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# Network Manager Termination Inventory

## IPCC Inbound - IP Toll Free and VILO User Guide

Version: 1.23

Last Updated: February 2023

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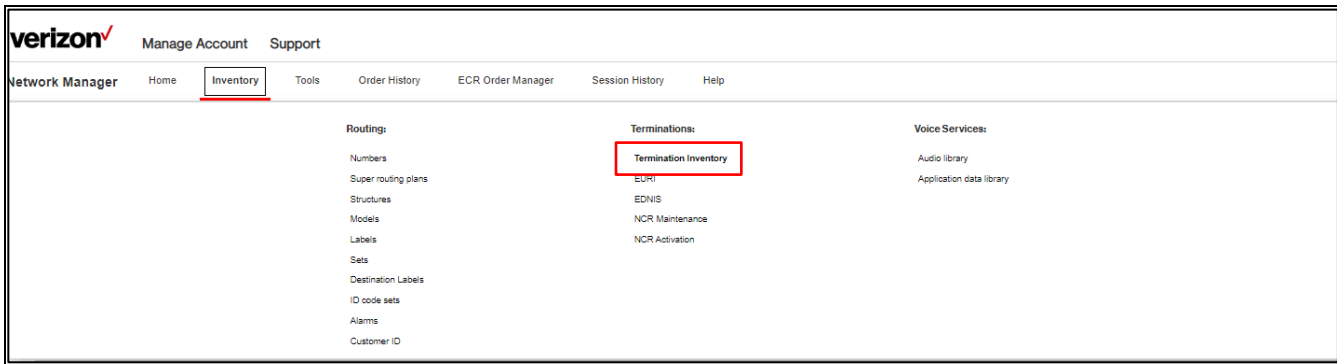
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# Termination Inventory Screen

The termination inventory screen displays all of the dedicated, switched, IP Terminations, IP Domains, and CSP Terminations built under your Customer ID. You can also view terminations under customer ids you are enabled terminate to even if they are owned by another customer ID. In addition to viewing, searching, and exporting your inventories. you can create, edit and delete terminations from this inventory. This guide will focus on IP terminations and switched terminations.

## Accessing the Inventory Screen – Search, Export, Refresh

Select **Inventory/Termination Inventory** under the **Terminations** menu.



# Termination Inventory Screen

## Navigating the Inventory Screen

The Termination Inventory Screen displays with several tabs. The Logical Termination tab is the default. Let's look at the general navigation that exists for all tabs.

The screenshot shows the Termination Inventory Screen interface. At the top, there are two dropdown menus for 'Customer ID' and 'Cross Customer ID', both containing the value '00000488-IP-428 800'. A red box labeled '1' highlights these dropdowns. Below the dropdowns are several tabs: 'Logical Terminations', 'Customer Service Ids', 'DAL Terminations', 'IP Terminations', 'IP Domains', and 'CSP Terminations'. A 'Drop Down' button is located under the 'Logical Terminations' tab. A red box labeled '2' highlights a set of icons (search, export, import, refresh) in the top right corner. The main area is a table with columns: Termination ID, Type, Service ID, Description, DNS, Host, Country Code, ASB, Include, NCR, Location ID, and Page. The table contains 10 rows of data. A red box labeled '3' highlights the pagination controls at the bottom left, which include a dropdown menu set to '10', a 'Find' button, and page numbers 1 through 5. A red box labeled '4' highlights a '+' icon in the bottom right corner, next to the text 'Record Count: 100'.

**Figure 1** – Select the Customer ID for which you want to retrieve the termination inventory. If your terminations are under a Cross Customer ID, select the desired identifier from the Cross Customer ID drop down.

**Figure 2** – Select



To search for a termination



To Export to retrieve All the Terminations in your inventory and Export.



To Import a list of terminations for creation -only valid for switched and dedicated logical terminations.



To refresh the inventory page

**Figure 3** – Use the Drop down to increase the number of inventory items you want to display on the page.

**Figure 4** – If the Plus sign is enabled, it means there are more inventory items to retrieve that are not displaying on the screen. Click the Plus to retrieve the next group of 100 for logical terms, and 50 for IP terms and Domains. **NOTE:** You can also click the export icon to retrieve and display the entire inventory.

# Termination Inventory Screen

There are 6 termination Inventory Tabs.



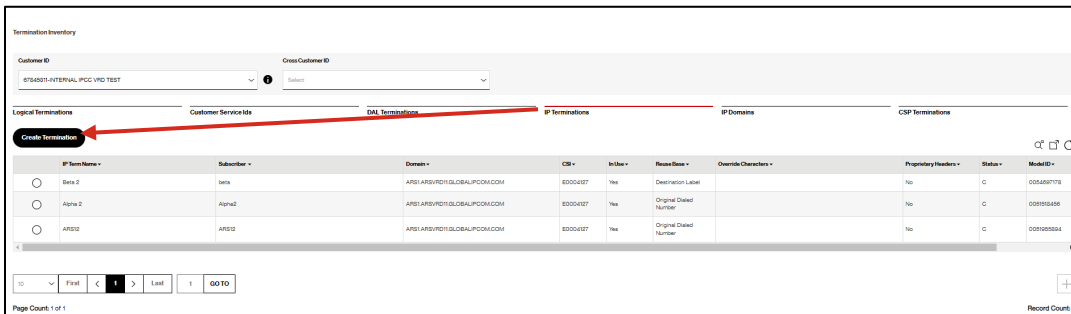
- 1- **Logical Termination** – Displays dedicated, switched, DAL, and EVS terminations
- 2- **Customer Service IDs** – Displays the list of dedicated trunk group identifiers
- 3- **DAL Terminations** – Displays a list of dedicated single use terminations that were created during the Plan Create or Edit functions.
- 4- **IP Terminations** – Displays a list of IP terminations. IP terminations are the URI where you want to deliver the calls originating on a toll-free or local number. It consists of a user@domain.
- 5- **IP Domains** – Displays a list of all the IP Domains. The domain is also referred to as the Fully Qualified Domain Name (FQDN). Domains are established through the order entry process by your account team and typically represent the IP contact center where you want to terminate your traffic.
- 6- **CSP Terminations** – Displays a list of the Cloud Service provider terminations. This is a product where you can deliver calls on your inbound numbers to a partner's IP contact center solution.

# IP Termination Inventory Screen

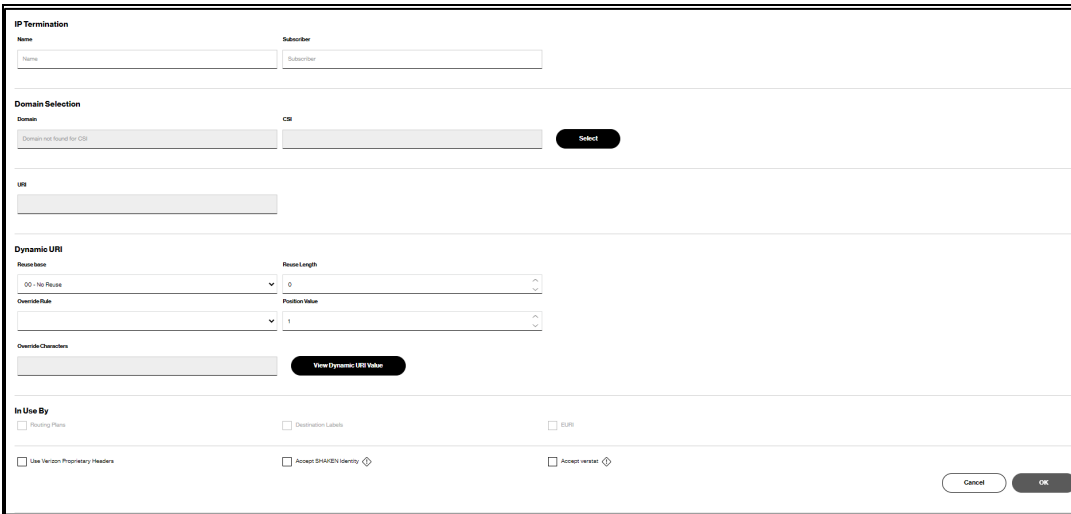
## Creating IP Terminations

IP terms are the URI where you want to deliver the calls originating on a toll-free or local number. You can create your own IP terminations for each domain (FQDN). It consists of a user@domain. The subscriber is often referred to as the user portion (or DNIS) of the URI. You can provision an IP termination with a static or dynamic URI. Dynamic IP terms generate the user or DNIS portion of the URI during call processing, while static IP terms deliver a specific value.

- 1- Select the **IP Terminations** tab from the *Termination Inventory* screen.
- 2- Click the **Create Terminations** button.



## The IP Termination Screen Displays



# Create IP Terminations

## Create a Static IP Termination

You can create a specific value that you want as the user portion of the IP termination. This is the value that displays and is summarized by on the invoice. This value is required, but can be overwritten by the Dynamic URI or by EURI. Static IP subscriber values (user) must be unique across all domains in a Customer ID.

- 3- Assign a *Name* to your IP Termination.
- 4- Enter the *Subscriber* that you want to use to create your URI termination. An IP Termination is the subscriber @ the domain.

The screenshot shows the 'IP Termination' form. It has two input fields: 'Name' (with a red box and '3') and 'Subscriber' (with a red box and '4'). Below these is the 'Domain Selection' section, which includes a 'Domain' dropdown (showing 'Domain not found for CSI'), a 'CSI' dropdown, and a 'Select' button (with a red box and '5'). There is also a 'URI' field at the bottom.

- 5- Click **Select**. The *IP Domain Selection* screen displays.
- 6- Select the domain you want to terminate your traffic to.

