



# PE TM Chain Creation

User Manual  
For Enterprises & Telemarketers

## Overview

This document outlines the necessary steps required for PE – TM chain creation on DLT for Enterprises, Telemarketers for Aggregation Function (TM-AF) as well as Telemarketers for Delivery Function

The Chain can be initiated on any DLT by an enterprise. The TM’s will need to login to the respective DLT Portal to approve or reject the request. The TM’s which are not directly mapped to the same DLT as enterprise, will be given option to login to the DLT portal with limited access to access PE – TM Chains.

The chain has to be approved at all stages by all respective stakeholders like TM-AF as well as TM-DF. The Selection of TM-DF will mark the end of chain and it will be assumed that traffic will be submitted by TM-DF to the Telco DLT Network. Once the TM-DF is marked in the chain and its accepted by the TM-DF, a final request will go to PE for the approval of end to end chain.

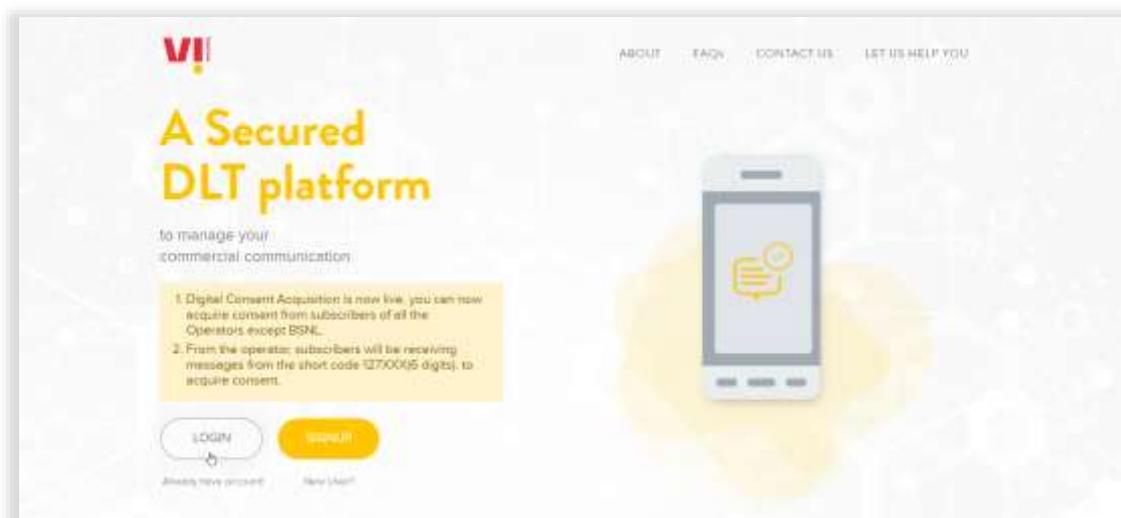
PE as well as TM-AF are required to choose only the next hop to whom the traffic is being directly submitted. TM-DF will have no option to choose any next hop.

PE shares its entity ID, and TM-AFs has to share TM ID with comma separated, and TM-DF will share it’s TM ID with comma separated for that chain, while submitting the SMS.

TM-DFs are required to generate hash and submit the same in the TLV parameter, the process for which will be shared separately with all TM-DF.

## Enterprise Login

1. To initiate the chain, enterprise needs to login to DLT and initiate a chain on DLT Portal. Go to <https://www.vilpower.in/> and Click on Login



## 2. Select Login as Enterprise and Click on NEXT

A secured DLT platform to manage your commercial communications

**Enterprise**  
A commercial business (individual or company) dealing with products or services, who would like to communicate with their customers through SMS or voice.

**Telemarketer**  
**Telemarketer Aggregator:** An individual or a company who collects SMS/voice traffic from enterprises, but **DO NOT** have direct connection with telecom operator.  
**Telemarketer Delivery:** An individual or a company who collects SMS/voice traffic from enterprises, and has direct connection with telecom operator.

