Installation Procedures

1

Prerequisites for Installation of Aria User Interface Software

This section describes the prerequisites needed for installation of Aria User Interface software on an INTUITY™ AUDIX® system.

Installed Systems

⟹ **NOTE:**
See the installation procedures described in the appropriate installation (MAP/5P, MAP/40P. MAP/100P) sections of the Intuity Messaging Solutions Release 5 Documentation CD-ROM (585-313-803) or Intuity Messaging Solutions Release 5 Documentation for Technicians CD-ROM (585-313-807).

- The INTUITY AUDIX system must have the following:

    — MAP5/P, MAP/40P or MAP/100P hardware and software installed

    ⟹ **NOTE:**
    See the following for complete information about hardware and software installation of the MAP/40P or MAP/100P:

        — Lucent INTUITY Messaging Solutions Release 4 MAP/40P System Installation, 585-310-196

        — Lucent INTUITY Messaging Solutions Release 4 MAP/40P Maintenance, 585-310-197

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— Lucent INTUITY Messaging Solutions Release 4
MAP/100P System Installation, 585-313-114

— Lucent INTUITY Messaging Solutions Release 4
MAP/100P Maintenance, 585-313-115

— Lucent INTUITY Messaging Solutions Release 4
MAP5/P System Installation, 585-310-185

— Lucent INTUITY Messaging Solutions Release 4
MAP5/P Maintenance, 585-310-186

- Lucent INTUITY Release 4.4.

- IMAPI enabled with the required number of sessions. See the following:

    — Lucent Intuity Messaging Solutions Release 4 MAP/100P System
    Installation, 585-313-115.

    — Lucent INTUITY Messaging Solutions Release 4 MAP/40P System
    Installation, 585-310-196

    — Lucent INTUITY Messaging Solutions Release 4 MAP5/P System
    Installation, 585-310-185

- Cornerstone 2.3 or later.

- The following RFUs must be in place:

    - c23rfu+b or later

    - a44rfu+b or later

Installation Checklist

Table 1-1 contains the installation checklist for installing Aria User Interface
software on an INTUITY AUDIX system. This checklist provides a "Task
Description" column listing the required procedures and a "Reference" column
referring to the documentation that applies to the procedure you are completing.

⇒ NOTE:
Table 1-1 provides a high-level view of the procedures involved in the
installation. See the specific procedures noted in the checklist for complete
instructions.

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Table 1-1. Installation Checklist

Task Description	Reference
Review the prerequisites for INTUITY AUDIX system installation.	''Prerequisites for Installation of Aria User Interface Software''
Verify the hardware installation for the INTUITY AUDIX system.	''INTUITY AUDIX Hardware and Software Verification''
Install the Aria User Interface software.	''Aria User Interface Software Installation Procedures''
Install the Aria User Interface RFU (if necessary).	''Installing an Aria User Interface RFU''
Verify the software installation.	''Verifying the Software Installation''
Administer channels	''Administering Channels''
Start the voice system	''Starting the Voice System''

INTUITY AUDIX Hardware and Software Verification

> **NOTE:**
> See the installation procedures described in the appropriate installation (MAP/5P, MAP/40P. MAP/100P) sections of the Intuity Messaging Solutions Release 5 Documentation CD-ROM (585-313-803) or Intuity Messaging Solutions Release 5 Documentation for Technicians CD-ROM (585-313-807).

The INTUITY AUDIX hardware and software for the MAP/40P, MAP5/P, and MAP/100P should have been installed prior to shipment from the factory. For verification of the installation, see the installation procedures described in one of the following documents:

- Lucent INTUITY Messaging Solutions Release 4 MAP/40P System Installation, 585-310-196

- Lucent INTUITY Messaging Solutions Release 4 MAP/100P System Installation, 585-313-114

- Lucent INTUITY Messaging Solutions Release 4 MAP5/P System Installation, 585-310-185

Once the hardware and software for the INTUITY AUDIX system has been verified, you are ready to install the Aria User Interface software.