The screenshot shows the 'IP Domain Selection' screen. It features a table with the following columns: Domain, Bandwidth, CSI, Parent CSI, Status, Billing Type, and Max Calls. The table contains several rows of domain data. At the bottom right, there is a 'Record Count: 0' and an 'OK' button highlighted with a red box and the number 7. A red box with the number 6 is in the top left corner.

| Domain                       | Bandwidth | CSI      | Parent CSI | Status | Billing Type     | Max Calls |
|------------------------------|-----------|----------|------------|--------|------------------|-----------|
| ARISLARSVPDR.GLOBAL.PCOM.COM | 000000002 | E0000802 | N6587T62   | Active | Standard Billing | 0         |
| ARISLARSVPDR.GLOBAL.PCOM.COM | 000000000 | E0000840 | N6587T44   | Active | Standard Billing | 0         |
| ARISLARSVPDR.GLOBAL.PCOM.COM | 000000000 | E0000841 | N6587T45   | Active | Standard Billing | 0         |
| ARISLARSVPDR.GLOBAL.PCOM.COM | 000000000 | E0000842 | N6587T46   | Active | Standard Billing | 0         |
| ARISLARSVPDR.GLOBAL.PCOM.COM | 000000000 | E0000844 | N6587T48   | Active | Standard Billing | 0         |
| ARISLARSVPDR.GLOBAL.PCOM.COM | 000000000 | E0000843 | N6587T47   | Active | Standard Billing | 0         |

- 7- Click **OK**. The *IP Termination* screen reappears with your URI populated. This is the subscriber@domain field that becomes the IP termination to which you can point numbers.

# Create IP Terminations

## Proprietary Headers, STIR/Shaken, and Verstat

The screenshot shows the configuration interface for IP Termination. It includes sections for Name, Domain Selection, Dynamic URI, and In Use By. The In Use By section contains several checkboxes: 'Use Proprietary Headers' (labeled 8), 'Destination Labels', 'E.911', 'Accept SHAKEN Identity' (labeled 9), 'Accept SHAKEN's Manner', and 'Accept Verstat' (labeled 10). The 'Accept SHAKEN Identity' checkbox is checked. The 'Accept Verstat' checkbox is unchecked. The 'Use Proprietary Headers' checkbox is also unchecked. The 'Cancel' and 'OK' buttons are at the bottom right.

- 8- Select *Use Proprietary Headers* if you want to pass these with the call. Refer to the *Proprietary Headers* guide for information on Proprietary Headers.

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# Create IP Terminations

## Proprietary Headers, STIR/Shaken, and Verstat

- 9- a. Select Accept SHAKEN Identity If you want the network to send the SHAKEN Identity when available to the customer termination. **NOTE:**

**Information:** Checking this box results in the network sending the SHAKEN Identity (when available) to the customer's termination. "SHAKEN Identity" specifically means an Identity Header with the PASSporT extension type (ppt) shaken. Verizon recommends leaving this box unchecked if you do not utilize the SHAKEN Identity.

**Caution:** Ensure your network supports large packets and/or fragmenting as inclusion of a SHAKEN Identity can significantly increase the size of a SIP INVITE.

- b. Select Accept SHAKEN/To Mismatch If you want the network to send the SHAKEN Identity when a known "SHAKEN/To Mismatch" occurs. **NOTE:**

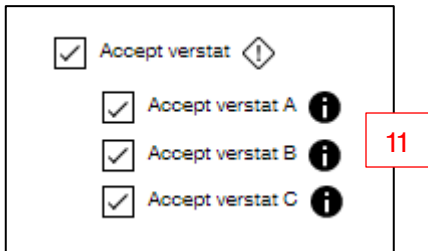
**Information:** Checking this box results in the network sending the SHAKEN Identity when a known "SHAKEN/To Mismatch" occurs. In certain circumstances, network elements may receive an initial-INVITE with a particular number value in the To Header and may subsequently send an initial-INVITE toward the customer with a different number value in the To Header. In these cases, the value in the To Header received by the customer will not match the value in the SHAKEN Identity's destination telephone number field if SHAKEN Identity is being passed. Any downstream verification attempt will likely result in verstat=TN-Validation-Failed, which is known as the "SHAKEN/To Mismatch" scenario. Verizon will not send the SHAKEN Identity to the customer when such a condition is known to exist (even if the Accept SHAKEN Identity box is checked) unless the customer also checks the "Accept SHAKEN/To Mismatch" box. Verizon's general recommendation is for customers to leave this box unchecked.



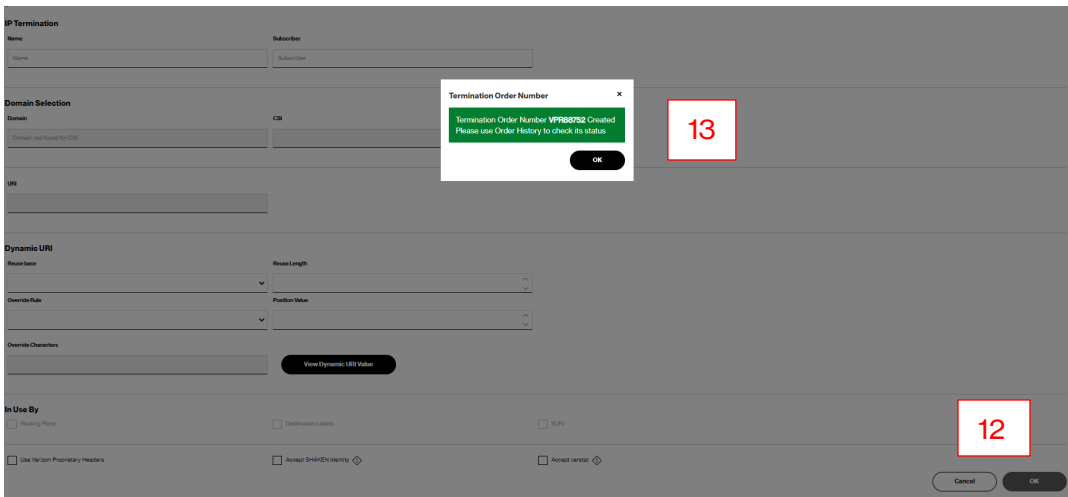
# Create IP Terminations

## Proprietary Headers, STIR/Shaken, and Verstat

10- Select Accept Verstat to send the verstat parameter (when available) to the customer in the P-Asserted-Identity Header or From Header if the verification result does not contain an attestation value.



11- Select Accept Verstat A, B, and/or C to have the network send the verstat to the customer in the P-Asserted-Identity Header or From Header if the verification result contains an attestation value A, B, or C. Verizon recommends customers utilize the verstat information and to check these boxes.



12- Click OK. The *Termination Order* screen appears.

13- Click OK. The *Termination Inventory* screen reappears.

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# Create IP Terminations

## Create a Dynamic IP Termination

### Use Override Characters with Reuse Base

You can dynamically create the user portion of the URI based on a reuse field at the time of call processing. Selecting the option for Use Override characters with reuse base allows you to override the (static) subscriber field with just the dynamic value created by the reuse base and reuse length parameters. This is useful if you want to pass the original dialed number or some other value in the network as the user portion of the URI but only want to create a single termination to do so. You are required to specify a (static) subscriber value (for billing) even if you are using dynamic URI fields.

### Field Definitions and Guidelines for Dynamic IP Terminations

#### Reuse Base

Identifies the field from which the dynamic digits populate to create the dynamic user (subscriber) field. The valid values are:

- 00 = No Reuse
- 01 = ANI - passes the caller's number
- 02 = Original Dialed Number - passes the dialed number
- 03 = Network Address - this is the number that was received on the 8XX DAP within the switch message. For ISAC calls, this is a different number in the switch message than was originally dialed from the customer (dialer). The foreign PTT converts the original dialed number into a 195 number.
- 04 = Translated Network Address - this is the number that was translated from the 195 number within the DAP, namely the domestic 8XX route to number.
- 05 = Account Number - passes the account number if a customer is using account numbers within call processing.
- 06 = First N digits of National WZ1 ANI - we will only send the first X quantity of digits of the ANI as the User. This value will not include the country code.
- 07 = DNIS Override- passes the current value in the *Subsequent Address* or *Term URI*. This is usually associated with NCR or inline overflow. If the original termination constructed a user portion (subscriber value) that was the user wanted to continue to use on subsequent overflow terminations, selecting this field will use those digits again when calls terminate.

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# Create IP Terminations

## Create a Dynamic IP Termination

### Reuse Base, cont.

- 08 = Reuse the Supplementary Code supplied in the Switch Request Message - passes the *Supplementary Code* that is passed from the NGSN platform to the DAP.
- 09 = Variable Length Calling Party Number Outpulse Construction - similar to the 06 value but includes the country code.
- 11 = Destination Label Left - passes the characters in the Destination Label from left to right.
- 12 = Destination Label Right - passes the characters in the Destination Label from right to left.

### Reuse Length

Specify the number of digits you want to pass from the *Reuse Base* into the *Dynamic User* field.

Example: If you wanted to pass the 10-digit dialed number, the reuse base would be Original Dialed Number and the reuse length would be 10. Setting this to the maximum allowed for each reuse base would also pass the complete value.

### Position Value

This is the position you want the dynamic portion to display in the subscriber field if you are using a *Dynamic Reuse* field and *Override Characters*. Example: If you entered 12 in the *Override Characters* field and selected an *Original Dialed Number* reuse length of 10, leaving the *Position Counter* to 1 would populate the user as a toll-free number followed by 12 (8xxxxxxxxx12). If your position was 2, then the user portion would be 18xxxxxxxxx2. If the position counter was a 3, the URI would be 128xxxxxxxxx. Use the *View Dynamic URI Value* to input your values and see what dynamic subscriber displays based on your settings.

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# Create IP Terminations

## Create a Dynamic IP Termination

### Override Rule

**Use Override characters without reuse base** - populates the user portion of the URI with the override digits entered in the *Override Characters* field. By using this option, you can use the same user (subscriber value) across multiple terminations and domains on the same Customer ID. This is a work around to the Subscriber field not allowing duplicate values even on different domains.

