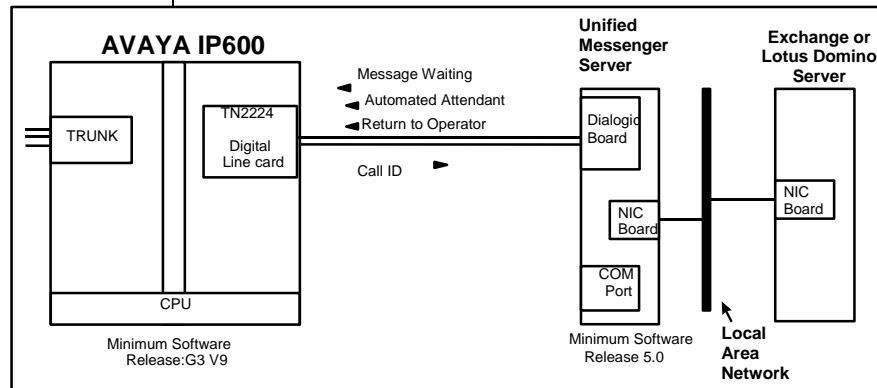


## Configuration Note 8205 – Version E (10/03)

# AVAYA IP600 - Set Emulation



The Dialogic passes a packet containing the call information provided by the Definity PBX to the Unified Messenger server, which then answers with the proper greeting

### Unified Messenger Server requirements

### PBX hardware requirements

## 1.0 METHOD OF INTEGRATION

The Dialogic emulates the 7434D or 8434D digital display telephones. When a call arrives at the Dialogic, it passes a packet containing the call information provided by the Definity PBX to the Unified Messenger server, which then answers with the proper greeting. The Dialogic then sends MWI on or off information to the Definity PBX via a digital port from the PBX, which in turn sets message lamps on the phones on or off.

## 2.0 UNIFIED MESSENGER SERVER REQUIREMENTS

- **Dialogic D/82JCT-U PCI Line card** (8 port card)
- **Software Release 5.0** or higher

## 3.0 PBX HARDWARE REQUIREMENTS

- Digital port (TN2224) for supporting 7434D/8434D, one per Dialogic port.
- **Cables:**
  - D/82JCT-U cable connected to 50 way telco female, 12-4-wire RJ11 cluster box/panel where voice server is greater than 3 feet from the PBX or directly connect to the PBX card using the D/82JCT-U cable where the voice server co-resides with the PBX. This is required for each 8-port

D/82JCT-U card installed in the voice server.

- If more than 1 D/82JCT-U card is installed then a CT-Bus drop down cable must be used to connect the D82U cards together e.g. a 4-drop CT-Bus cable if 4 or less cards are installed.

#### **PBX software requirements**

### **3.1 PBX SOFTWARE REQUIREMENTS**

- Supported Software: V G3v9c.01.0.031.4 or higher

#### **Dialogic Requirements**

### **3.2 DIALOGIC REQUIREMENTS**

- Dialogic D/82JCT-U 8 port card
- D/82U Cable
- Minimum Version: Version. 5.01

#### **Supported integration features**

### **4.0 SUPPORTED FEATURES**

- System forward to personal greeting
  - busy
  - ring-no-answer
- Station forward to personal greeting
  - all calls
- Direct Call
- Message Waiting
- Call Me
- Find Me
- Automated Attendant
- Return-to-operator
- Personal greeting of original-called party using Call Coverage

## 5.0 CONFIGURING THE IP600 TO INTEGRATE

The following PBX programming is intended for certified Definity G3 technicians/engineers. The following tasks must be completed when programming the PBX to integrate. They are as follows:

1. Program a digital port as 7434D/8434D station for each Dialogic port on your system.
2. Create call coverage path(s) that include the Unified Messenger server access number.
3. Change subscriber's station programming to include the proper name field information and call coverage path.