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Aria User Interface Software Installation Procedures

> **NOTE:**
> The INTUITY AUDIX systems on which Aria User Interface software is to be installed must have INTUITY Release 4.4 or greater and its associated packages installed before proceeding. See Lucent INTUITY Messaging Solutions Release 4 MAP/40P Maintenance, 585-310-197, Lucent INTUITY Messaging Solutions Release 4 MAP/100P Maintenance, 585-313-115, and Lucent Intuity Messaging Solutions Release 4 MAP5/P Maintenance, 585-310-186 for complete procedures for installing INTUITY Release 4.4 software.
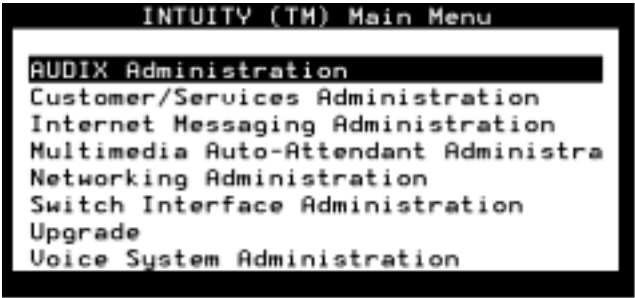
This section describes the procedures for installing Aria User Interface software on the INTUITY AUDIX Release 4.4 and greater systems. If this is a new system shipped directly from the factory, the Aria User Interface software was installed prior to shipping the MAP/40P, the MAP/100P, and the MAP5/P. Skip this section and go to "Installing an Aria User Interface RFU".

Installing Aria User Interface Software

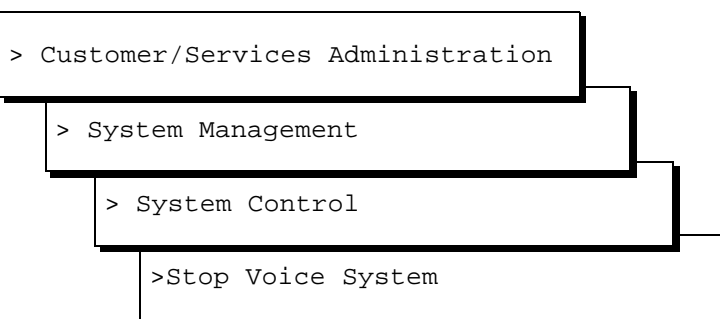To install Aria User Interface software, do the following:

1. Log into the INTUITY AUDIX system as **tsc**

2. Type **Vex**

   The system displays the Lucent Intuity Administration Menu (Figure 1-1).

Figure 1-1.   Lucent INTUITY Main Menu

3. From the Lucent Intuity Main Menu, select

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```
> Customer/Services Administration

    > System Management

        > System Control

            >Stop Voice System
```

4. Enter **y** to confirm that you want to stop the voice system.

5. Enter how many seconds (60-600) you want the system to wait before stopping the voice system.

   The system waits the time you specified and displays the following message:

   `The Voice System has stopped.`

6. Press ENTER to continue.

7. Press F3 (Save) to save.

8. Press F6 (Cancel) twice to return to the System Management menu.

9. From the System Management menu, select

```
> UNIX Management

    >Software Install
```
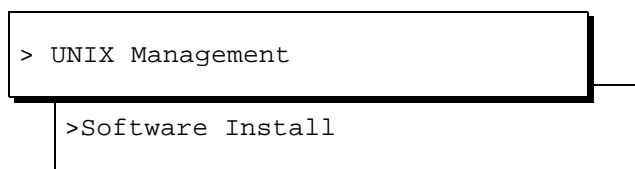
The system displays the Software Install Menu (Figure 1-2).

```
Software Install
>Floppy drive
 Tape drive
```
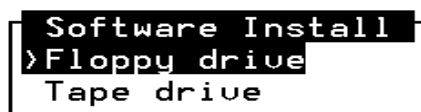
Figure 1-2.   Software Install Menu

10. Select `Tape Drive`.

   The system displays the following message:

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```
Insert a cartridge into Tape Drive 1.
Type [go] when ready
    or [q] to quit: (default: go)
```

11. Insert the tape labeled "Feature Plus on Intuity Messaging Solutions
    Release 4.4" (ARIAAP) into the tape drive.

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12. Press (ENTER).

The system displays the following message:

```
Installation in progress. Do not remove the tape.

The following sets are available:

1   ARIAAP  Feature Plus on Intuity Messaging Solutions
Release 4.4
            (486)1.0

Select package(s) you wish to process (or 'all' to
process all packages.) (default:all) [?,??,q]
```

13. Press (ENTER).

➡ NOTE:
The system responds by prompting you to choose either a partial or complete installation. Choose partial to install an upgrade. Choose Complete to install new software.

A series of messages are presented during installation. When the processing is successfully completed, the system displays the following message:

```
Processing of <Feature Plus on Intuity Messaging
Solutions Release 4.4> is completed.

Insert a cartridge into Tape Drive 1.
Type [go] when ready
    or [q] to quit: (default: go)
```

14. Remove the tape.

15. Insert the tape labeled "Aria User Interface on Intuity Messaging Solutions Release 4.4" (ARIAIN) into the tape drive.