Please contact our Support Team before the sign up process, in case you are confused to choose as Enterprise or Telemarketer.  
Phone: +91-9619 500 900 (10AM to 5PM - Monday to Friday) | Email: support@vilpower.in

### Select your Area of Operation

except

As Enterprise [View Details](#)

As Telemarketer [View Details](#)

As Mobile Subscriber [View Details](#)

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## 3. Enter your Email Address and password

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### Enterprise Login

Enter your email address

jurushotham1@gmail.com

Password

\*\*\*\*\*

Remember Me

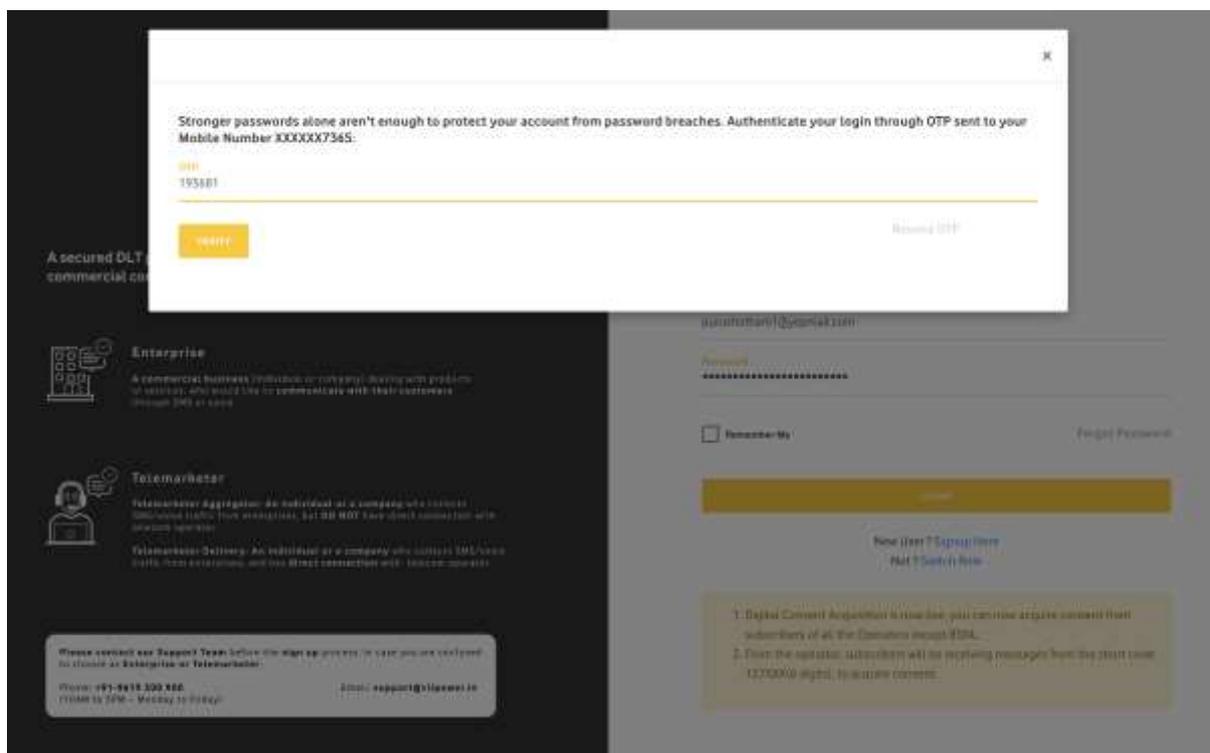
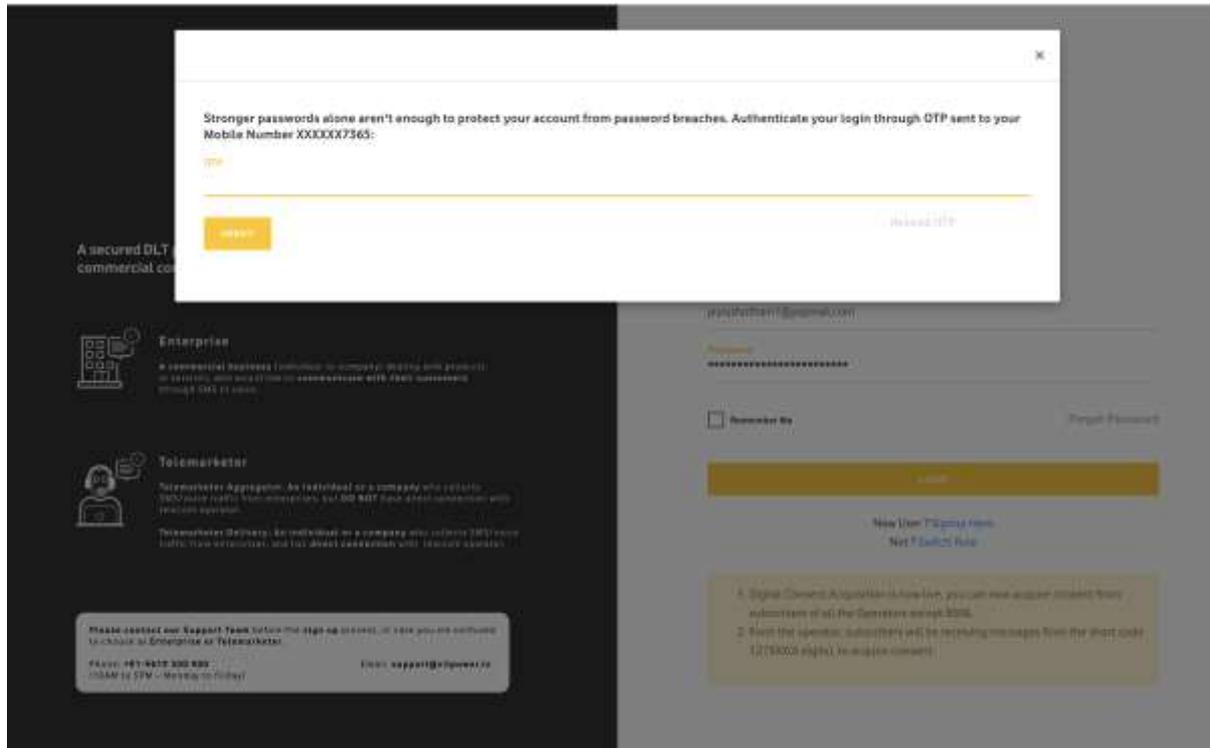
[Forgot Password](#)

