

NetVanta 7100 - Changing to 3-Digit Voice User Extensions

The default configuration that ships with the NetVanta 7100 uses 4-digit extensions. In some cases, a customer's needs may require 3-digit extensions instead. This configuration guide outlines the necessary changes to convert the system from a 4-digit dialing system to a 3-digit dialing system. This guide assumes the starting configuration is the factory default. Some adjustments may need to be made to fit any existing configurations that differ from the default.

Configuration Change Summary

1. Modify the **Extensions** Number Type in the NetVanta 7100 **Dial Plan**.
2. Modify the default **Dial String** for extensions in the **IP Phone Globals** page of the web GUI and update the **Dial Strings** for each existing IP Phone.
3. Change default **System Extensions** to match 3-digit plan.

Modifying the NetVanta 7100 Dial Plan

From the command line interface:

1. Enter "show voice dial plan"
2. Enter configuration mode via the command "config t"
3. Enter "no voice dial-plan 3" to delete the dial plan entry for extensions.
4. Enter "voice dial-plan 3 extensions MXX" to create a 3-digit dial plan entry.

From the web GUI:

1. Enter the **Dial Plan** section of the web GUI and delete the current 4-digit template

Dial Plan Templates (Advanced)

Dial plan templates allow the system to recognize dialed numbers as a particular type of call. The type of call is matched against the user's class of service to determine whether that user has the permission to make the call.

Add New Dial Plan Template

Template: *Valid characters: 0-9, () - M N X [] \$*

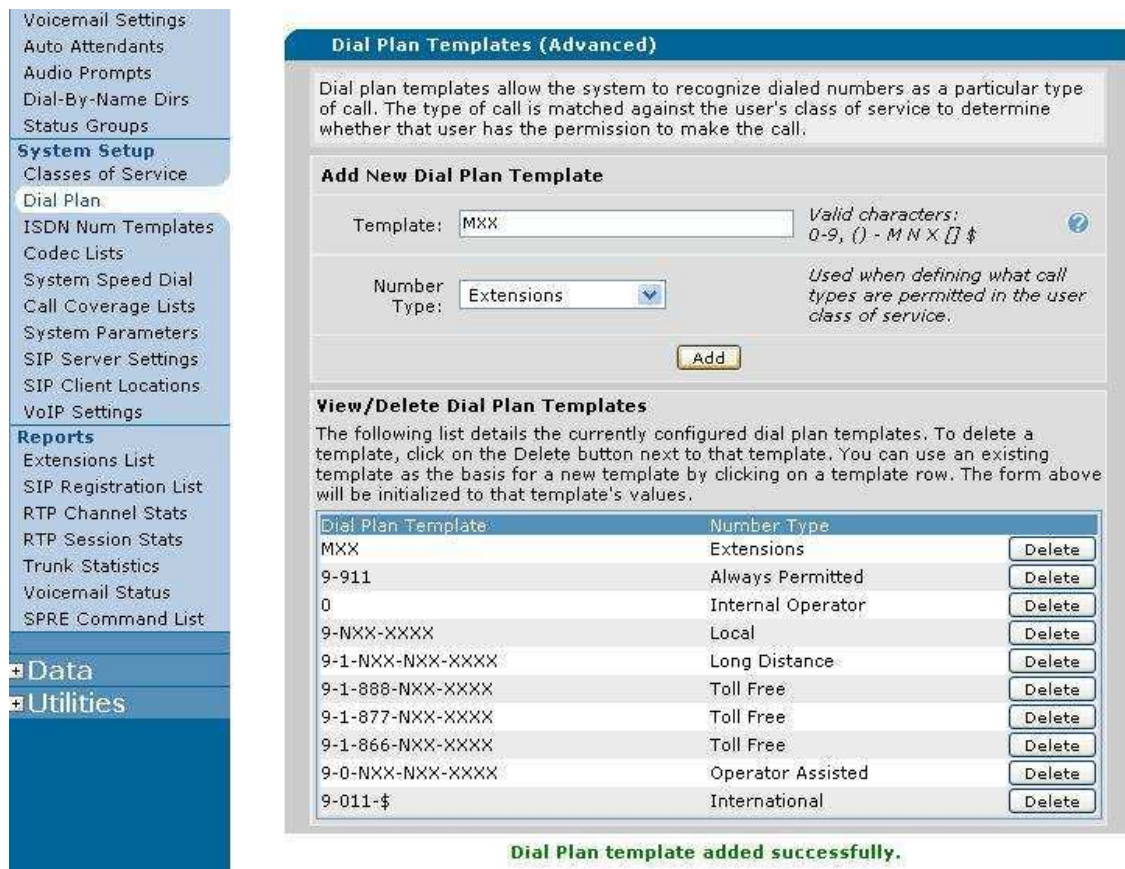
Number Type: *Used when defining what call types are permitted in the user class of service.*

View/Delete Dial Plan Templates

The following list details the currently configured dial plan templates. To delete a template, click on the Delete button next to that template. You can use an existing template as the basis for a new template by clicking on a template row. The form above will be initialized to that template's values.