**Use Override characters with reuse base** - select this rule in two situations

- Select if you want to pass just the value selected in the reuse base drop-down, such as original dialed number. This allows you to override the *Subscriber* field with just the dynamic value created by the reuse base selected, reuse length, and override characters.
- You want to pass additional characters before the value selected in the Reuse Base drop down. Example, you want to pass 22 before the dialed number so you'd set your reuse base to Original Dialed Number, position value to 3 (to come after the 22), and reuse length to 12 to account for the prefix digits plus the original dialed number. The subscriber value would be 228xxxxxxxxx.

### Override Characters

Typing a value in this field replaces the subscriber field with the specified value if you have an override rule selected.

### View Dynamic URI Value

Allows you to enter sample data from the selected reuse base to view how the user portion of the URI displays during call processing.

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# Create IP Terminations

## Create a Dynamic IP Termination

### Modify Reuse Value

You can select this box if you want to increment or decrement a specific value to the user portion of the URI that is dynamically generated. Example: You want to deliver the last 4 digits of the original dialed number with 3 incremented to that value. You would set Override Rule to 02, Reuse Length to 4, Position Value of 1, Increment Value of 3.

If the number dialed is 800 222 1111 the user portion dynamically generated is 1114.

If the number dialed is 888 333 2345 the user portion dynamically generated is 2348.

### Guidelines

1. If the reuse base is 00, reuse length must be equal to 0;
2. If the reuse base is 08, reuse length must not exceed 30,
3. If the reuse base is 11, reuse length must not exceed 28, for all other reuse bases, reuse length must not exceed 15 bytes.
4. The position value should not exceed the length of the user portion of the URI and must be less than 256. If the position value is greater than the length of the user portion of the URI and less than 256, it is treated as if the position value is equal to the length of the user portion of the URI. Setting the position value at 256 ensures that the dynamic user portion populates after the static subscriber value.
5. The function value must not exceed 9999.
6. The function type/value are not available when the reuse base value is "00" (No Reuse), "05" (Account Number), "07" (DNIS Override).
7. If the function type is increment or decrement, the function value must be greater than 0.
8. If the reuse base is populated (greater than zero), the reuse length must be greater than zero.
9. Override Characters can contain the following characters: [a-z],[A-Z],[0-9],+;,.
10. The maximum length of the override Characters is 30.

Reuse characters are always generated from the right to left except for Destination Label Left.

# Create IP Terminations

## Create a Dynamic IP Termination

Follow the same steps for *Create a Static IP Termination - Pages 5-9* but include the *Dynamic URI* fields.

**Dynamic URI**

Reuse base: 00 - No Reuse (1), 00 - No Reuse, 01 - ANI, 02 - Original Dialed Number, 03 - Network Address, 04 - Translated Network Address, 05 - Account Number, 06 - First N Digits of National WZ1 ANI, 07 - DNIS Override, 08 - Supp Code Reuse, 09 - Variable CpPh (ANI), 11 - Destination Label - Left, 12 - Destination Label - Right

Reuse Length: 0

Position Value: 1

View Dynamic URI Value

- 1- Select a Reuse Base from the Drop-down List. For this example we will select to pass the Original Dialed Number as the user portion of the URI.
- 2- Type a *Reuse Length* in the *Dynamic URI* field. Leave this field at the default maximum to pass the entire value.
- 3- Type a *Position Value* in the *Dynamic URI* field. Leave this value at 1 if the reuse base value is the only value you want to populate as the user (see guidelines below).
- 4- Select an *Override Rule*. If you want to pass the reuse base selection, select Use Override characters with reuse base.

**Dynamic URI**

Reuse base: 02 - Original Dialed Number

Reuse Length: 10 (2)

Override Rule: 0 - None, 1 - Use Override Characters without Reuse base, 2 - Use Override Characters with Reuse base (4)

Position Value: 1 (3)

View Dynamic URI Value

Modify Reuse Value

---

# Create IP Terminations

## Create a Dynamic IP Termination

**Follow the same steps for Create a Static IP Termination - Pages 5-9 but include the Dynamic URI fields.**

- 5- Type the static portion in the *Override Characters* field ONLY if you want to pass a reuse base plus a static portion (example - Type a +1 in the override characters if you want to pass +1 + the original dialed number). Leave this field blank if you only want to pass the reuse base value.

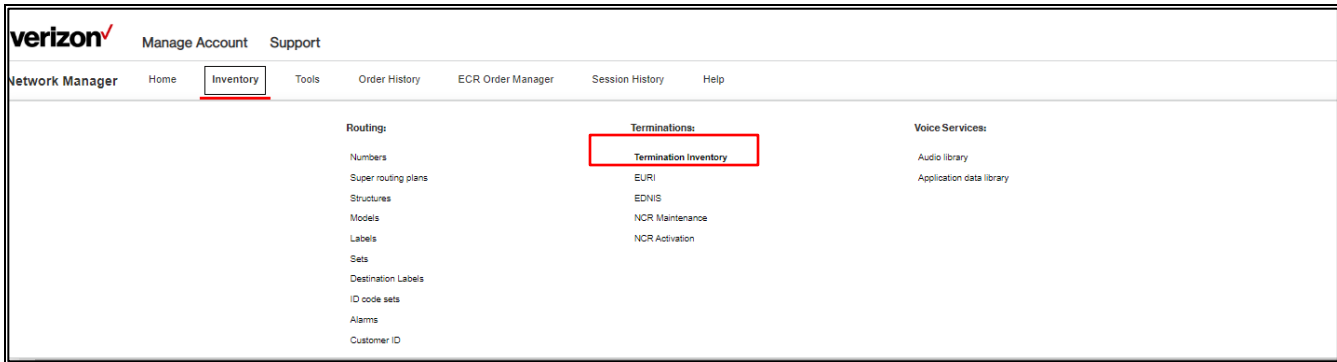
**Dynamic URI**

|   |                               |
|---|-------------------------------|
| <b>Reuse base</b>                           | <b>Reuse Length</b>           |
| 02 - Original Dialed Number                 | 10                            |
| <b>Override Rule</b>                        | <b>Position Value</b>         |
| 2 - Use Override Characters with Reuse base | 1                             |
| <b>Override Characters</b>                  | <b>View Dynamic URI Value</b> |
| 5   |                               |
| <input type="checkbox"/> Modify Reuse Value |                               |

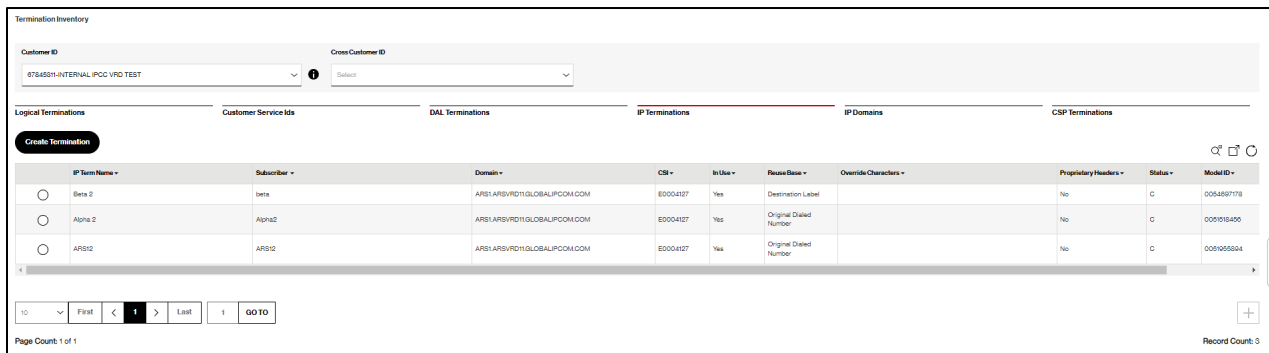
# IP Termination Features – View, Edit, Delete, and Used By

## View the Details of IP Termination

Select **Inventory/Termination Inventory** under the **Terminations** menu.



Select the IP Terminations tab



Select the radio button of the termination you want to view. Select **Details** on the pop-up menu.





# IP Termination Features – View, Edit, Delete, and Used By

## View the Details of IP Termination

The IP Terminations screen displays. Refer to pages 6-13 for field definitions.

**IP Termination**

Name: Beta 2      Subscriber: beta

**Domain Selection**

Domain: ARS1ARSVPD11.GLOBAL.PCOM.COM      CSI: E000427

URI: beta@ARS1ARSVPD11.GLOBAL.PCOM.COM

Model Id: 005402778

**Dynamic URI**

Reuse base: T1 - Destination Label - Left      Reuse Length: 0

Override Rule: 0 - None      Position Value: 0

Override Characters:       [View Dynamic URI Value](#)

**In Use By**

Routing Plans       Destination Labels       EURI

Use Verizon Proprietary Headers       Accept SHAKEN Identity       Accept verstat

[Close](#)

The *In Use By* Section displays a check box if the termination is in use.

**Routing Plan** – If the termination is in use in a Number Level Plan, Super Routing Plan, or Structure

**Destination Label** – If the termination is in use in a Destination Label.

**EURI** – If a termination has Enhanced URI table entries built against it to override the URI specified in the termination details.

