN
UNITED STATES-DEFINITY OVERLAN
JAPAN-DEFINITY OVERLAN
INDIA-DEFINITY OVERLAN
LUXEMBOURG-DEFINITY OVERLAN
SPAIN-DEFINITY OVERLAN
CANADA-DEFINITY OVERLAN
BRASIL-DEFINITY OVERLAN
COLOMBIA-DEFINITY OVERLAN
HONG KONG-DEFINITY OVERLAN
GERMANY-DEFINITY OVERLAN
FRANCE-DEFINITY OVERLAN

2. Click on the drop-down list and select the switch and country that matches the customer site.
3. Click **Save**.

The system displays a confirmation message and also a message that says you need to stop and start the Voice System.

4. Stop and start the Voice System.

Administering Switch Integration

You need configuration notes or a switch integration worksheet to perform the steps in this section. This section includes steps for the following processes:

- Administering OverLAN (also known as C-LAN) Switch Integration
- Administering Inband Switch Integration

Perform this procedure if you need to change the extension length from the default of 4 digits or if you are going to be using a switch integration. Use one of the following subsections, based on whether you are doing an OverLAN (also known as C-LAN) integration or an Inband integration.

OverLAN Using the Switch Integration Forms

1. From the web-based Administration Main Menu, select:

Switch Administration
Switch Link Administration

2. Make the following field settings, as shown on the example screen, and then click Update.

Field	Setting
Switch Link Type	LAN
Extension Length	Setting provided by the site system administrator.
Host Switch Number	Determined by the site system administrator. This is the same as the "host link number."
AUDIX Number	Determined by the site system administrator. This is also known as the "adjunct number."
Country	Matches the country name chosen on the Switch Selection page.
Switch	Matches the switch type from the Switch Selection page.
Switch Number	This is the same as the Host Switch Number.
IP Address/Host Name	This is the IP address of the switch.
TCP Port	5002

Switch Link Administration			
Status			
Switch Link Type:	<input type="text" value="LAN"/>	Host Switch Number:	<input type="text" value="1"/>
Country:	<input type="text" value="UNITED STATES"/>		
Extension Length:	<input type="text" value="5"/>	Audix Number:	<input type="text" value="7"/>
Switch:	<input type="text" value="DEFINITY OVERLAN"/>		

Select to Delete	Switch Number	IP Address/Host Name	TCP Port
<input type="checkbox"/>	<input type="text" value="1"/>	<input type="text" value="135.9.81.101"/>	<input type="text" value="5002"/>

3. If you have more than one switch to add, click Add and complete the additional fields of information.
4. Then click Update.

The system displays a confirmation message that the added or updated information is accepted.

5. Stop and start the Messaging Software (voice system).
6. Switch integrations is complete, skip to the next section, Initial System Administration.

InBand from the Menus

From the main menu select "Switch Administration", "Dial Plan Translation".

Change the extension length if you need to and then adjust the digits for the extension range on your switch. So I use 5 digits and set it for 00000 through 99999. Set your switch number which is most likely to be 1 and then Remote which is most likely to be No.

Stop and start the voice system.

Initial System Administration

This section assumes that you have successfully completed the software installation or upgrade process.

Accessing the system

Once the software is installed, you can access the system administration in either of two ways:

- From the console with the Netscape browser
- From any computer that has LAN access and a browser

Log in to the system from the console

1. At the console, log in as craft (or sa if you are the system administrator) with the default password.
2. As soon as you log in, the system displays the Netscape browser with the Administration Main Menu.

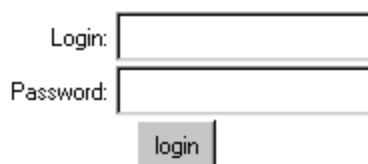
If you have logged in as TSC, rather than craft or sa, type **webadmin** and press Enter to display the web-based administration pages.

Access the web-based administration pages from a remote machine

1. From a separate system, use your favorite browser and enter the address: `http://hostname.dr.avaya.com` where hostname is the name of the INTUITY machine.
2. Use the craft login (or sa if you are the system administrator) with the default password.
3. If you do not see the login page that asks for Login and Password, then make sure you have properly typed in the machine name.