Dial Plan Template	Number Type	
MXXX	Extensions	<input type="button" value="Delete"/>
9-911	Always Permitted	<input type="button" value="Delete"/>
0	Internal Operator	<input type="button" value="Delete"/>
9-NXX-XXXX	Local	<input type="button" value="Delete"/>
9-1-NXX-NXX-XXXX	Long Distance	<input type="button" value="Delete"/>
9-1-888-NXX-XXXX	Toll Free	<input type="button" value="Delete"/>
9-1-877-NXX-XXXX	Toll Free	<input type="button" value="Delete"/>
9-1-866-NXX-XXXX	Toll Free	<input type="button" value="Delete"/>
9-0-NXX-NXX-XXXX	Operator Assisted	<input type="button" value="Delete"/>
9-011-\$	International	<input type="button" value="Delete"/>

2. Add the new **Dial Plan** template for 3-digit extensions.



Dial Plan Templates (Advanced)

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Dial Plan template added successfully.

Modifying Dial String for IP Phone Configs

1. Go into the **IP Phone Globals** section and click on the **Default Settings** tab.
2. Select the default "[1-8]xxx" and change this value to "[1-8]xx".
3. Change any other references to 4-digit dial strings at this time.

- Voice**
- Stations
 - User Accounts
 - IP Phone Configs
 - IP Phone Globals**
 - Ring Groups
 - Operator Group
 - Paging Groups
 - Pickup Groups
- Trunks
 - Trunk Accounts
 - Trunk Groups
 - Shared Line Accounts
- Applications
 - Voicemail Settings
 - Auto Attendants
 - Audio Prompts
 - Dial-By-Name Dirs
 - Status Groups
 - Music On Hold
 - Call Queuing
- System Setup
 - Classes of Service
 - System Modes
 - Dial Plan
 - ISDN Num Templates
 - Codec Lists
 - System Speed Dial
 - Call Coverage Lists

IP Phone Globals

From this page you can create and manage configuration files and settings for your IP phones.

The following values will automatically be applied to new phone configurations created on this page or in the [User Accounts](#) page. Additionally, all existing configurations can be updated if the New and Existing Configurations radio button is selected before clicking Apply.

VLAN Address: 192.168.202.1

SIP Server:

 Other IP Interface:

 Custom:

Extension Dial Strings:

0

911

9,911

[1-8]xxx

9,[2-9]xxxxxx.T

9,[2-9]xx[2-9]xxxxxx

9,[0-1][2-9]xx[2-9]xxxxxx

9,011xxx.T

[2-9][0123456789].T

*1xx

Add Entry Change Entry

4. Select **New And Existing Configurations** and click **Apply**.

- Music On Hold
- Call Queuing
- System Setup**
- Classes of Service
- System Modes
- Dial Plan
- ISDN Num Templates
- Codec Lists
- System Speed Dial
- Call Coverage Lists
- System Parameters
- SIP Server Settings
- SIP Proxy Settings
- SIP Client Locations
- VoIP Settings
- Email Alerts
- Reports**
- Extensions List
- SIP Registration List
- Call Quality Stats
- RTP Channel Stats
- RTP Session Stats
- Trunk Statistics
- Voicemail Status
- Emergency Location
- SPRE Command List

Extension Dial Strings:

0

911

9,[2-9]xxxxxx.T

9,[2-9]xx[2-9]xxxxxx

9,[0-1][2-9]xx[2-9]xxxxxx

9,011xxx.T

[2-9][0123456789].T

*1xx

Add Entry Change Entry

Shared Line Account Dial Strings:

0.T

911

[2-9]xxxxxx.T

[2-9]xx[2-9]xxxxxx

[0-1][2-9]xx[2-9]xxxxxx

011xxx.T

xx.#

Add Entry Change Entry

Line Keys:

Apply Settings To:

New Configurations Only

New and Existing Configurations

Changing Default System Extensions to Match 3-Digit Plan.

1. Click on **System Parameters**.
2. Change default **System Extensions** to 3-digit numbers and click Apply.
3. Save configuration using the **Save** button on the top right of the web GUI.

System Parameters	Hold Reminder Timeout: <input type="text" value="30"/> seconds	
SIP Server Settings	Park Return: <input type="text" value="60"/> seconds	
SIP Client Locations	Connected Timeout: <input type="text" value="12"/> hours <0 - 1000, 0 is unlimited>	
VoIP Settings	Alerting Timeout: <input type="text" value="5"/> minutes <0 - 60, 0 is unlimited>	
Reports	Country Code: <input type="text" value="1"/>	
Extensions List	International Prefix: <input type="text" value="011"/> <input type="checkbox"/> Abbreviated	
SIP Registration List	Prompt Language: <input type="text" value="English"/>	
RTP Channel Stats	Companding Type: <input type="text" value="U-Law"/>	
RTP Session Stats	Codec Country: <input type="text" value="United States"/>	
Trunk Statistics	Caller ID Type: <input type="text" value="US Bellcore"/>	
Voicemail Status	System Extensions	
SPRE Command List	VoicemailLogin Ext: x <input type="text" value="850"/>	
+ Data	Leave VoicemailExt: x <input type="text" value="854"/>	
+ Utilities	Overhead Paging Ext: x <input type="text" value="800"/>	
	Door Phone Ext: <input type="text" value="<No door phone>"/>	