**In Use By**

Routing Plans       Destination Labels       EURI

# IP Termination Features – View, Edit, Delete, and Used By

## Edit an IP Termination

Select the radio button of the termination you want to edit. Select **Change** on the pop-up menu. Refer to pages 6-13 for field definitions.

|                                  | IP Term Name - | Subscriber -  | Domain -                       | CSI -    | In Use - | Reuse Base -          | Override Characters - | Proprietary Headers - | Status - | Model ID - |
|----------------------------------|----------------|---|--------------------------------|----------|----------|-----------------------|-----------------------|-----------------------|----------|------------|
| <input checked="" type="radio"/> | Beta 2         | beta  | ARSI.ARSV.RD11.GLOBAL.PCOM.COM | E0004127 | Yes      | Destination Label     |                       | No                    | C        | 0054627178 |
| <input type="radio"/>            | Alpha 2        | <a href="#">Details</a> <a href="#">Used By</a> <a href="#">Change</a> <a href="#">More</a> | ARSI.ARSV.RD11.GLOBAL.PCOM.COM | E0004127 | Yes      | Original Dated Number |                       | No                    | C        | 0051918450 |
| <input type="radio"/>            | ARSI2          | ARSI2   | ARSI.ARSV.RD11.GLOBAL.PCOM.COM | E0004127 | Yes      | Original Dated Number |                       | No                    | C        | 0051955884 |

The IP Terminations screen displays with the ability to modify any of the fields except for changing the domain (you must create a new term if you want to terminate to a new domain). Refer to pages 6-13 for field definitions.

**IP Termination**

Name:  Subscriber:

---

**Domain Selection**

Domain:  CSI:

---

URI:

Model ID:

---

**Dynamic URI**

Reuse base:  Reuse Length:

Override Rule:  Position Value:

Override Characters:  [View Dynamic URI Value](#)

---

**In Use By**

Routing Plans  Destination Labels  EURI

Use Verizon Proprietary Headers  Accept SHAKEN Identity  Accept verstat

[Cancel](#) [OK](#)

# IP Termination Features – View, Edit, Delete, and Used By

## Used By

Select the radio button of the termination you want to view where it is being used. .  
 Select **Used By** on the pop-up menu. The *Used By* screen displays with 3 tabs.  
 Select the radio button and **View** to view any item in the list.

**Routing Plan** – Displays a list of Number Level Plans, Super Routing Plans, or Structures that contain this termination.

**IP Termination: Used By**

IP Terminations  
Alpha 2

Routing Plan      Destination Labels      EURI

| Number / Description -           | Nbr Customer Id - | Type - | Plan Id - | Version - | In Use - | Order Number - | Order Status - |
|----------------------------------|-------------------|--------|-----------|-----------|----------|----------------|----------------|
| <input type="radio"/> STRUCTUREA |                   | STR    |           |           | No       |                |                |
| <input type="radio"/> 8442912672 |                   | NLP    | 001       | 00002     | No       |                |                |
| <input type="radio"/> 8685079237 |                   | NLP    | 003       | 00000     | Yes      |                |                |

10   First < 1 > Last   1   GO TO

Page Count: 1 of 1

Record Count: 3

Close

**Destination Labels** – Provides a list of destination labels that reference this termination as the route to end point.

**IP Terminations**

Beta 2

Routing Plan      Destination Labels      EURI

| Destination Label -         | DL Customer ID - | Order Number - | Order Status - |
|-----------------------------|------------------|----------------|----------------|
| <input type="radio"/> Beta2 |                  | FFFF2185       | Incomplete     |

10   First < 1 > Last   1   GO TO

Page Count: 1 of 1

Record Count: 1

Close

**EURI** – Provides a list of numbers that have enhanced URI built for this termination.

**IP Termination: Used By**

IP Terminations  
Beta 2

Routing Plan      Destination Labels      EURI

| Number -                         | Nbr Customer ID - | Order Number - | Order Status - |
|----------------------------------|-------------------|----------------|----------------|
| <input type="radio"/> 8334782089 |                   |                |                |
| <input type="radio"/> 8337014482 |                   |                |                |
| <input type="radio"/> 8442912671 |                   |                |                |

10   First < 1 > Last   1   GO TO

Page Count: 1 of 1

Record Count: 3

Close

# IP Termination Features – View, Edit, Delete, and Used By

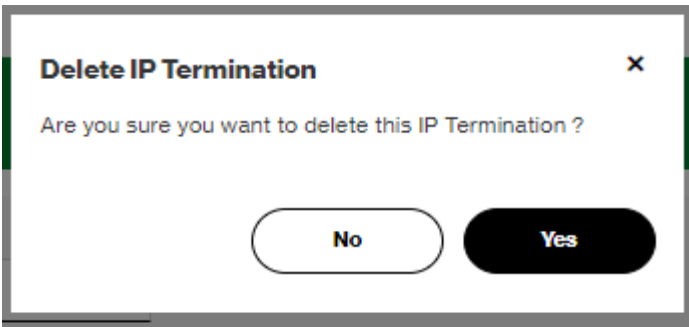
## Delete an IP Termination

You can delete IP terminations as long as they are not in use.

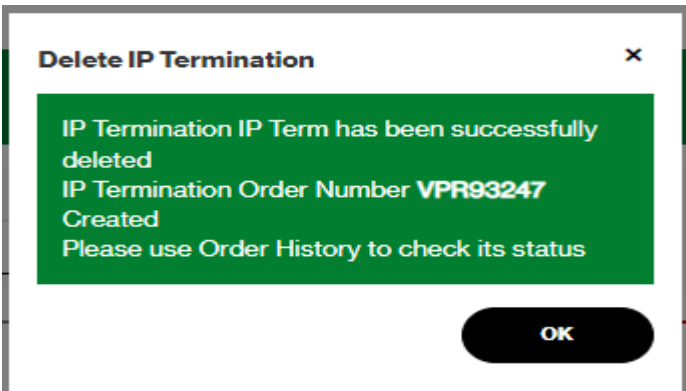
Select the radio button of the termination you want to delete.  
Select **More/Delete** on the drop-down menu.

| IP Term Name | Subscriber | Domain                       | CS       | In Use | Reuse Base             | Override Characters | Proprietary Headers | Status | Model ID   |
|--------------|------------|------------------------------|----------|--------|------------------------|---------------------|---------------------|--------|------------|
| IP Term      | actdef     | ARSIARSVRD11.GLOBALIPCOM.COM | E0004127 | No     | No Reuse               |                     | No                  | C      | 005050290  |
| Beta 2       |            | ARSIARSVRD11.GLOBALIPCOM.COM | E0004127 | Yes    | Destination Label      |                     | No                  | C      | 0054827178 |
| Alpha 2      | Alpha2     |                              | E0004127 | Yes    | Original Dialed Number |                     | No                  | C      | 0051918455 |
| ARIS2        | ARIS2      |                              | E0004127 | Yes    | Original Dialed Number |                     | No                  | C      | 0051955804 |

Click Yes on the confirmation dialog.



Click OK on the Delete IP Termination Dialog.



# Logical Termination Inventory

The logical termination tab displays a list of dedicated, switched, CDAL, and EVS terminations related to your Customer IDs and Cross Customer IDs. From this tab you can view, create, edit, and delete dedicated and switched terminations.

## Field Definitions

|                    |   |
|--------------------|---|
| <b>Term Id</b>     | Displays the unique numeric identifier of the termination.  |
| <b>Type</b>        | DED (8001) - Dedicated termination created in Network Manager<br>SWTCH (8003) - Switched Termination<br>EVS - Enhanced Voice Services Termination. Terminates calls to a Managed IPIVR application.<br>VNET (Virtual Network) – A termination created on a dedicated VNET trunk group, the same as a DED term, but the termination was created by order entry.<br>CDAL - Carrier DAL (Direct Access Line) |
| <b>Svc Id</b>      | Displays the identifier for the service location, which identifies your dedicated trunk group. There is also a default custom Service ID assigned to each switched term.  |
| <b>Description</b> | Displays the description or name you assigned to the termination.   |
| <b>DNIS</b>        | DNIS is the termination feature that enables you to identify digits that you want to outpulse to a dedicated location.<br>*Dedicated terminations only. Switched terminations will not have DNIS  |
| <b>Reuse</b>       | Reuse digits are combined with prefix digits to create the DNIS for a termination at a Customer Service ID (CSI).   |
| <b>CC</b>          | *ANIs (switched terminations only)<br>Country Code. This automatically defaults to 001 (USA/World Zone 1).  |
| <b>ANI</b>         | *ANIs (switched terminations only)<br>Automatic Number Identification. The 10-digit telephone number assigned to a switched termination.  |
| <b>In Use</b>      | Indicates whether or not a termination is in use in a plan.<br><b>Y</b> - In use in a plan.<br><b>N</b> - Not in use in a plan.   |
| <b>NCR</b>         | Network Call Redirect is a feature that enables you to build NCR overflow tables or use inline overflow in your route plan with up to five backup terminations or treatments for routing inbound calls that cannot be completed via their primary routes. This indicates whether or not NCR is being used with this termination.  |
| <b>Location ID</b> | Location ID address assigned to a switched termination.   |

# Logical Termination Inventory

## Selected Termination Menu Options

You can select the radio button for a termination to perform several functions related to your selection.