Warning : *Access to this system is restricted to authorized users for business purposes. Unauthorized access is a violation of the law. This service may be monitored for administrative security reasons. By proceeding, you consent to this monitoring.*

Please login



Login:

Password:

As soon as you log in, the system displays the Administration Main Menu in your browser.

Administering Basic Channel and Number Settings

Many of the settings in this system come from switch integration configuration notes or from the switch integration worksheet. Start at the web-based administration login page and log in as craft.

Call Transfer Administration

1. From the web-based Administration Main Menu, select:

Voice System Administration
Call Transfer Administration
Add Allowed Numbers

Add Allowed Transfer Numbers
[Status](#)

	From	To
Transfer Numbers :	<input type="text" value="0"/>	<input type="text" value="99999"/>

2. Make the From and To settings, as specified by the customer and as described in the system online help.
3. Click Save.

The system displays a confirmation message.

Voice Equipment Administration with Switch Integration

1. From the web-based Administration Main Menu, select:

Voice System Administration
Voice Equipment Administration
PBX Extensions to Channels

Assign PBX Extensions to Channels
[Status](#)

Starting PBX Extension :	<input type="text" value="3035381000"/>	Enter a phone number, up to 7 digits.
Starting Channel Number :	<input type="text" value="0"/>	Enter a number.
Ending Channel Number :	<input type="text" value="3"/>	Enter a number.

2. Make the following field settings, as specified by the customer and as shown on the example screen.

Field	Setting
Starting PBX Extension	enter the phone number for the first channel
Starting Channel Number	0 - start at channel 0
Ending Channel Number	3 - enter the last channel number (on a 4-port system the number is 3, on an 8-port system the number is 7)

3. Click Save.

The system displays a confirmation message.

4. From the web-based Administration Main Menu, select:

Voice System Administration
Voice Equipment Administration
Services to Channels

Assign Services to Channels

[Status](#)

Channel: Enter channel numbers and/or range of numbers.

Service:

5. Make the following field settings, as shown on the example screen.

Field	Setting
Channel Numbers	all
Service Name	*DNIS_SVC

6. Click Save.

The system displays a confirmation message.

7. From the web-based Administration Main Menu, select:

Voice System Administration
Number Services Administration
Assign Service

Assign Number Service

[Status](#)

[Called Numbers:](#) to

[Calling Numbers:](#) to

[Service:](#)

8. Make the following field settings, as shown on the example screen.

Field	Setting
Called Numbers	any to - the field after the "to" is blank
Calling Numbers	any to - the field after the "to" is blank
Service Name	AUDIX

Change State of Voice Equipment

[Status](#)

[New State:](#)

[Equipment:](#)

[Equipment](#) Enter a valid number or range (e.g.
[Number:](#) 0,1,2 or 0 1 2 or 2-4 or "all").

[Change Immediately?](#)

9. Click Save.

The system displays a confirmation message.

10. From the web-based Administration Main Menu, select:

Voice System Administration
 Voice Equipment Administration
 State of Voice Equipment

11. Make the following field settings, as shown on the example screen.

Field	Setting
New State	inserv
Equipment	card
Equipment Number	all
Change Immediately?	Yes

12. Click Save.

The system displays a confirmation message.

13. From the web-based Administration Main Menu, select:

Diagnostics
Voice Equipment Diagnostics
Display

14. Verify that you have all of the information that you entered and that the state of the voice card is Inserv.

15. If the state of the voice card is FOOS rather than Inserv, perform the following steps:
- From the web-based Administration Main Menu, select Diagnostics, Voice Equipment Diagnostics, Display.
 - Look for any channels in the state of FOOS. If there are none, continue onto the next section.
 - If there are channels in the state of FOOS, go to Diagnostics, Voice Equipment Diagnostics, Diagnose.
 - Complete the Diagnostics page:

Field	Setting
Equipment to Diagnose	card
Equipment Number	all
Immediate Diagnosis?	yes

- Click Diagnose.
- Wait a few minutes while the system fixes any of the FOOS channels.
- Click Back, then click Display. All channels should now be Inserv. If one or more channels remain as FOOS, there is a phone line problem.