[New User? Sign Up Here](#)

[Not? Switch Role](#)

1. Digital Content Acquisition is now live, you can now acquire content from subscribers of all the Operators except ESPEL.
2. From the operator, subscribers will be receiving messages from the short code 127XXXXX Digital, to acquire content.

4. Enter the OTP received on your registered Mobile number and click Verify



- On the DLT Home page, you will see the option of Chains, Click on chains option and further click on “New Chain” tab

Chain ID	Chain Name	Created On	First Telemarketer Name	First Telemarketer ID	Number of TMs	Approval Status	Status	Actions
1115172958091568891	Widerchain2	22-Oct-2024 17:05:56	TMAIone	1102386580000002515	1	Approved	Active	
11151729580928813792	Widerchain1	22-Oct-2024 16:34:48	Widerchain1Prest	140242075000000182	1	Pending	Active	
111517295809491722	Regulationchain2	22-Oct-2024 15:08:11	TMAIone	1102420590000002516	2	Approved	Active	
1115172958094881881	Regulationchain1	22-Oct-2024 14:54:25	BroWiseATM	140242670000000183	1	Approved	Active	
1115172958213573285	PE Rejected Case	22-Oct-2024 12:58:56	TMAIone	1102386580000002515	3	Rejected	Active	
1115172958135894002	Rejected Case New	22-Oct-2024 12:45:59	TMAIone	1102386580000002515	4	Rejected	Active	

## 6. Chain initiation Page

**Chain Initiation Details.**  
Add the details here:

Chain Name\*

Select Telemarketer:

Telemarketer Name

Telemarketer ID

Telemarketer Type

As per TRAI mandate, all the messages sent by Enterprises must be traceable.

Please choose you need Telemarketer, A chain will be complete once a Telemarketer Delivery accepts the chain.