16. Press (ENTER).

The system displays the following message:

```
Installation in progress. Do not remove the tape.

The following sets are available:

1   ARIAIN  Aria User Interface on Intuity Messaging
Solutions Release 4.4
            (486)1.0

Select package(s) you wish to process (or 'all' to
process all packages.) (default:all) [?,??,q]
```

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17. Press ⌈ENTER⌉.

> ⇒ **NOTE:**
> The system responds by prompting you to choose either a partial or complete installation. Choose partial to install an upgrade. Choose Complete to install new software.

A series of messages are presented during installation. When the processing is successfully completed, the system displays the following message:

```
Processing of <Aria User Interface on Intuity Messaging
Solutions Release 4.4> is completed.

Insert a cartridge into Tape Drive 1.
Type [go] when ready
    or [q] to quit: (default: go)
```

18. Remove the tape.

19. Insert the tape labeled "Aria Interface on Intuity - US-English System Announcements".

20. Press ⌈ENTER⌉.

A series of messages are presented during installation. When the processing is successfully completed, the system displays the following message:

```
Processing of <Aria Interface on Intuity - US-English
System Announcements> is completed.

Insert a cartridge into Tape Drive 1.
Type [go] when ready
    or [q] to quit: (default: go)
```

21. Enter **q**

22. Remove the tape.

If you received an RFU tape, continue with "Installing an Aria User Interface RFU".

> ⇒ **NOTE:**
> You may receive more than one RFU tape. If so, follow the "Installing an Aria User Interface RFU" procedures and install each tape.

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Installing an Aria User Interface RFU

> ⇒ **NOTE:**
> This procedure is only necessary if one or more Aria User Interface RFU
> package was shipped with the system being installed.

To install the RFU package, do the following:

1. Select `Tape Drive` from the Software Install menu.

    The system displays the following message:

    ```
    Insert a cartridge into Tape Drive 1.
    Type [go] when ready
         or [q] to quit: (default: go)
    ```

2. Insert the tape labeled "Remote Field Update X for Aria User Interface"
    into the tape drive.

3. Press ⬚ENTER⬚.

    The system displays the following message:

    ```
    Installation in progress. Do not remove the cartridge.

    The following pkgs are available:
    1.  Aria User Interface RFU.x
        (486)1.0

    Select package(s) you wish to process (or 'all' to
    process all packages). (default: all) [?,??, q]
    ```

> ⚠ **CAUTION:**
> Lucent INTUITY software loads are labeled with the release number
> such as 4.0-x, where x is a number such as 41 or 42. The RFU
> software cartridge tape will list x as IP41 or IP42. If the RFU does not
> match the software loaded onto the Lucent INTUITY system, do not
> load the RFU. Contact the remote maintenance center for assistance
> if there is a question about whether the RFU matches the system's
> software load.

4. Press ⬚ENTER⬚.

    The system displays the following message:

    ```
    Processing of <Remote Field Update X for Aria User
    Interface> is completed.

    Insert a cartridge into Tape Drive 1.
    Type [go] when ready
         or [q] to quit: (default: go)
    ```

5. Enter **q**

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6. Remove the tape labeled "Remote Field Update X for Aria User Interface" from the tape drive.

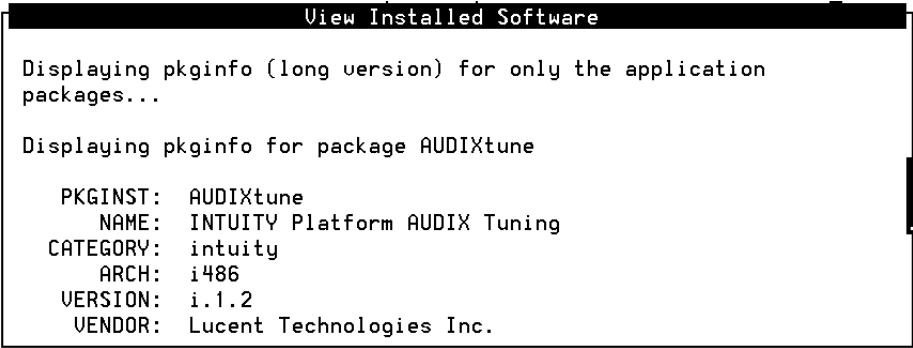7. Press ⌈F6⌉ (Cancel) until you return to the Lucent INTUITY main menu.