**Note: Some of the fields are default values, but ensure that all values are set as we recommend. The bold fields are critical, but do not alter the default values of the other fields. The fields may not align exactly in the IP600 PBX pages we described, since they change from release to release, but you should find them within one of the programming pages. If fields are not indicated (missing), they should be left as default.**

### 5.1 IP600 DIGITAL STATION SET ADMINISTRATION

Follow these steps to program the digital ports assigned to the Unified Messenger:

- ☐ Define the digital port as 7434D or 8434D terminal using the ADD STATION command as described in the following tables:

add station 2121		Page 1 of 5
STATION		
Extension: 2121	Lock Messages? <b>n</b>	BCC: 0
Type: <b>7434D (7434ND or 8434D)</b>	Security Code:	TN: 1
Port: 01C0506	Coverage Path 1:	COR: 1
Name: <b>VOICEMAIL</b>	Coverage Path 2:	COS: 1
	Hunt-to Station:	
STATION OPTIONS		
Loss Group: 2	Personalized Ringing Pattern: 1	
Data Module? <b>n</b>	Message Lamp Ext: <b>2121</b>	
Display Module? <b>y</b>		
Display Language: english	Coverage Module? <b>N</b>	
	Media Complex Ext:	
	IP SoftPhone? <b>N</b>	

**Note:** For 8434D, you will notice the following different fields:

Expansion Module instead of Coverage Module for 8434D, also = **N**  
Mute Button Enabled? Should be **Y**

Define the digital ports for the  
Unified messenger

add station 2121	Page 2 of 5
STATION	
FEATURE OPTIONS	
LWC Reception: <b>none</b>	Auto Select Any Idle Appearance? <b>n</b>
LWC Activation? <b>y</b>	Coverage Msg Retrieval? <b>y</b>
LWC Log External Calls? <b>n</b>	Auto Answer? <b>none</b>
CDR Privacy? <b>n</b>	Data Restriction? <b>y</b>
Redirect Notification? <b>y</b>	Idle Appearance Preference? <b>n</b>
Per Button Ring Control? <b>n</b>	
Bridged Call Alerting? <b>n</b>	Restrict Last Appearance? <b>y</b>
Active Station Ringing: single	
H.320 Conversion? <b>n</b> Per Station CPN - Send Calling Number?	
Service Link Mode: as-needed	
Multimedia Mode? Basic	Audible Message Waiting? <b>n</b>
MWI Served User Type:	Display Client Redirection? <b>y</b>
	Select Last Used Appearance? <b>n</b>
	Coverage After Forwarding? <b>S</b>
	Direct IP-IP Audio Connections? <b>n</b>
	IP Audio Hairpinning? <b>n</b>

**NOTE: If the customer wishes to hear Music during transfers/hold for UM features like “Find Me,” please refer to Consideration 8.9 of this document.**

add station 2121	Page 3 of 5
STATION	
SITE DATA	
Room:	Headset? <b>n</b>
Jack:	Speaker? <b>n</b>
Cable:	Mounting: <b>d</b>
Floor:	Cord Length: <b>0</b>
Building:	Set Color:
ABBREVIATED DIALING	
List1:	List2: List3:
BUTTON ASSIGNMENTS	
1: <b>call-appr</b>	6:
2: <b>call-appr</b>	7:
3:	8:
4:	9:
5:	10:

Page 4 should be black. Below is an example of Page 5 for an 7434D set:

```
display station 2180                                Page 5 of 5
                                                    STATION

DISPLAY BUTTON ASSIGNMENTS

1: normal
2:
3:
4:
5:
6:
7:
```

Performing subscriber  
administration

**NOTE: The IP600 software includes a terminal type 7434ND. This new terminal type is standard with Release 7 and above and is no longer available as a “special application feature” (Green Feature). Customers who currently have V5–V6 must upgrade to Release 7 or higher to get this feature capability. This terminal type can be enabled within the IP600 “System Parameter Features”. Configure the digital channels supporting the UM ports as 7434ND ports, including extension number as part of the name field is not required. Please refer to Section 8.0 of this document for additional information regarding this option.**