7. Enter a name to the chain, search TM-AF or TM-DF (to whom the traffic is delivered directly by the Enterprise) and submit the request,

**Chain Initiation Details:**  
Add the details here:

Sample Chain

1102574430000002522-TMAFseven

TMAFseven

1102574430000002522

Telemarketer Aggregator

As per TRAI mandate, all the messages sent by Enterprises must be traceable.  
Please choose your next Telemarketer. A chain will be complete once a Telemarketer Delivery accepts the chain.

8. Chain Home page will show the request pending as its pending with the TM to approve chain initiation request.

Showing results in between the dates: August 1, 2019 - October 23, 2024

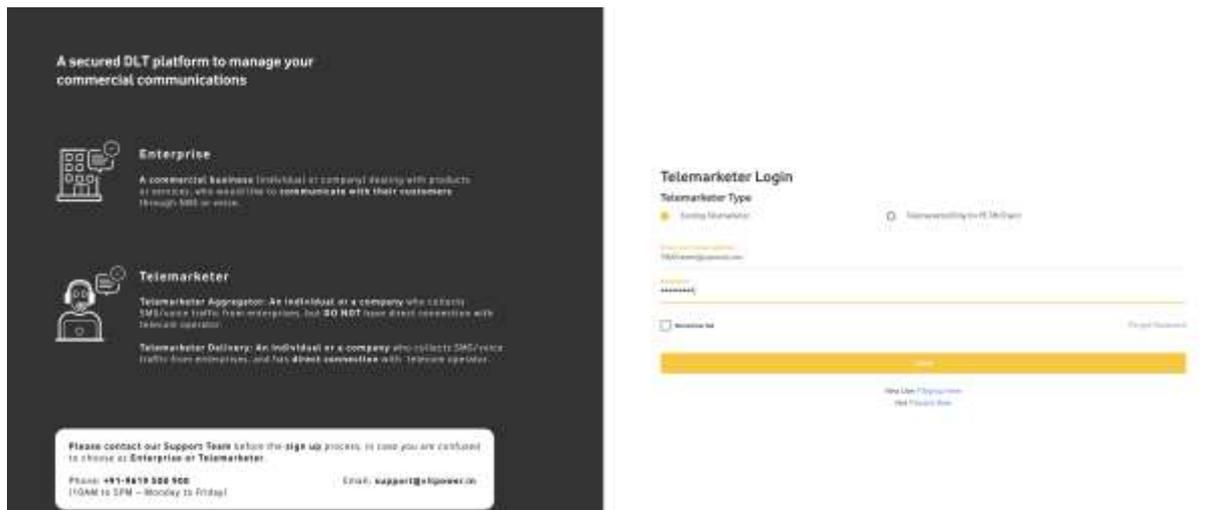
Select Telemarketer: All | All |

Chain ID	Chain Name	Created On	First Telemarketer Name	First Telemarketer ID	Number Of TMs	Approval Status	Status	Actions
1115172966734181321	Sample Chain	23-Oct-2024 12:42:23	TMAFseven	1102574430000002522	1	Pending	Active	<input type="button" value="edit"/> <input type="button" value="delete"/>