Administering Message Core

Installation worksheets or customer input may be required for many of the Message Core settings.

Overview

To access the Messaging Administration screens:

1. From the web-based Administration Main Menu, select:

Global Administration
Messaging Administration

The system displays the Command Prompt screen and the SSH dialog box. The SSH dialog box provides security protection for the Command Prompt screen.

2. Type your login and password, then click **OK**. If you are prompted for a terminal type, type **vt100**.

Note that from the terminal the functions keys do not always work. Here are the key sequences for the function keys in that case.

Key Sequences

Function	Key Sequence	Function Key
Cancel	Ctrl+X	F1
Refresh	Ctrl+L	F2
Enter	Ctrl+E	F3
ClrFld	Ctrl+K	F4
Help	Ctrl+W	F5
Choices	Ctrl+C	F6
NextPg	Ctrl+N	F7
PrevPg	Ctrl+P	F8

Other Helpful Key Sequences

Function	Key Sequence
Back space	Ctrl+H
Next Field	Ctrl+M
Break out of the webadmin interface and return to the Linux prompt	Ctrl+Alt+Backspace

Basic Administration

Set the Machine Profile for the local INTUITY AUDIX LX machine:

1. At the AUDIX command prompt, type **change machine** and press Enter.

```

bristol          Active          Alarms: mWA          Logins: 1
change machine          Page 1 of 2

                                MACHINE PROFILE

Machine Name: bristol      Machine Type: tcPIP      Location: local

Voiced Name? n      Extension Length: 5
Voice ID: 0      Default Community: 1

ADDRESS RANGES
  Prefix      Start Ext.  End Ext.      Warnings
1: _____ 00000      99999
2: _____
3: _____
4: _____
5: _____
6: _____
7: _____
8: _____
9: _____
10: _____

enter command: change machine
Cancel Refresh Enter ClearFld Help Choices NextPage PrevPage

```

2. Make the following field settings, as shown on the example screen, and then press F3 (Enter).

Field	Setting
Machine Name	change from "local" to the hostname of your machine
Start Ext	00000 This assumes you have a five-digit dial plan. If you have a 4 digit dial plan enter 0000 and 9999.
End Ext	99999

The system displays the Machine Profile, page 2.

3. Type a Password to be used for networking, but do not change other fields on this screen. Leave Updates In and Out set to N.
4. Press F3 (Enter).
5. At the AUDIX command prompt, type **change system-parameters outcalling** and press ENTER.

```

bristol           Active           Alarms: mwA           Logins: 1
change system-parameters outcalling           Page 1 of 1
SYSTEM-PARAMETERS OUTCALLING

Outcalling Active? y

Start Time      End Time      Interval      Maximum Simultaneous
(hh:mm)         (hh:mm)         (hh:mm)         Ports
1: 00:00        23:59         00:15          4
2: __:__        __:__         __:__          __
3: __:__        __:__         __:__          __

Initial Delay (mins): 0
Maximum Number Digits: 29

enter command: change system-parameters outcalling
Cancel Refresh Enter ClearFld Help Choices NextPage PrevPage

```

6. Make the following field settings, as shown on the example screen, and then press F3 (Enter).

Field	Setting
Outcalling Active?	y (or as specified by the customer)

7. At the AUDIX command prompt, type **change system-parameters fax-options**.

```

bristol          Active          Alarms: mWA          Logins: 1
change system-parameters fax-options          Page 1 of 1
          SYSTEM-PARAMETERS FAX

Fax Enabled? ☒

Fax Server Name: Fax

Fax Deliveries To All The Specified Dial Strings Are Allowed/Denied: denied

enter command: change system-parameters fax-options
Cancel Refresh Enter ClearFld Help Choices NextPage PrevPage

```

8. Make the following field settings, as shown on the example screen, and then press F3 (Enter).

Field	Setting
Fax Deliveries To All The Specified Dial Strings Are Allowed/Denied	denied This is customer preference. See FAX Messaging and the following table to understand how fax dialing is allowed or denied. Setting this field as "denied" does allow fax to work. If you select "allowed" instead, then you must use the add fax-dial-string command. The fax dial string is a list of the leading digits of the phone number that users can send a fax to.