## 5.2 SYSTEM PARAMETER PROGRAMMING

Ensure the system parameter “Station Tone Forward Disconnect” is programmed to “silence.” Refer to example programming below:

```
display system-parameters features                    Page 7 of 11
                        FEATURE-RELATED SYSTEM PARAMETERS

                Pull Transfer: n                      Update Transferred Ring Pattern? n
                Outpulse Without Tone? y              Wait Answer Supervision Timer? n
                Misoperation Alerting? n                Repetitive Call Waiting Tone? n
                Allow Conference via Flash? y
                Vector Disconnect Timer (min):          Network Feedback During Tone Detection? y
                Hear Zip Tone Following VOA? y          System Updates Time On Station Displays? y
                Intercept Treatment On Failed Trunk Transfers? n
                        Station Tone Forward Disconnect: silence
                                Level Of Tone Detection: precise
                Charge Display Update Frequency (seconds): 30
                Date Format on 4600/607/6400 Terminals: mm/dd/yy
                On-hook Dialing on 4600/607/6400/8400 Terminals? n
RECALL TIMING
                Flashhook Interval? y                  Upper Bound (msec): 1000
                                                    Lower Bound (msec): 200
                                                    Forward Disconnect Timer (msec): 600
```

Performing subscriber  
administration

### 5.3 HUNT GROUP PROGRAMMING

Follow these steps to program the Hunt group assigned to the Unified Messenger:

```
display hunt-group 5                                     Page 1 of 10
                                                         HUNT GROUP

Group Number: 5                                         ACD? n
Group Name:UM                                           Queue?
Group Extension: 2778                                   Vector? n
Group Type: ucd-mia                                     Coverage Path:
TN: 1                                                    Night Service Destination:
COR: 1                                                   MM Early Answer? N

Queue Length:
Security Code:
ISDN Caller Display:
```

**Note: If the customer does not wish to hear busy after all ports are busy, then Queue? can be set to yes, and the Queue Length to 15. This would allow up to 15 additional callers to queue for the hunt group during an all ports busy condition. We consider 15 to be a safe value from previous experience.**

```
display hunt-group 5                                     Page 2 of 10
                                                         HUNT GROUP

Message Center: none

LWC Reception: none
```

```
display hunt-group 5                                     Page 3 of 10
                                                         HUNT GROUP
Group Number: 5    Group Extension: 2778    Group Type: ucd-mia
Voice Mail Number: Administered Members (min/max): 1    /1
Total Administered Members: 1

GROUP MEMBER ASSIGNMENTS
Ext    Name
1: 402  VOICEMAIL    14:
2:      15:
3:      16:
4:      17:
5:      18:
6:      19:
7:      20:
8:      21:
Etc.
```

## 5.4 COVERAGE PATH ADMINISTRATION

Follow these steps to program the Coverage Path assigned to the Unified Messenger:

```
display coverage path 20
                                COVERAGE PATH

    Coverage Path Number: 20
                                Hunt after Coverage? n
    Next Path Number:          Linkage

COVERAGE CRITERIA

    Station/Group Status      Inside Call  Outside Call
    Active?                   n            n
    Busy?                     y            y
    Don't Answer?             y            y   Number of Rings: 4
    All?                       n            n
    DND/SAC/GOTO Cover?       y            y

COVERAGE POINTS

Terminate to Coverage Pts. with Bridged Appearance?

Point1: h5                    Point2:          Point3:
Point4:                      Point5:          Point6:
```

## 5.5 SUBSCRIBER ADMINISTRATION

Subscriber administration has two parts: Administering the name field, and assigning the call coverage path. Alternatively special application package SA7608 can be used. This is described in section 8.5.