1. Navigate to **Inventory/Terminations**
2. Select your desired ID from the Customer ID drop-down.
3. Select the radio button of the termination. The floating Menu displays.

| Termination ID                         | Type   | Service ID | Description |
|--|--------|------------|-------------|
| <input checked="" type="radio"/> 00001 | SWITCH | N039849    | CODESK      |
| <input type="radio"/> 00002            |        |            |             |
| <input type="radio"/> 00003            | SWITCH | N0340308   | 2027621     |
| <input type="radio"/> 00004            | SWITCH | N0348709   | DENVER      |
| <input type="radio"/> 00005            | SWITCH | N0390809   | ST PAUL     |
| <input type="radio"/> 00006            | SWITCH | N0390821   | 7706889     |
| <input type="radio"/> 00007            | SWITCH | N0420987   | PITTSBURGH  |
| <input type="radio"/> 00008            | SWITCH | N0421005   | OFFICE      |

The floating menu for the selected row (00003) includes the following options: Create Termination, Change Termination, Delete, Used By, Details, View Orders, Show NCR, Show EDNIS, and Edit Notes.

|                           |   |
|---------------------------|---|
| <b>Create Termination</b> | Select to create a new termination.   |
| <b>Change Termination</b> | For Dedicated Terminations, select to change the DNIS or Description. For a Switched Termination, select to change the ANI or Description. For an EVS Termination, select to change the description only. |
| <b>Delete</b>             | Select to delete the termination. This option is only available if the termination is not in use  |
| <b>Used By</b>            | Displays a list of all the routing plans, destination labels, NCR tables, and EDNIS entries that contain the selected termination.  |
| <b>Details</b>            | Displays all the details of the selected termination.   |
| <b>View Orders</b>        | Displays the Order History screen with termination orders.  |
| <b>Show NCR</b>           | Displays the NCR Activations for the selected termination.  |
| <b>Show EDNIS</b>         | For dedicated terminations, displays the EDNIS entries created for this term.   |
| <b>Edit Notes</b>         | Displays a free form screen to type notes about the selected termination.   |

# Logical Termination Inventory

## Create a Switched Termination

You can terminate your traffic to a telephone number by creating a switched termination in your inventory. The first switched termination has to be created by Verizon, but once that is complete you can create additional ones. A switched termination must be tied to a location ID which can be created by Verizon OE.

- 1- Navigate to **Inventory/Terminations**
- 2- Select your desired ID from the Customer ID drop-down.
- 3- Click the **Create Termination** button.

Termination Inventory

Customer ID: 00105112-MCI/JENNY GERARD | Cross Customer ID: Select

Logical Terminations | Customer Service Ids | DAL Terminations | IP Terminations | IP Domains | CSP Terminations

**Create Termination**

| Termination ID | Type   | Service ID | Description        | DNS | Reuse | Country Code | ANI        | In Use | NCR | Location ID | Par |
|----------------|--------|------------|--------------------|-----|-------|--------------|------------|--------|-----|-------------|-----|
| 00001          | SWITCH | N0330649   | CODESK             |     |       | 001          | 7195951212 | Yes    | Yes | L000718178  | 001 |
| 00002          | SWITCH | N0330670   | SAN DIEGO          |     |       | 001          | 7034807751 | Yes    | Yes | L000718178  | 001 |
| 00003          | SWITCH | N0340508   | 2027821401         |     |       | 001          | 2027821401 | Yes    | Yes | L000718181  | 001 |
| 00004          | SWITCH | N0348709   | DENVER MAIN        |     |       | 001          | 8032018685 | Yes    | Yes | L000718170  | 001 |
| 00005          | SWITCH | N0390809   | ST PAUL 7706880256 |     |       | 001          | 7706880256 | Yes    | Yes | L000718179  | 001 |
| 00006          | SWITCH | N0390821   | 770688024          |     |       | 001          | 770688024  | Yes    | Yes | L000718179  | 001 |
| 00007          | SWITCH | N0420987   | PITTSBURGH         |     |       | 001          | 9724442037 | Yes    | Yes | L000718180  | 001 |
| 00008          | SWITCH | N0421005   | OFFICE             |     |       | 001          | 9724442020 | Yes    | Yes | L000718183  | 001 |
| 00009          | SWITCH | N0421984   | DENVER 9724442012  |     |       | 001          | 9724442012 | Yes    | Yes | L000718182  | 001 |
| 00012          | SWITCH | N1037830   | NCHO CARY          |     |       | 001          | 9198774855 | Yes    | Yes | L000718170  | 001 |

- 4- Type in the 10-digit ANI you want traffic to terminate to.
- 5- Type in a description up to 25 characters.
- 6- Click the plus sign to select a Location to tie to the termination.

### Switched Termination Details

Customer Service ID: \_\_\_\_\_ | Term ID: \_\_\_\_\_

Country Code: 001,USA/WORLD ZONE 1 | ANI: **4**

Description: **5** | Location: **6**

# Logical Termination Inventory

## Create a Switched Termination

7- Select a Location you want to tie to your termination.

| LocationId                       | Name      | Street                         | City                       | State            | Country | Postal Code |           |
|----------------------------------|-----------|--------------------------------|----------------------------|------------------|---------|-------------|-----------|
| <input type="radio"/>            | L00078176 | POTTERY BARN #445              | JUNCTION OF RTS 114 &128   | PEABODY          | MA      | USA         | 01990     |
| <input type="radio"/>            | L00078177 | WILLIAMS SONOMA #908           | 73505 EL PASO              | PALM DESERT      | CA      | USA         | 92280     |
| <input type="radio"/>            | L00078178 | MCI EASTERN DIVISION           | 701 S. 12TH ST.            | ARLINGTON        | VA      | USA         | 22202     |
| <input checked="" type="radio"/> | L00078179 | MCI EASTERN DIVISION           | 701 12TH ST S              | ARLINGTON        | VA      | USA         | 222044203 |
| <input type="radio"/>            | L00078180 | MCI-SOUTHLAND DEMO             | 222 LAS COLINAS BLVD       | IRVING           | TX      | USA         | 75039     |
| <input type="radio"/>            | L00078181 | MCI EASTERN DIVISION           | 701 12TH ST S              | ARLINGTON        | VA      | USA         | 222024204 |
| <input type="radio"/>            | L00078182 | MCI EASTERN DIVISION           | 222 LAS COLINAS BLVD       | IRVING           | TX      | USA         | 75039     |
| <input type="radio"/>            | L00078183 | MCI EASTERN DIVISION           | 222 W. LAS COLINAS         | IRVING           | TX      | USA         | 75039     |
| <input type="radio"/>            | L00078184 | FOR TEST ONLY                  | 2424 GARDEN OF THE GODS RD | COLORADO SPRINGS | CO      | USA         | 80519     |
| <input type="radio"/>            | L00078185 | 800 GUARDIAN/VERIZON DO NOT CH | 6400 WESTON PKWY           | CARY             | NC      | USA         | 275198614 |

Page Count: 1 of 1

Record Count: 10

Cancel OK

8- Click **OK**. The Switched Term Details screen Displays.

9- Click **OK**. The Termination Order List Displays.

| Action                | TermId | CC (Country Code) | ANI        | Description | LocationID |
|-----------------------|--------|-------------------|------------|-------------|------------|
| <input type="radio"/> | CREATE | 001               | 7195056555 | Ma          | L000710170 |

Page Count: 1 of 1

Record Count: 1

Submit Cancel

10- Click **Submit**. The Submit/Approve Order dialog displays.

11- Click **Yes**. The Order Number Displays.

### Submit / Approve Order

Effective Date Time

01/30/2023 10:23 PM MST

Remarks

No Yes



# Logical Termination Inventory

## Create Dedicated Terminations

To create a dedicated, navigate to the termination inventory from **Inventory/Terminations**.

Select the radio button next to an existing termination that resides on the same service id as the new one you want to create.

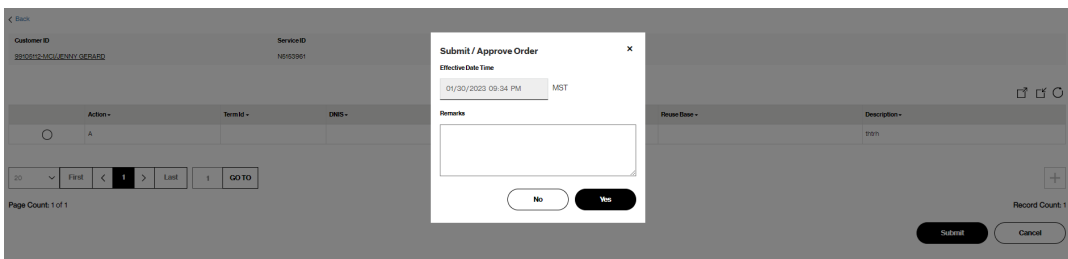
Select Create Termination

1. Type in a Description up to 25 characters.
2. Type the DNIS digits in the *DNIS* field. These digits must be in between the min and max length.
3. Click **OK**.

### DAL Termination Details

|                                       |  |
|---------------------------------------|--|
| Customer Service ID                   | Description                              |
| <input type="text" value="N5153961"/> | <input type="text" value="Description"/> |
| Min Length                            | Max Length                               |
| <input type="text" value="1"/>        | <input type="text" value="15"/>          |
| Term ID                               | DNIS                                     |
| <input type="text" value="Term ID"/>  | <input type="text" value="DNIS"/>        |
| Reuse Digits Length                   | Reuse Base                               |
| <input type="text" value="0"/>        | <input type="text" value=""/>            |

4. Click **Submit**.
5. Click Yes on the **Approve/Submit** Dialog.



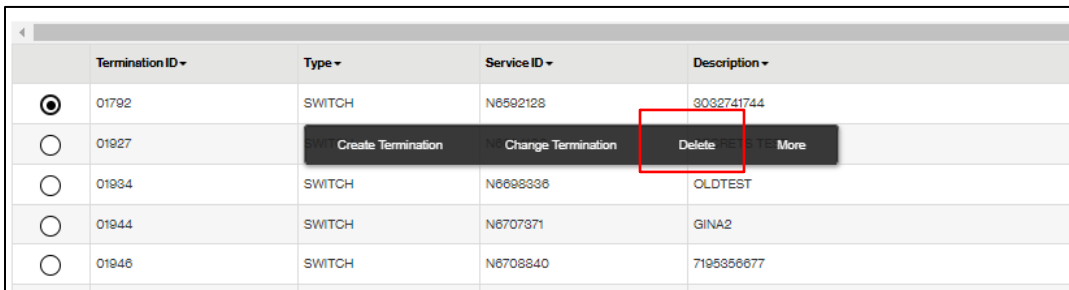
**Note:** You cannot create new terminations for Cross Customer IDs.