Subscribers Can Send or Print Faxes To:	On the System-Parameters Fax-Options Screen , choose:	On Fax-Dial-String Screen :
Any telephone number	Denied	Do not specify any dial strings.
Any telephone numbers except for ones you want to deny access	Denied	Specify dial strings that begin telephone numbers that subscribers <i>cannot</i> use.
Only specific telephone numbers	Allowed	Specify only the dial strings that begin telephone numbers that subscribers <i>can</i> use for sending or printing faxes.

9. If you are using OverLAN switch integration, change the System Parameters Features form. If you are not using OverLAN, skip 3 steps to the next command.
10. At the AUDIX command prompt, enter **change system-parameters features**. Press F7 (NextPage) twice to view page 3 of the form.

```

bristol           Active           Alarms: mWA           Logins: 1
change system-parameters features           Page 3 of 4
                SYSTEM-PARAMETERS FEATURES

CALL TRANSFER OUT OF AUDIX
Transfer Type: enhanced cover 0           Transfer Restriction: digits
Covering Extension: _____

ANNOUNCEMENT SETS
                System: us-eng           Administrative: _____

RESCHEDULING INCREMENTS FOR UNSUCCESSFUL MESSAGE DELIVERY
Incr 1: 0 days 0 hrs 5 mins           Incr 2: 0 days 0 hrs 15 mins
Incr 3: 0 days 0 hrs 30 mins           Incr 4: 0 days 1 hrs 0 mins
Incr 5: 0 days 2 hrs 0 mins           Incr 6: 0 days 6 hrs 0 mins
Incr 7: 1 days 0 hrs 0 mins           Incr 8: 2 days 0 hrs 0 mins
Incr 9: 7 days 0 hrs 0 mins           Incr10: 14 days 0 hrs 0 mins

enter command: change system-parameters features
Cancel Refresh Enter ClearFld Help Choices NextPage PrevPage

```

11. Make the following field settings, as shown on the example screen, and then press F3 (Enter).

Field	Setting
Transfer Type	enhanced_cover_0 (or as specified by the customer) Note: Transfers do not work using the InBand Integration, so do not enable it.
Transfer Restriction	digits Note: You can only make this setting with a tsc login. Contact the support center for assistance.

The system displays the message:

System Covering Extension Not Assigned. Press [ENTER] to Confirm.

12. Press F3 (Enter).
13. At the AUDIX command prompt, enter **change cos 0**.

```

bristol           Active           Alarms: mWA           Logins: 1
change cos 0                                           Page 1 of 2

                                CLASS OF SERVICE

                Name: class00           COS Number: 0           Modified? y
Addressing Format: extension

                                Login Announcement Set: System
System Multilingual is ON           Call Answer Primary Annc. Set: System
Call Answer Language Choice? n    Call Answer Secondary Annc. Set: System

PERMISSIONS
    Type: call-answer           Announcement Control? n           Outcalling? y
    Priority Messages? y           Broadcast: none           IMAPI Access? y
    IMAPI Message Transfer? y     Fax Creation? y           Trusted Server Access? y

enter command: change cos 0
Cancel Refresh Enter ClearFld Help Choices NextPage PrevPage

```

14. Make the following field settings, as shown on the example screen, and then press F3 (Enter).

Field	Setting
Outcalling?	y (or as specified by the customer)