- ☐ For a station to integrate, the entire extension number must appear within the first 15 characters of the subscriber name field. Each site may have a different format for name placement in these fields; the only requirement for integration is that the extension number appears. Long names may need abbreviating. The following are examples of valid name field entries:

**Note: Refer to the 7434ND option if the customer does not want to enter the extension number in the name field of all users.**

Smith John 2101  
 John 2101 Smith  
 2101 John Smith  
 John Smith 2101

Follow these steps to program the subscribers stations assigned to the Unified Messenger:

display station 3002		Page 1 of 4	
STATION			
Extension: 3002	Lock Messages? n	BCC: 0	
Type: 8410D	Security Code:	TN: 1	
Port: 01A0102	Coverage Path 1: <b>20</b>	COR: 1	
Name: <b>Smith John 3002</b>	Coverage Path 2:	COS: 1	
Hunt-to Station:			
STATION OPTIONS			
Loss Group: 2	Personalized Ringing Pattern: 1		
Data Module? n	Message Lamp Ext: <b>3002</b>		
Display module? y			
Speakerphone: 2-way	Mute Button Enable? n		
Display Language: english			

display station 3002		Page 2 of 4	
STATION			
FEATURE OPTIONS			
LWC Reception: <b>msa-spe</b>	Auto Select Any Idle Appearance? n		
LWC Activation? <b>y</b>	Coverage Msg Retrieval? y		
LWC Log External Calls? n	Auto Answer? none		
CDR Privacy? n	Data Restriction? n		
Redirect Notification? y	Idle Appearance Preference? n		
Per Button Ring Control? n			
Bridged Call Alerting? n	Restrict Last Appearance? y		
Active Station Ringing: single			
H.320 Conversion? n	Per Station CPN - Send Calling Number? y		
MWI Served User Type:	Display Client Redirection? n		
	Select Last Used Appearance? n		
	Coverage After Forwarding? S		

## 5.6 CONFIGURING THE TRUNK GROUP

Numbering Format to UNK-UNK works and fixes the problem with hyphens in the Call ID. UM will only display the Area Code if the Numbering Format is set to PST-UNK.

Set Numbering Format on PSTN incoming Trunk Group-Page 1 to UNK-UNK



## 5.7 CONFIGURING MESSAGE WAITING INDICATOR

The on/off strings under **display feature-access-codes**, page 2 need to be checked. Note the values for **Leave Word Calling Send A Message** (lamp on) and **Leave Word Calling Cancel A Message** (lamp off). These values need to be entered into the **Voice Mail Configuration Screen** (see Section 6.0).

change feature-access-codes					send (return)	help (f5)	cancel (esc)	enter (f3)	schedule (f9)	next (f7)	previous (f8)	next form (f6)	
1	2	3	4	5									
FEATURE ACCESS CODE (FAC)													
Extended Call Fwd Activate Busy D/A					<input type="checkbox"/>	All:	<input type="checkbox"/>	Deactivation:					<input type="checkbox"/>
Extended Group Call Pickup Access Code:					<input type="checkbox"/>								
Facility Test Calls Access Code:					<input type="checkbox"/>								
Flash Access Code:					<input type="checkbox"/>								
Group Control Restrict Activation:					<input type="checkbox"/>	Deactivation:					<input type="checkbox"/>		
Hunt Group Busy Activation:					<input type="checkbox"/>	Deactivation:					<input type="checkbox"/>		
ISDN Access Code:					<input type="checkbox"/>								
Last Number Dialed Access Code:					<input type="checkbox"/>								
Leave Word Calling Message Retrieval Lock:					<input type="checkbox"/>								
Leave Word Calling Message Retrieval Unlock:					<input type="checkbox"/>								
Leave Word Calling Send A Message:					<input type="checkbox"/>	*55							
Leave Word Calling Cancel A Message:					<input type="checkbox"/>	#55							
Malicious Call Trace Activation:					<input type="checkbox"/>	Deactivation:					<input type="checkbox"/>		
PASTE (Display PBX data on Phone) Access Code:					<input type="checkbox"/>								
Personal Station Access (PSA) Associate Code:					<input type="checkbox"/>	Dissociate Code:					<input type="checkbox"/>		
Per Call CPN Blocking Code Access Code:					<input type="checkbox"/>								
Per Call CPN Unblocking Code Access Code:					<input type="checkbox"/>								
Print Messages Access Code:					<input type="checkbox"/>								
Priority Calling Access Code:					<input type="checkbox"/>								
Program Access Code:					<input type="checkbox"/>								