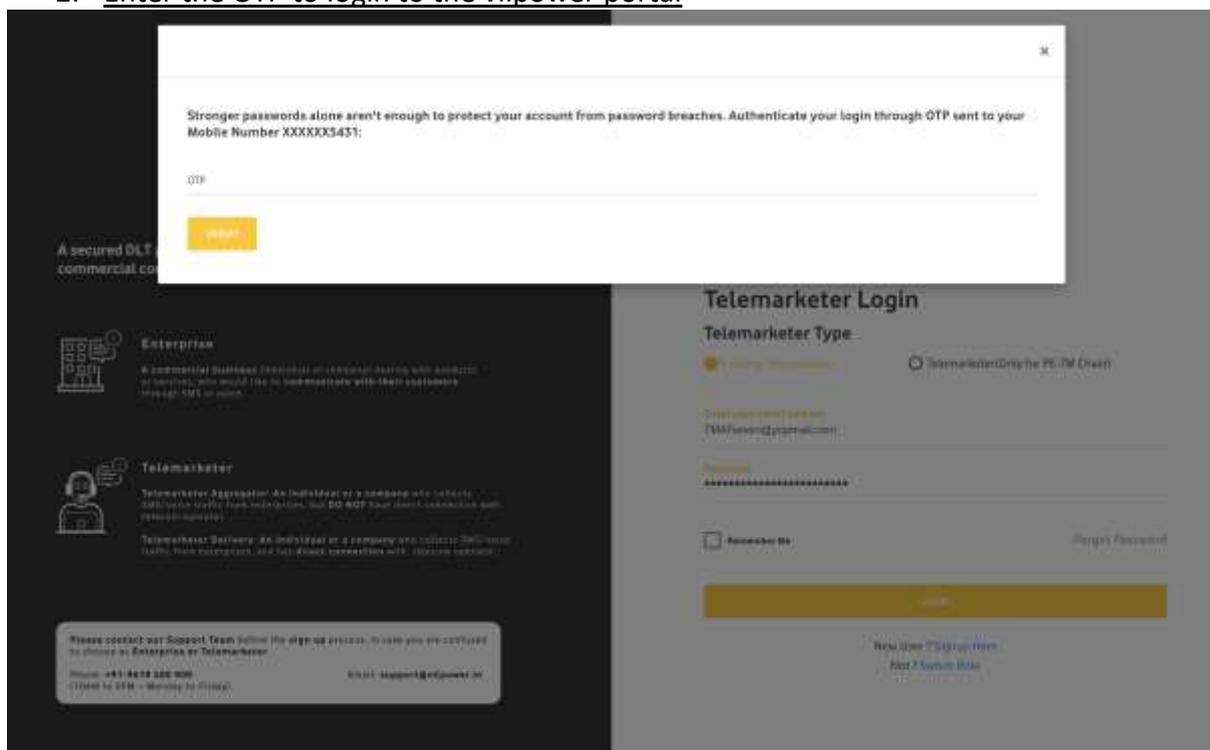
9. TM(who are registered on VILPOWER) will receive a mail notification to their registered mail ID, to act on the PE TM chain.