15. Repeat the steps for COS 1.
16. If the system is using digital networking, do the following:
- At the AUDIX command prompt, enter **change system-parameters limits**.
 - Change the Administered Remote Users setting to 10000.
 - Press F3 (Enter) to save.
17. Create a test subscriber by starting at the AUDIX command prompt, and entering **add subscriber**.

```

bristol          Active          Alarms: mWA          Logins: 1
add subscriber          Page 1 of 2

SUBSCRIBER

Name: Coufal, Terry          Locked? n
Extension: _____          Password: 1
COS: class00          Miscellaneous 1: _____
Switch Number: _____          Miscellaneous 2: _____
Community ID: _____          Miscellaneous 3: _____
Secondary Ext: _____          Miscellaneous 4: _____
Account Code: _____          Covering Extension: _____
Broadcast Mailbox? _

Email Address: _____

Press [ENTER] to execute or press [CANCEL] to abort
enter command: add subscriber
Cancel Refresh Enter ClearFld Help Choices NextPage PrevPage

```

18. Make the following field settings, as shown on the example screen, and then press F3 (Enter).

Field	Setting
Password	1
COS	class00

19. Repeat for additional test subscribers. Create at least one or two subscribers for initial acceptance testing.

You can add subscriber information from an existing system in the following ways:

- One-by-one, as described in the previous steps
- Avaya Site Administration (ASA) tool
- [Administration and Data Acquisition Package \(ADAP\)](#) software
- ProVision software

20. At the AUDIX command prompt, exit AUDIX Administration by typing **exit** and pressing Enter.

The screen displays the message "Connection closed."

Digital Networking

To allow digital networking, you make settings for the local and remote machine on the Intuity AUDIX LX and on the target machine. You already completed the local machine settings with the change machine command.

To set information for the remote machine (the one you want to network to):

1. Enter **change machine machine-name** at the command prompt, where machine-name is the name of the remote system.

The system displays the Change Machine screen for the remote system.

bristol	Active	Alarms: mwA	Logins: 1
add machine zugspit			Page 1 of 1
MACHINE PROFILE			
Machine Name: <u>zugspit</u>		Machine Type: <u>tcpip</u>	Location: remote
Voiced Name? <u>n</u>		Extension Length: <u>5</u>	
Voice ID:		Default Community: <u>1</u>	
ADDRESS RANGES			
	Prefix	Start Ext.	End Ext. Warnings
1:	<u> </u>	<u>00000</u>	<u>99999</u>
2:	<u> </u>	<u> </u>	<u> </u>
3:	<u> </u>	<u> </u>	<u> </u>
4:	<u> </u>	<u> </u>	<u> </u>
5:	<u> </u>	<u> </u>	<u> </u>
6:	<u> </u>	<u> </u>	<u> </u>
7:	<u> </u>	<u> </u>	<u> </u>
8:	<u> </u>	<u> </u>	<u> </u>
9:	<u> </u>	<u> </u>	<u> </u>
10:	<u> </u>	<u> </u>	<u> </u>
enter command: add machine zugspit			
Cancel	Refresh	Enter	ClearFld Help Choices NextPage PrevPage

2. Set the Machine Name, Machine Type, Extension Length, Start Extension, and End Extension.
3. Press F7 (NextPage).

```

bristol      Active      Alarms: mwA      Logins: 1
add machine zugspit      Page 2 of 2

      MACHINE PROFILE

NETWORK CONNECTION PARAMETERS

IP Address: 135.9.83.119

Password: abcl23

Updates In? n Out? n

Send to Non-Administered Recipients? N

enter command: add machine zugspit
Cancel Refresh Enter ClearFld Help Choices NextPage PrevPage

```

4. On Machine Profile, page 2, set the IP Address of the remote machine.
5. In the Password field, set the networking password for the remote machine.
6. For now, do not allow Updates In or Out. Both fields should be set to N.
7. Press F3 (Enter).
8. Perform required set-up steps on the remote system.
9. For additional information about networking, check the documentation for the other system and the Networking procedures on the INTUITY AUDIX LX documentation CD.

Administer Internet Messaging

Plan to make these changes to activate Internet Messaging before load is running or when usage is low.