**Note:** Leave Word Calling (LWC) is programmable on the IP600. Verify with your customer the actual On & Off LWC code being use in their PBX.

Please refer to the Consideration section at the end of this document for special PBX programming considerations.



## Configuring the Unified Messenger

## 6.0 CONFIGURING THE UNIFIED MESSENGER SERVER

**Note:** The following screens reflect the latest version of the Unified Messenger. Please refer to the appropriate manual according to your system's release for older versions of Unified Messenger.

- ☐ Configuring the Unified Messenger platform for proper PBX integration requires configuring several menus accessed within the **Voice Mail System Configuration** application.
- Access the **Voice Mail System Configuration** application from the Unified Messenger program group.

*Note: Maximize the Voice Mail System Configuration application window. Also, expand all fields so that all applicable options are visible.*

- Access the **Telephone User Interface**. Select **General**. Within this screen, set the number of digits in a mailbox. This number should match the number of digits of extension numbers on the customer's PBX. At this point, you can also choose to enable/disable the **Automated Attendant** and **Call Back Notification** features. All other fields and tabs are configurable according to your customer needs.
- Access the **Message Waiting Indicator** tab and set the following values:
  - **Enable Message Waiting Indicator (MWI)** = Enable by checking the box
  - MWI server** = Enter the name of the MWI server. Click  to locate the MWI server(s) installed. To add voice servers to the list of voice server that support MWI, click the Add icon  and type the name of the voice server.
  - Limit requests** = Leave Blank

*Note: Refer to the Help screen under the Message Waiting Indicator section for Deleting voice servers and other MWI information.*

- Return to the **Voice Mail Domain** and select **PBX's**. Right click and select **Add New PBX**.
- Within the **Add New PBX** dialog box, select **AVAYA G3 (Set Emulation)**
- Return to the **Voice Mail Domain**, and then select **PBXs – AVAYA G3 (Set Emulation)**.
- Access the **General** tab and set the following values:
  - **DTMF Inter-Digit Delay during Dialing** = 80
  - DTMF Length during Dialing** = 80
  - DTMF Length during Detection** = 50
  - Port Disable Key** = Leave Blank
  - **Transfer Mode** = Blind
  - Start Delay for Call Progress** = 6000
  - Initiate Transfer** = ^Kk,L%S
  - Initiate Blind Transfer** = %S
  - Complete Transfer** = ^Kk
  - Retrieve Call** = ^KA
  - Drop Call** = ^Kj
  - Make Call Prefix** = Leave Blank

- Access the **Tone Detection** tab and set the following values:
- **Maximum Silence before Hanging Up (ms) = 6000**  
**Maximum Tone before Hanging Up (ms) = 6000**
- Return to the **Voice Mail System Configuration** window and access the **Voice Servers**, then select the **General** tab under the **Telephony Interface (QSIG or Set Emulation)** and set the following values:  
**Playback Volume = 2**  
**Concurrent Calls = Enter the number of ports connected to the PBX**  
**Port = Enable ports by checking the checkbox next to the ports**  
**Extension = Enter the extension number associated with the UM port**  
**Incoming Ring Count = 1**
- Return to the **Voice Mail System Configuration** window and access the **General** tab within the **PBX Integration** property page and set the following value:
- **Set Emulation = Enable by checking the box**
- Access the **QSIG/SE** tab and set the following values:  
**Port Group Name = Enter the Group defined for your system**  
**Max MWI Session = 2**  
**Indicator On/Off signals must use the same port = Enable by checking the box**  
**MWI On = \*4%**  
**MWI On = #4%s**

After making these changes, stop and restart the Unified Messenger voice server, and the Mailbox Monitor server and the Message Waiting indicator server, if applicable.