Verifying the Software Installation

1. Starting at the Lucent Intuity Administration Menu ([Figure 1-1](#)), select

> > System Verification

> > > View Installed Software

The system displays the Sample View Installed Software Window ([Figure 1-3](#)).

```
                    View Installed Software
 Displaying pkginfo (long version) for only the application
 packages...

 Displaying pkginfo for package AUDIXtune

    PKGINST:  AUDIXtune
       NAME:  INTUITY Platform AUDIX Tuning
   CATEGORY:  intuity
       ARCH:  i486
    VERSION:  i.1.2
     VENDOR:  Lucent Technologies Inc.
```

Figure 1-3.   Sample View Installed Software Window

➡ NOTE:
The packages do not necessarily appear in the order listed below. `Patch` packages appear only if an RFU was installed.

2. Locate the following software with these packages in the View Installed Software screen:

- ARIAAP

  — abase

  — audinf

  — awscr

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> — awserv
>
> — eag
>
> — maf
>
> — mam
>
> — mmaa
>
> — raa
>
> — radutl
>
> — sce
>
> ■ ARIAIN
>
> > — aria

3. If these packages are not listed, contact your remote maintenance center.

   If these packages are listed, press F6 (Cancel) until you return to the Lucent INTUITY main menu.

Administering Channels

Complete the procedures in this section to:

- ■ Map services to channels for operation
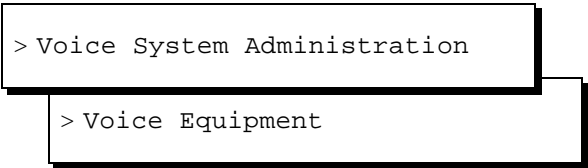- ■ Assign services to called numbers

⇒ NOTE:
Make sure all switch administration is complete.

Mapping Services to Channels for Operation

Complete this procedure to assign the channels to the dialed number information service (*DNIS_SVC), used during normal operation.

To assign channels to the dialed number information service:

1. Start at the Lucent Intuity Administration Window (Figure 1-1), and select

```
> Voice System Administration
```

```
  > Voice Equipment
```

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The system displays the Display Voice Equipment window (Figure 1-4).

```
                        Display Voice Equipment
 CD.PT CHN STATE    STATE-CHNG-TIME  SERVICE-NAME PHONE    GROUP   OPTS TYPE

 CARD  0   STATE: Inserv    CLASS: Analog(TR)            O.S.INDEX:  0
           NAME:  AYC10     OPTIONS: master1,no tdm,tt
           FUNCTION: TipRing

  0.0     0 Inserv  Feb 19 08:40:56  *DNIS_SVC    4053    2       talk IVC6
  0.1     1 Inserv  Feb 19 08:40:56  *DNIS_SVC    4054    2       talk IVC6
  0.2     2 Inserv  Feb 19 08:40:56  *DNIS_SVC    4070    2       talk IVC6
  0.3     3 Inserv  Feb 19 08:40:56  *DNIS_SVC    4072    2       talk IVC6
  0.4     4 Inserv  Feb 19 08:40:56  *DNIS_SVC    4080    2       talk IVC6
  0.5     5 Inserv  Feb 19 08:40:56  *DNIS_SVC    4087    2       talk IVC6
vvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvv
```

Figure 1-4.   Display Voice Equipment Window

2. Press F1 (Actions).
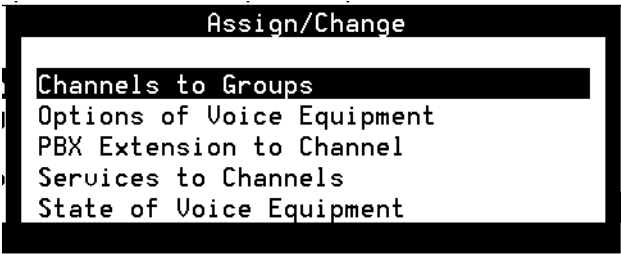
The system displays the Actions menu (Figure 1-5).

```
                      Actions

  Assign/Change
  Modify
  Print
  Renumber
  Unassign
```

Figure 1-5.   Actions Menu

3. Select

```
> Assign/Change
```

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4. Press ENTER.