# Logical Termination Inventory

## Delete a Logical Termination

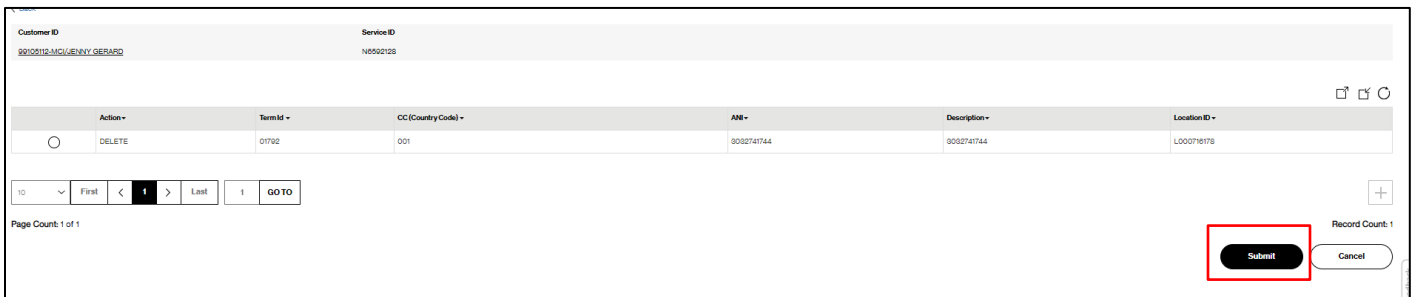
You can delete a logical dedicated or switched termination from your inventory as long as it is not in use. EVS Terminations are created for managed IPIVR applications and will be automatically removed when an application is disconnected.

1. Select the radio button of the termination you want to delete.
2. Click **Delete** on the Menu.



| Termination ID                         | Type  | Service ID | Description |
|--|---|------------|-------------|
| <input checked="" type="radio"/> 01792 | SWITCH  | N6592128   | 3032741744  |
| <input type="radio"/> 01927            | Create Termination Change Termination Delete More |            |             |
| <input type="radio"/> 01934            | SWITCH  | N6698336   | OLDTEST     |
| <input type="radio"/> 01944            | SWITCH  | N6707371   | GINA2       |
| <input type="radio"/> 01946            | SWITCH  | N6708840   | 7195356677  |

3. Click **Submit** on the Order Screen.



Customer ID: 9202512, MCDJENNY GERARD | Service ID: N6592128

| Action                       | Term Id | CC(Country Code) | Abb        | Description | Location ID |
|------------------------------|---------|------------------|------------|-------------|-------------|
| <input type="radio"/> DELETE | 01792   | 001              | 0032741744 | 0032741744  | L00079178   |

Page Count: 1 of 1 | Record Count: 1

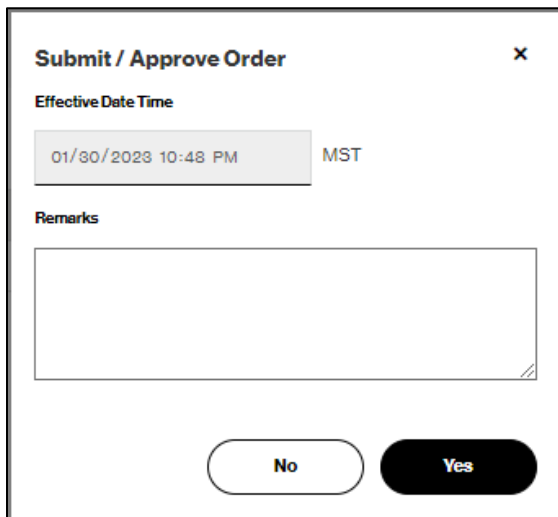
Buttons: First, <, >, Last, 1, GOTO, +, Submit, Cancel

---

# Logical Termination Inventory

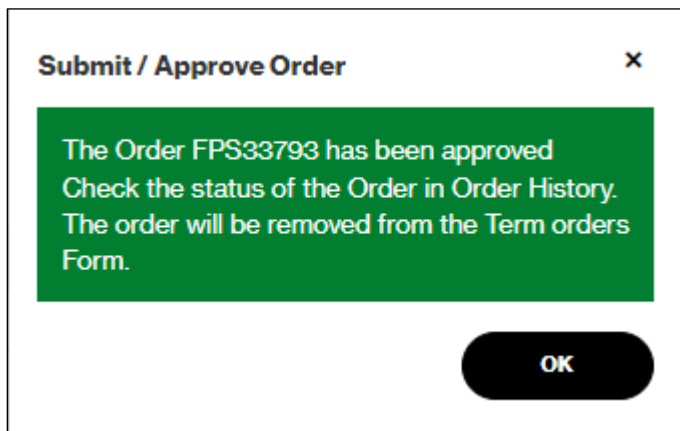
## Delete a Logical Termination

- Click **Yes** on the Submit/Approve Dialog.



The screenshot shows a dialog box titled "Submit / Approve Order" with a close button (X) in the top right corner. Below the title, there is a section labeled "Effective Date Time" containing a text input field with the value "01/30/2023 10:48 PM" and a dropdown menu set to "MST". Below this is a section labeled "Remarks" with a large empty text area. At the bottom of the dialog, there are two buttons: "No" and "Yes".

- Click **OK** on the Order dialog box.



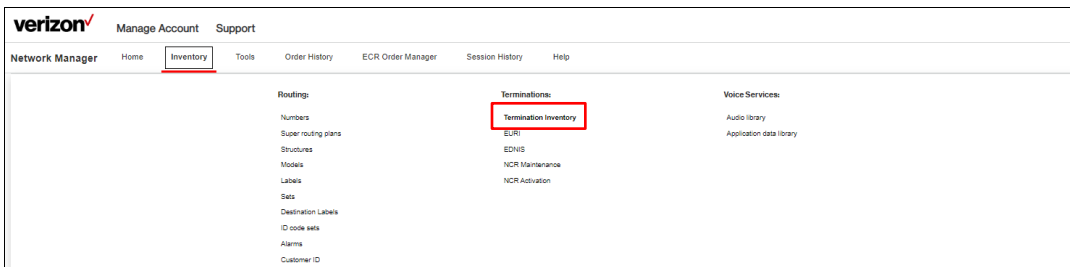
The screenshot shows the same "Submit / Approve Order" dialog box, but with a green message box overlaid on the content. The message text reads: "The Order FPS33793 has been approved. Check the status of the Order in Order History. The order will be removed from the Term orders Form." At the bottom right of the dialog, there is a single "OK" button.

# IP Domain Inventory

The IP Domains tab displays a list of all the IPCC Inbound and Outbound domains built for the selected Service ID. The domain is also referred to as the Fully Qualified Domain Name (FQDN). Domains are established through the order entry process by your account team and typically represent the IP contact center where you want to terminate your traffic or where your outbound traffic originates from.

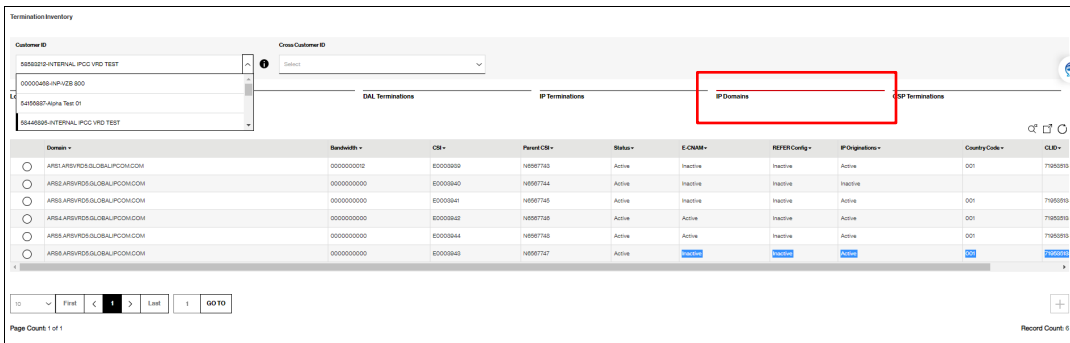
To navigate to IP Domains:

## 1. Inventory/Termination Inventory



## 2. Select a Customer ID from the drop-down list

## 3. Select the IP Domains Tab



# IP Domain Inventory

## View IP Domain Details and Change Features - Inbound

You can change attributes assigned to your Inbound Domain. It is suggested that you do not modify the Domain Name or Bandwidth without consulting your account team and Solutions Architect.

4. Select an Inbound Domain and Select **Details** to View the IP Domain Details Screen or Change to modify the Domain details.

The screenshot displays the 'Termination Inventory' interface. At the top, there are filters for 'Customer ID' (5858212-INTERNAL\_IPCG\_VRD\_TEST) and 'Cross Customer ID'. Below the filters, there are tabs for 'Logical Terminations', 'Customer Service Ids', 'DAL Terminations', 'IP Terminations', 'IP Domains' (which is selected), and 'CSP Terminations'. The main area contains a table with columns: Domain, Bandwidth, CSI, Parent CSI, Status, E-CNAM, REFER Config, IP Originations, Country Code, and CLID. The third row of the table has a red box around the 'Details' button in the 'IP Originations' column. Below the table, there are navigation controls including 'First', '1', 'Last', and 'GO TO'. The page count is 'Page Count: 1 of 1' and the record count is 'Record Count: 6'.

| Domain                       | Bandwidth  | CSI      | Parent CSI | Status | E-CNAM   | REFER Config | IP Originations | Country Code | CLID     |
|------------------------------|------------|----------|------------|--------|----------|--------------|-----------------|--------------|----------|
| ARS1.ARSVRDS.GLOBALIPCOM.COM | 0000000012 | E0009899 | N8507743   | Active | Inactive | Inactive     | Active          | 001          | 71959515 |
| ARS2.ARSVRDS.GLOBALIPCOM.COM | 0000000000 | E0009840 | N8507744   | Active | Inactive | Inactive     | Inactive        |              |          |
| ARS3.ARSVRDS.GLOBALIPCOM.COM | 0000000000 | E0009842 | N8507745   | Active | Inactive | Inactive     | Active          | 001          | 71959515 |
| ARS4.ARSVRDS.GLOBALIPCOM.COM | 0000000000 | E0009842 | N8507746   | Active | Active   | Inactive     | Active          | 001          | 71959515 |
| ARS5.ARSVRDS.GLOBALIPCOM.COM | 0000000000 | E0009844 | N8507748   | Active | Active   | Inactive     | Active          | 001          | 71959515 |
| ARS6.ARSVRDS.GLOBALIPCOM.COM | 0000000000 | E0009843 | N8507747   | Active | Inactive | Inactive     | Active          | 001          | 71959515 |

# IP Domain Inventory

## View IP Domain Details and Change Features - Inbound

The IP Details Screen displays.