## 7.0 TESTING THE INSTALLATION

- ☐ Create two-test voice-processing-system mailboxes associated with two test extensions. Record a name and personal greeting for each mailbox.
- ☐ Ensure these extensions have been forwarded under busy and ring-no-answer conditions to the pilot number on the voice-processing system.
- ☐ Using one test extension, call the other test extension. Verify a personal greeting plays.
- ☐ Leave a message.

Testing the installation when  
complete

Important notes regarding this  
integration

- ☐ Verify the return-to-operator feature works properly.
- ☐ Verify the message lamp on the test extension turns on.
- ☐ Call the voice-processing system from a test extension. Verify the recorded name is played immediately and the system prompts for a password.
- ☐ Review the message in the mailbox.
- ☐ Verify the message lamp on the test extension turns off.

## 8.0 CONSIDERATIONS/ALTERNATIVES

**8.1 Unsupervised transfers require busy-call coverage.** Calls that are blind transferred to stations that are busy and are not call covered will be lost.

**8.2 Leave Word Calling (LWC) provides message notification.** If the LWC feature is being used by the UM system *and* other sources (that is message center and station users), then users without display terminals must contact their designated message retriever to determine the source of their message-waiting light.

CAUTION: Users with display terminals must not delete any UM messages on their display. This allows the UM system to turn off the message-waiting light when voice messages are reviewed.

**8.3 AVAYA highly recommends that VPM voice ports be distributed among different port cards/shelves on the IP600.** This reduces the possibility that a single card/shelf failure will affect a large number of VPM ports. Depending on the IP600 architecture, performance could also be an issue on some IP600's during high traffic if a large number of calls are being processed on the same card or shelf.

**8.5 Name fields descriptors of Trunk Groups require that at least one numerical value be entered, regardless of AVAYA IP600 model type.** Valid examples are: TIE 1, INWATS 2, 800 INWATS, etc. If the name field is left blank, the IP600 will by default display the trunk number, this is also satisfactory.

**8.6 Performing station/board tests may cause port lock-up.** AVAYA has discovered that if a station/board test is invoked for the DCP ports connected to the UM system (from AVAYA system consoles, test is invoked by entering: "test station XXXX" or "test board XYYY"), it

may cause port lock-up. This only happens if a call is presented to the port at the same time as the station test is performed. If ports are tested while in idle state, the test will not affect functionality.

**8.7 Multi-appearance voice terminal users on IP600 can bridge onto calls that forwarded to the UM system.** A feature called “Temporary Bridged Appearance” allows multi-appearance voice terminal users to “bridge” onto a call that has “Call Covered” and been answered by another station. If the “covering” station is a UM port, the calling party can inadvertently be “conferenced” by the called party and the UM port. Temporary Bridged Appearance can be disabled by setting Feature-Related System Parameter “Prohibit Bridging onto Calls with Data Privacy” to “y”, and configuring the Class of Service assigned to the digital ports connected to the UM ports with “Data Privacy” enabled; then simply enable “Data Restriction” on those same ports. Please note that when “Prohibit Bridging onto Call with Data Privacy” is used, the call appearance receiving the call is still going to be “active” (busy) for the duration of the entire call, and cannot be used to receive or initiate calls during that time. This means that digital stations having only one call appearance (such as the 7401 sets) cannot make any calls until the party leaving the voicemail message hangs up. To completely eliminate the Temporary Bridged Appearance on the IP600, Vectoring software is required and must be implemented as follows:

This is accomplished by configuring the UM ports UCD/ACD group pilot number into a Vector as a “route to” step. Then, assign the VDN (configured with “Allow VDN Override: n”) associated with this newly configured Vector as the call coverage point for all subscribers stations.