1. From the web-based Administration Main Menu, select:

Global Administration
Messaging Administration

The system displays the Command Prompt screen and the SSH dialog box. The SSH dialog box provides security protection for the Command Prompt screen.

2. Type your login and password, then click **OK**.
3. Type **add subscriber** and press Enter.
4. On the Subscriber screen, make the following settings:
 - Name: PostMaster

Internet Messaging: General Options and Settings

- ? Maximum number of INCOMING SMTP sessions:
- ? Maximum number of OUTGOING SMTP sessions:
- ? Copy email address as friendly name? ☒ Yes ☐ No
- ? Allow name lookup on incoming? ☒ Yes ☐ No
- ? Put RFC822 headers into text? ☒ Yes ☐ No
- ? Accept mail from Trusted Server? ☒ Yes ☐ No
- ? POP3 enabled? ☒ Yes ☐ No
- ? LDAP enabled? ☒ Yes ☐ No

10. On the Mail Options page, locate the Postmaster Extension box. Type the extension you just added for the Postmaster.
11. Click **Submit**.
12. Click **Next** to display the Mail Options page.
13. Verify that the Postmaster Extension matches the subscriber you set up for the Internet Messaging Postmaster.

Mail Options

- ? **Postmaster Extension**
([®]):
- ? Mail Gateway Machine Name: If set, all outgoing mail is delivered to this machine
- ? Mail Gateway IP Address:
- ? Server alias:
- ? Warn about undeliverable mail after
- ? Report undeliverable mail and delete it after
- ? Check for new mail every
- ? Replace this DID string...
- ? ...with this string:

14. Inform system users that Internet Messaging is available and tell them how to use it:
 - To send a message from a user on the INTUITY AUDIX, use Message Manager. Address the message by using the email address. For example: jeff@avaya.com.
 - To send a message to a user on the INTUITY AUDIX from any email program and server, use extension@hostname.domain. For example: 41102@lxsystem.yourcompany.com is the address created by extension@systemname.domain. When you add subscribers to the system, INTUITY AUDIX creates email addresses for them based on their name: firstname.lastname@system.domain.

Additional information and a sample announcement are included on the INTUITY AUDIX LX Documentation CD.

Administering LDAP on Netscape

Customers using Netscape Communicator's Address Book to do LDAP Directory lookups should do the following:

1. Start Communicator.
2. Click **Communicator** on the top menu bar.
3. Click **Address Book**.
4. In Address Book select **File** then **New Directory**.
5. Add INTUITY Server as a new Directory.
6. Change *system* to your system name.
7. Make the following field settings:
 - Description: system
 - LDAP Server: system.dr.avaya.com
 - Search Root: dc=messaging
 - All other fields default values

Additional information is included on the INTUITY AUDIX LX Documentation CD.

System Acceptance Test

Perform the following feature tests before leaving the customer site:

Feature to be tested:	Use these admin screens or commands:	For more information, search the CD for:	Completed /comments
Verify voice ports	System Configuration and Status > Voice Channel Monitor		
Set SA and VM passwords.	Basic > Password Administration	password	
Verify COSs	list cos		
Verify language packages installed	list announcements		
Add test subscribers.	add subscriber change subscriber	subscribers	
Record name and greetings Change default password	Log into mailbox via the telephone user interface (TUI)		
Add broadcast mailbox	add subscriber		
Call answer	Leave message, verify lamp is on, delete message, verify lamp is off		
Voice mail	Create and send message, verify lamp on, forward message, delete message, verify lamp is off		
Administer Message Manager	Load Message Manager on a client, send messages.	(use Message Manager software CD for installation)	
Outcalling	Set outcalling via the TUI or Message Manager. Verify that it works for both a regular message and a priority message	Outcalling	
Test FAX Messaging	Receive and send a fax. Create a fax in Message Manager.	FAX Messaging	
Test Internet Messaging	Create a message in Message Manager, send it to an Outlook client. Note the address. Send a message to the mailbox from Outlook.	Internet Messaging	



[Search this CD](#)

[Site Index](#)

[Contact Us](#)

© 2002 Avaya Inc. All rights reserved.