< Back

**View IP Domain Details**

|             |          |            |
|-------------|----------|------------|
| Customer ID | CSI      | Parent CSI |
| 5552212     | E0009940 | N8567744   |

Domain: ARS2.ARSVID6.GLOBAL.IPCOM.COM

Bandwidth: 0000000000

E-CNAM     REFER Config     IP Originations

Country Code:    CLID:

**Customer ID:** Account ID for selected Domain.

**CSI:** Customer Service Identifier (E Number) assigned to Domain.

**Parent CSI:** Parent Customer Service Identifier (N Number) assigned to Domain.

**Domain:** Domain Name

**Bandwidth:** Not generally used and left at zeros, bandwidth can be set to limit the quantity of calls to your network terminating to this domain. For example, you can set the domain to 50,000 KB, and once the amount of voice traffic exceeds that bandwidth, any additional incoming calls would receive a busy signal on Verizon's network.

**E-CNAM:** Calling Party Name (CNAM) is a VoIP Inbound feature that enables you to receive the Calling Party Name in addition to ANI Caller ID information. When VoIP Inbound calls are delivered, the CNAM feature first checks the Verizon names database for a Calling Party Name (CPN). Calling Party Names retrieved from the Verizon database are delivered to your device with no further provisioning required and at no additional cost. If no calling party name is returned from the Verizon database and you enabled Enhanced CNAM on your domain, Verizon queries a third-party database service for the name. You are billed for each Enhanced CNAM (ECNAM) query.

**REFER Config:** Allows you enable configurable refer. You can provision your SIP Transfers (e.g., RFC 3515 and RFC 3981) with or without a network BYE after the REFER by enabling configurable refer on the domain level. This capability helps you to ensure proper/optimal interface between IPCC services and your CPE, and more importantly, to ascertain the success, failure, and abandonment of your REFER Transfers (via NOTIFY Body Messages that include SIP error code and reason, such as Body: SIP 2/0 487 Request Terminated for a caller hang up.)

**Country Code:** Not populated for Inbound Domains

**CLID:** Not populated for Inbound Domains.

# IP Domain Inventory

## View IP Domain Details-Inbound

You can select the radio button to the left of the domain and More on the Floating Menu to View EURI, NCR, or Edit notes for the selected Domain.

The screenshot shows the 'Termination Inventory' page. At the top, there are filters for 'Customer ID' (5858212-INTERNAL\_IPCC\_VPD\_TEST) and 'Cross Customer ID'. Below this are tabs for 'Logical Terminations', 'Customer Service Ids', 'DAL Terminations', 'IP Terminations', 'IP Domains' (which is selected), and 'CSP Terminations'. A table lists several domains with columns: Domain, Bandwidth, CSI, Parent CSI, Status, E-CNAM, REFER Config, IP Originations, Country Code, and CLID. The first row is selected. A 'More' menu is open over the first row, showing options: 'Details', 'Change', 'Delete', 'More', 'Change for Parent CSI', 'Change', 'Show NCR', 'Show EURI', and 'Edit Notes'. The 'Show NCR' option is highlighted with a red box.

| Domain   | Bandwidth  | CSI      | Parent CSI | Status | E-CNAM   | REFER Config | IP Originations | Country Code | CLID     |
|--|------------|----------|------------|--------|----------|--------------|-----------------|--------------|----------|
| <input checked="" type="radio"/> ARS1.ARSVRD5.GLOBALPCOM.COM | 0000000012 | E0003959 | N9507743   | Active | Inactive | Inactive     | Active          | 001          | 71959515 |
| <input type="radio"/> ARS2.ARSVRD5.GLOBALPCOM.COM            |            |          |            |        |          |              |                 |              |          |
| <input type="radio"/> ARS3.ARSVRD5.GLOBALPCOM.COM            | 0000000000 | E0003941 |            | Active | Inactive | Inactive     | Active          | 001          | 71959515 |
| <input type="radio"/> ARS4.ARSVRD5.GLOBALPCOM.COM            | 0000000000 | E0003941 |            | Active | Active   | Inactive     | Active          | 001          | 71959515 |
| <input type="radio"/> ARS5.ARSVRD5.GLOBALPCOM.COM            | 0000000000 | E0003941 |            | Active | Active   | Inactive     | Active          | 001          | 71959515 |
| <input type="radio"/> ARS6.ARSVRD5.GLOBALPCOM.COM            | 0000000000 | E0003941 |            | Active | Inactive | Inactive     | Active          | 001          | 71959515 |

## Show NCR

Displays any NCR (Network Call Redirect) structures that are activated on the selected Domain. This is rarely used as Inline Overflow NCR in the routing plan is the suggested feature for automatic overflow.

The screenshot shows the 'NCR CSI Activation' page. At the top, there are filters for 'Customer ID' (5858212-INTERNAL\_IPCC\_VPD\_TEST) and 'CSI' (E0003940). Below this is a tab for 'NCR All Activations'. A table lists NCR structures with columns: CSI, Sbx, Lterm, NCRid, NCRDescription, and RNA Timer. The table is currently empty. Below the table is a pagination control with '10' items per page, 'First', '<', '1', '>', 'Last', and 'GO TO'. The page count is 'Page Count: 1 of 1' and the record count is 'Record Count: 1'.

| CSI | Sbx | Lterm | NCRid | NCRDescription | RNA Timer |
|-----|-----|-------|-------|----------------|-----------|
|     |     |       | 0     |                | 0         |

# IP Domain Inventory

## View IP Domain Details-Inbound

### Show EURI

Displays all of the Enhanced URI entries for the IP terminations built on this domain.

< Back

Customer ID  
5859212-INTERNAL\_IPCC\_VRD\_TEST

Create EURI

| <input type="checkbox"/> | Number     | Service Customer ID | Service ID | IP Term Name | User Override |
|--------------------------|------------|---------------------|------------|--------------|---------------|
| <input type="checkbox"/> | 8389101041 |                     | E0003940   | ARS2         | 12345         |
| <input type="checkbox"/> | 8440903180 |                     | E0003940   | ARS2         | 45643         |

10 | First | 1 | Last | 1 | GOTO

Page Count: 1 of 1 | Record Count: 2

### Edit Notes

Allows you to add or edit notes for the selected domain.

Terminations

Free Form Remarks Field

REMARKS:

Submit Cancel

IP Domain

| Domain                       | CSI      | In Use | Reuse Base | Override Che |
|------------------------------|----------|--------|------------|--------------|
| ARS2.ARSVRD5.GLOBALIPCOM.COM | E0003940 | No     | No Reuse   |              |
| ARS3.ARSVRD5.GLOBALIPCOM.COM | E0003941 | No     | No Reuse   |              |



# IP Domain Inventory

## View IP Domain Details-Outbound

If IP Originations are Active on the selected domain, that signifies that it is an IPCC outbound (e.g., *not* IP Trunking/VOIP) domain.

| Customer ID   | Cross Customer ID  | Logical Terminations | Customer Service Ids | DAL Terminations | IP Terminations | IP Domains   | CSP Terminations |              |          |
|---|--|----------------------|----------------------|------------------|-----------------|--------------|------------------|--------------|----------|
| 58583212-INTERNAL IPCC VRD TEST                               | Select   |                      |                      |                  |                 |              |                  |              |          |
| Domain  | Bandwidth  | CSI                  | Parent CSI           | Status           | E-CNAM          | REFER Config | IP Originations  | Country Code | CLID     |
| <input checked="" type="radio"/> ARS1.ARSVRD5.GLOBALIPCOM.COM | 0000000012   | E0009909             | N8567743             | Active           | Inactive        | Inactive     | Active           | 001          | 71959519 |
| <input type="radio"/> ARS2.ARSVRD5.GLOBALIPCOM.COM            | <a href="#">Details</a> <a href="#">Change</a> <a href="#">Delete</a> <a href="#">More</a> |                      | N8567744             | Active           | Inactive        | Inactive     | Inactive         |              |          |
| <input type="radio"/> ARS3.ARSVRD5.GLOBALIPCOM.COM            | 0000000000   | E0009941             | N8567745             | Active           | Inactive        | Inactive     | Active           | 001          | 71959519 |
| <input type="radio"/> ARS4.ARSVRD5.GLOBALIPCOM.COM            | 0000000000   | E0009942             | N8567746             | Active           | Active          | Inactive     | Active           | 001          | 71959519 |
| <input type="radio"/> ARS5.ARSVRD5.GLOBALIPCOM.COM            | 0000000000   | E0009944             | N8567748             | Active           | Active          | Inactive     | Active           | 001          | 71959519 |
| <input type="radio"/> ARS6.ARSVRD5.GLOBALIPCOM.COM            | 0000000000   | E0009943             | N8567747             | Active           | Inactive        | Inactive     | Active           | 001          | 71959519 |

Select the Radio Button and Details or Change for the IP Domain Details screen to display. The only change allowed on the screen is to modify the Country Code and Calling Line Identifier (CLID) which is the number that displays for outbound calls. Contact your account team to have Signing Enabled and Accept SHAKEN Identity added to a domain.