The most basic and least expensive Vectoring software package, Automated Attendant Vectoring (PEC Code 1227-AAI or 1227-AAR, depending on switch type), will enable them to do so.

**8.8 Supervised transfers to busy stations forwarding back to the UM system are not supported.** Because of the way AVAYA DEFINITY ONE/IP 600’s handle forwarded calls, the UM system cannot reliably detect Automated Attendant and return-to-operator transfers that immediately forward back to another UM port. AVAYA strongly recommends configuring Automated Attendant and Return-to-Operator applications to perform “unsupervised” transfers. If the UM system must perform supervised transfers, make sure that in Menu 1.1, field “Number of Rings for On-DEFINITY ONE/IP 600 Calls (Used for ECP)” is configured for less rings that it takes for a call to forward on a ring-no-answer condition. This will allow “supervised” transfers to work properly for stations forwarding under ring-no-answer conditions.

- 8.9 If you wish to use the Find Me feature we recommend Tone or Music on Hold configured to improve the calling parties experience.** Trunk-to-Trunk transfer is also required in the UM ports. If the IP600 currently does not have Tone or Music on Hold configured, ask your IP600 vendor if it is possible to include these options. Additionally, ensure that the COS (or COR) of the UM ports have Trunk-to-Trunk enabled. This is required to allow transfers and reconnections. Please consult with your PBX vendor, because enabling Trunk-to-Trunk makes the UM system vulnerable to hackers.

If the IP600 already provided Tone or Music on Hold, then the Data Restriction feature for each UM digital ports must be set to “No.”

**Note: It is critical to read Consideration 8.6 prior to making this change.**

- 8.10 IP600 Digital line self-test can cause errors in the status log upon system reboot.** This self-test causes a momentary interruption on the digital link connecting Dialogic ports to the IP600. This causes the UM to log errors. This self-test feature can be disabled within the IP600, however the command to disable this test can only be accessed via “Maintenance” level password.
- 8.11 Use of autodial and/or abbreviated dialing buttons to access the UM is not supported.** The IP600 does not out-pulse DTMF tones that are part of autodial and/or abbreviated dialing digit strings to digital stations; therefore, using this method to dial into the UM system and automatically input the password will not work.
- 8.12 The Special Application Package SA7608 provides the 7434ND functionality.** When configured as 7434ND telephone set types, UM ports will always receive calling/called station extension numbers, not the name descriptor associated with the calling/called station. Refer to Section 5.1 for more information.
- 8.13 Verify with your PBX vendor that no other devices or applications are using the No Display (ND) option.** The Definity G3 PBX below Release 9.5 can only support one type of digital set with ND option. For example, if the customer is running another voice mail system emulating 7405ND, then the PBX will not allow UM to coexist emulating 7434ND.

To support multiple voice mail systems with the Octel 250/350 (Aria) on one G3, please contact TSO/TAC for the correct Aria configuration note to follow.

To support multiple voice mail systems with the Octel 200/300 (Serenade) on one G3, then Release 9.5 (Load 129) is the minimum release. Consult with your PBX vendor to obtain Load 129 if required.

CHANGE HISTORY		
Revision	Issue Date	Reason for Change
<b>DRAFT 0.1</b>	<b>09/11/01</b>	Initial release for review/validation
<b>DRAFT 0.2</b>	<b>10/24/01</b>	1 <sup>st</sup> validation
<b>Version A</b>	<b>11/28/01</b>	GA
<b>Version B</b>	<b>12/05/01</b>	Added new PBX information
<b>Version C</b>	<b>01/10/02</b>	Added New UM programming values
<b>Version D</b>	<b>05/20/02</b>	New consideration was implemented
<b>Version E</b>	<b>10/28/03</b>	Added PBX System parameter for Silence disconnect (refer to section 5.2)

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