The system displays the Assign/Change menu (Figure 1-6).

```
                Assign/Change

 Channels to Groups
 Options of Voice Equipment
 PBX Extension to Channel
 Services to Channels
 State of Voice Equipment
```

Figure 1-6.   Assign/Change Menu

5. Select

```
> Services to Channels
```

6. Press ENTER.

The system displays the Assign Services to Channels Window (Figure 1-7).

```
            Assign Services to Channels

        Channel Numbers:
          Service Name: *DNIS_SVC
```

Figure 1-7.   Assign Services to Channels Window

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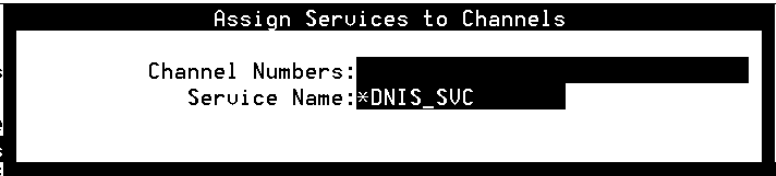
7. Enter the numbers of the channels that the customer has purchased in the `Channel Number`: field.

   Enter the channel numbers as:

   - A single number (for example: **1**)

   - A range of numbers (for example: **0-4**)

   - A list of single numbers (for example: **6,9,10**)

   - A list of single numbers and ranges (for example: **1,4-7,9**)

   - All numbers (**all**)

   ### ⚠ CAUTION:
   The system generates alarms if you enter the numbers of channels that have not been purchased.

8. Press (TAB) to reach the `Service Name` field.

9. Press (F2) (choices) or enter ***DNIS_SVC** in the `Service Name` field.

10. Press (F3) (Save).

    The system displays the following message:

    `Assigned Service *DNIS_SVC Startup cim to Channels x.`

11. Press (F1) (Acknowledge).

   The system returns you to the Assign Services to Channels Window.

12. Press (F6) (Cancel) until you exit.

13. Verify that the designated channels are assigned the specified service.

14. Press (F6) (Cancel) until you reach the Lucent Intuity Administration Menu (Figure 1-1). Continue with the next procedure, *"Assigning Services to Called Numbers"*.

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Assigning Services to Called Numbers

The Dialed Number Information Service (DNIS_SVC) tells the voice channels what to do with the incoming call.

To assign services to called numbers:

1. Start at the Lucent Intuity Administration Menu (Figure 1-1) and select

> **> Voice System Administration**
>
> **> Number Services**
>
> **> Assign Service**
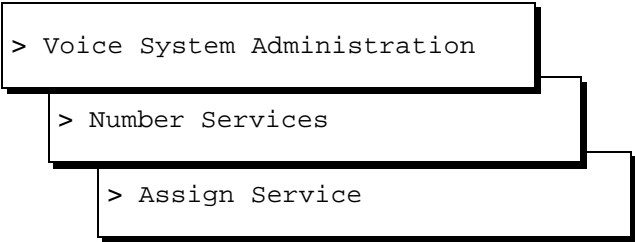
The system displays the Assign Number Service Window (Figure 1-8).

```
                  Assign Number Service

    Called Numbers:any              to
   Calling Numbers:any              to
      Service Name:
```
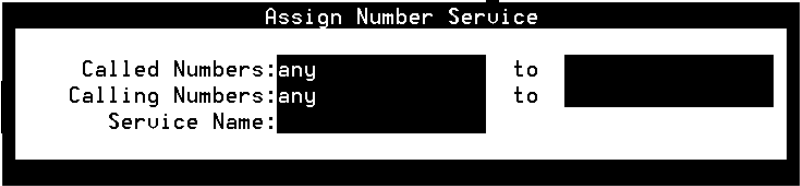
Figure 1-8.   Assign Number Service Window

2. Place the cursor in the `Service Name:` field.
3. Press `F2` (Choices).

   The system displays the Services Menu (Figure 1-9).

```
            Services
   AUDIX
   ChanTran
   sfpip
```

Figure 1-9.   Services Menu

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4. Select

```
> ari_init
```

5. Press ENTER.

6. Type **any** in the `Called Number:` field.

7. Press F3 (Save).

    The system displays the following message:

    `Assigned Service ari_init to dnis any and ani any`

8. Press F1 (Acknowledge).

9. Press F6 (Cancel) until you reach the Lucent Intuity Administration Menu
    (Figure 1-1). See Lucent INTUITY Messaging Solutions Release 4
    MAP/100P Maintenance, 585-313-115 for acceptance testing information.

Starting the Voice System

1. Start at the Lucent Intuity Administration Menu (Figure 1-1) and select

```
> Customer/Services Administration

   > System Management

      > System Control

         >Start Voice System
```

The system displays the following message:

```
The Voice System is starting.
The Voice System  is initializing cards.

Startup of the Voice System is complete.

Hit acknowledge key to continue.
```

2. Press F1 (Acknowledge).

    The system displays the System Control Menu.

You have completed this procedure.