### Change IP Domain

|             |          |            |
|-------------|----------|------------|
| Customer ID | CSI      | Parent CSI |
| 58583212    | E0009943 | N8567747   |

|                              |            |
|------------------------------|------------|
| Domain                       | Bandwidth  |
| ARS6.ARSVRD5.GLOBALIPCOM.COM | 0000000000 |

|   |  |   |
|---|--|---|
| <input type="checkbox"/> E-CNAM                     | <input type="checkbox"/> REFER Config      | <input checked="" type="checkbox"/> IP Originations |
| <input checked="" type="checkbox"/> Signing Enabled | <input type="checkbox"/> Attestation Table | <input type="checkbox"/> Accept SHAKEN Identity     |

General Attestation Interface-Level Parameters

|                     |                         |
|---------------------|-------------------------|
| Valid NANP (CC=1)   | B - Partial Attestation |
| Invalid NANP (CC=1) | B - Partial Attestation |
| Other Numbers       | B - Partial Attestation |

|                     |            |
|---------------------|------------|
| Country Code        | CLID       |
| 001,USA/WORLD_ZONE1 | 7195951980 |

# IP Domain Inventory

## View IP Domain Details-Outbound

If IP Originations are Active on the selected domain, that signifies that it is an IPCC outbound (e.g., *not* IP Trunking/VOIP) domain.

### Signing Enabled

When checked, calls will automatically start being signed if the P-Asserted-Identity and To headers have user portion with +E.164.

**Change IP Domain**

|             |          |            |
|-------------|----------|------------|
| Customer ID | CSI      | Parent CSI |
| 58583212    | E0003843 | N8587747   |

Domain: ARS6.ARSVRD5.GLOBALIPCOM.COM      Bandwidth: 0000000000

E-CNAM       REFER Config       IP Originations       Accept SHAKEN Identity

Signing Enabled       Attestation Table

**General Attestation Interface-Level Parameters**

|                       |                         |
|-----------------------|-------------------------|
| Valid NANP (CC=1) ⓘ   | B - Partial Attestation |
| Invalid NANP (CC=1) ⓘ | B - Partial Attestation |
| Other Numbers ⓘ       | B - Partial Attestation |

**General Attestation Interface-Level Parameters:** When signing is enabled, the attestation level will display for each of the 3 levels.

**Valid NANP (CC=1):** The attestation level specified (A, B, or C) will be used in the creation of the SHAKEN Identity if the number in the P-Asserted Identity header includes a Country Code 1 and the number matches a valid North American Numbering Plan (NANP) format: e.g. - valid Area Code (NPA) and Exchange (NXX).

**Invalid NANP (CC=1):** The attestation level specified (A, B, or C) will be used in the creation of the SHAKEN Identity if the number in the P-Asserted Identity header includes a Country Code 1 and the number does not match a valid North American Numbering Plan (NANP) format: e.g. - valid Area Code (NPA) and Exchange (NXX).

**Other Numbers:** The attestation level specified (A, B, or C) will be used in the creation of the SHAKEN Identity if the number in the P-Asserted Identity header includes anything other than a Country Code 1 plus 10 digits.

# IP Domain Inventory

## View IP Domain Details-Outbound

### Accept Shaken Identity

Checking this box results in the network sending the SHAKEN Identity (when available) to the customer's termination. "SHAKEN Identity" specifically means an Identity Header with the PASSporT extension type (ppt) shaken. Verizon recommends leaving this box unchecked if the customer does not utilize the SHAKEN Identity. This box can only be selected by internal Verizon.

**Caution:** Inclusion of a SHAKEN Identity (typically around 500 bytes) can significantly increase the size of a SIP INVITE which could cause problems if large packets and/or fragmenting are not supported in the customer's network.

The screenshot shows a configuration page titled "View IP Domain Details" with a "Back" link. The page is divided into several sections:

- Customer ID:** A table with three columns: Customer ID (58583212), CSI (E0003839), and Parent CSI (N6587743).
- Domain:** A text input field containing "ARS1.ARSVRD5.GLOBALIPCOM.COM".
- Bandwidth:** A text input field containing "0000000012".
- Configuration Options:** A grid of checkboxes including "E-CNAM", "REFER Config", "IP Originations" (checked), "Signing Enabled" (checked), "Attestation Table", and "Accept SHAKEN Identity" (unchecked). The "Accept SHAKEN Identity" checkbox is highlighted with a red rectangular box.
- General Attestation Interface-Level Parameters:** Three rows, each with a label (Valid NANP (CC=1), Invalid NANP (CC=1), Other Numbers) and an information icon, followed by a "B - Partial Attestation" text input field.

# CSP Terminations

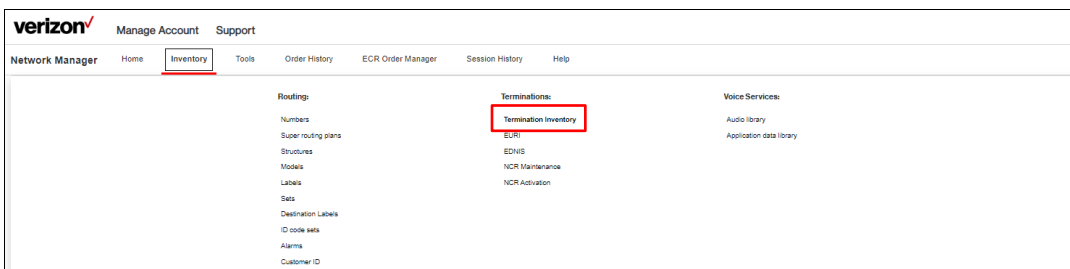
**Cloud Service Provider (CSP)** terminations are terminations that allow customers to route their traffic directly to a contact center solution partner. Examples of CSP include but are not limited to:

- Virtual Contact Center
- VoIP Inbound Anti-Fraud and Authentication (VIAA)
- Genesys Cloud
- Voice Callback (VCB) Cloud

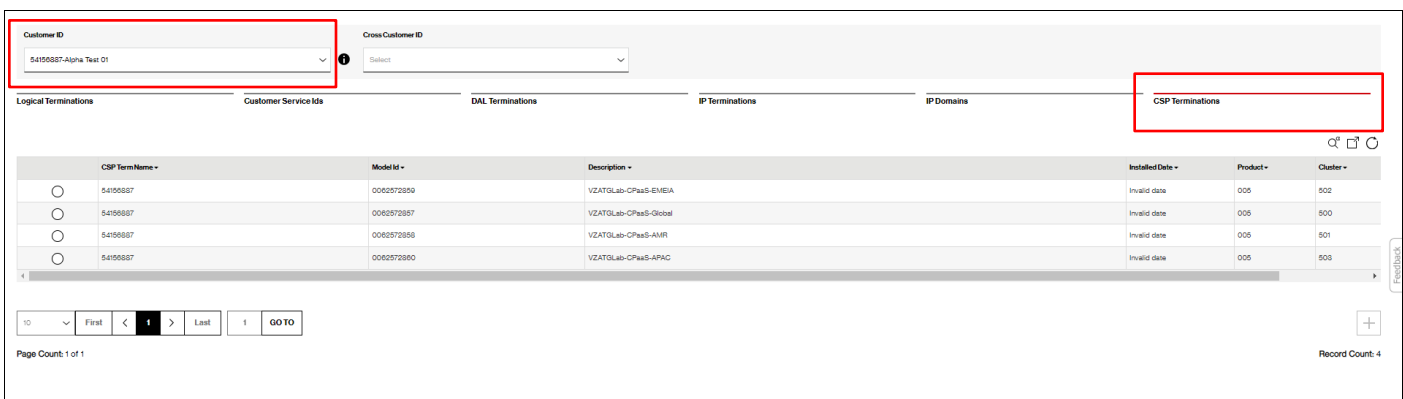
## View CSP Termination Details

To navigate to CSP Terminations:

1. Inventory/Termination Inventory



2. Select a Customer ID from the drop-down list
3. Select the CSP Terminations tab



# CSP Terminations

Select the radio button and Details to View the details of the CSP, which also display in the columns when viewing your CSP termination list. You can also select Used By to view a list of routing plans that contain the selected CSP.

Termination Inventory

Customer ID: 54595807-Alpha Test 01

Cross Customer ID: Select

Logical Terminations | Customer Service Ids | DAL Terminations | IP Terminations | IP Domains | **CSP Terminations**

| CSP Term Name                             | Model ID  | Description           | Install Date | Product | Cluster |
|---|---|-----------------------|--------------|---------|---------|
| <input checked="" type="radio"/> 54595807 | 0093572890  | VZATSLab-CPaaS-EMEA   | Install date | 005     | 802     |
| <input type="radio"/> 54595807            | <a href="#">Used By</a> <a href="#">Details</a> <a href="#">Edit Name</a> | VZATSLab-CPaaS-Globel | Install date | 005     | 800     |
| <input type="radio"/> 54595807            | 0093572896  | VZATSLab-CPaaS-AJRP   | Install date | 005     | 801     |
| <input type="radio"/> 54595807            | 0093572890  | VZATSLab-CPaaS-APAC   | Install date | 005     | 803     |

**CSP Term Name:** The name given to the CSP term, usually a numeric value.

**Model ID:** The ID the mainframe assigns to the CSP termination.

**Description:** The useful description name of the CSP termination. This is what displays when you view your CSP termination in a route plan.

**Install Date:** May populate with the date the CSP term was installed.

**Product:** The product ID assigned to the CSP.

**Cluster:** The cluster identifier assigned to the CSP.