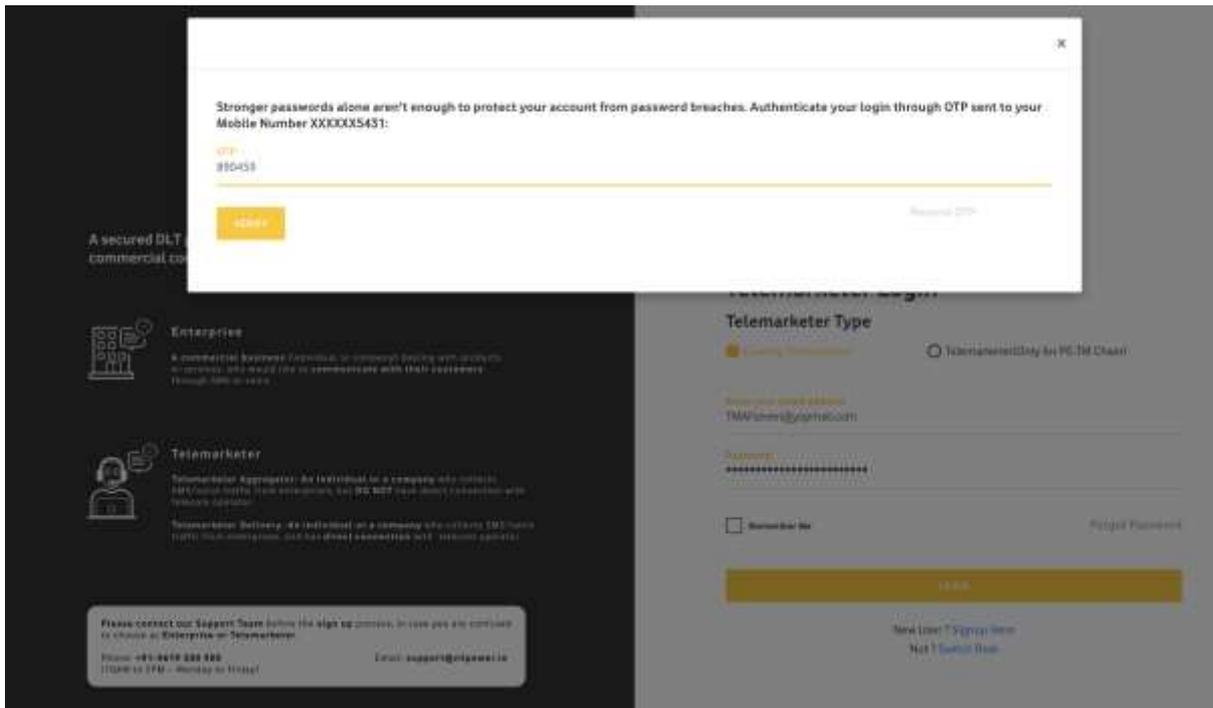
## TM – Aggregator Login

- For TM with existing credentials with vilpower, choose existing telemarketer for login and enter email and password. TM will receive a mail notification to their registered mail ID, to act on the PE-TM chain.  
 TM with existing relation with have access via regular login, while TM with no relation to Vilpower will have limited access with Telemarketer (only for PE-TM chain)



- Enter the OTP to login to the vilpower portal





- For TM with no existing relationship with vilpower portal, pl choose TM (only for PE-TM chain)



### Telemarketer Login

#### Telemarketer Type

Existing Telemarketer

Telemarketer Only for PE-TM Chain

Enter your TMD to verify and login. We'll send OTP to your registered email and phone

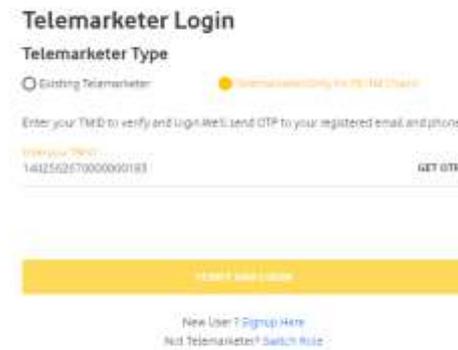
Enter your TMD

TMDXXXX@vilpower.com

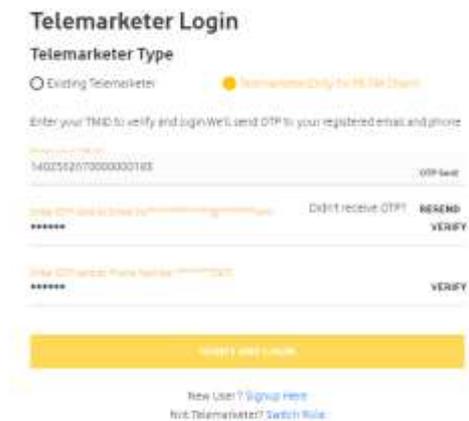
[Sign Up](#)

[New User? Sign Up Here](#)  
[Not Telemarketer? Select Role](#)

4. Pl enter the Telemarketer ID issued by the DLT eco system



5. Enter the OTP triggered to the both registered Mobile Number and Email id which will be used to two factor authentication to the Vilpower Portal



## 6. Verify and login to the vilpower Portal

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Please contact our Support Team before the sign up process, in case you are confused to choose an Enterprise or Telemarketer.

Phone: +91-9419 888 900 | Email: support@vilpower.in

### Telemarketer Login

#### Telemarketer Type

Existing Telemarketer

New User Only for PE-TM Chain

Enter your TMID to verify and login We'll send OTP to your registered email and phone

Enter your TMID:  [Get SaaS](#)

Phone:  Didn't receive OTP? [RESEND](#) Verified

Phone:  Verified

[VERIFY AND LOGIN](#)

New User? [Sign up Here](#)  
Not Telemarketer? [Switch Role](#)

- Click on chain option on the home page & View all Pending and approved request on the Chain Home Page and click on Action to take next steps  
TM with only PE-TM Chain only option will only have access to view, declare, accept/reject chains

The screenshot shows the 'PE-TM BINDING' section of the VI Business portal. It includes a search bar for 'Chain ID' and a table with the following data:

Chain ID	Chain Name	Requester Type	Requester Name	Requester ID	Date Requested	Next Telemarketer Name	Chain Status	Status	Actions
11117296734181321	Simple Chain	PE	Priso Business	110143046000002350	23-Oct-2024 12:42:22	-	Pending	Active	<a href="#">View</a>
11113172959216740907	TestFinalChain	PE	Perestanding	1101103477000002124	22-Oct-2024 16:16:08	-	Pending	Active	<a href="#">View</a>
111172958948011257	RequestForVoiceHeaders	PE	VjKempokrene	110144440000002301	23-Oct-2024 15:01:01	-	Pending	Active	<a href="#">View</a>

Showing 1 to 3 of 3 entries. [Previous](#) [Next](#)

- Check the request from PE or TM-AF & Choose next TM-AF or TM-DF to move the chain further. To Reject the request from PE, click on Reject

**Chain Mapping Request**

Chain ID	Chain Name	Requester Type	Requester Name	Date Requested	Date Actioned	Next TM Name	Chain State	Status
1115172966754181321	Sample Chain	Enterprise	prmo business	2024-10-23 12:42:22	NA	NA	Ready	Active

**Distribution Mapping Lineage**

Here is the TM that you are being mapped by. Please check and Add next Telemarketer to the chain.

Entity type: Enterprise

Entity type: Telemarketer Aggregator

```

graph LR
    A["prmo business  
(110143046000002390)"] --> B["TMAFover  
(110237443000002522)"]
    
```

Requested on: 2024-10-23 12:42:22

Business Justification: NA

**Add next Telemarketer**

The chain will be connect to the telemarketer you have selected.

110253902000002508-tndfvoice

tndfvoice

110253902000002508

Telemarketer Delivery

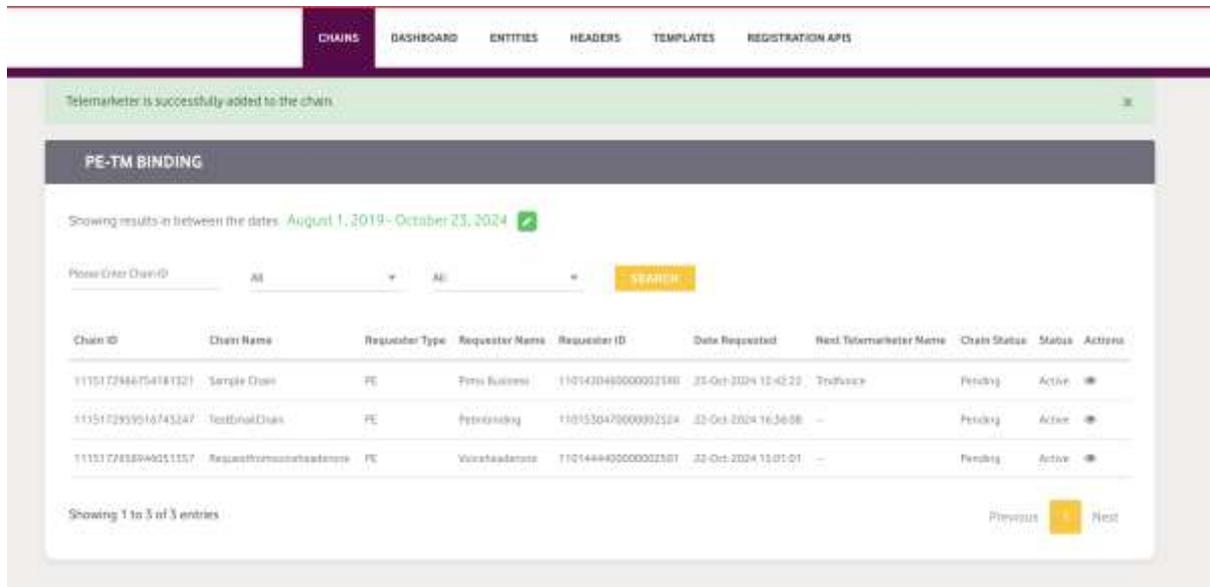
**REJECT** **CONFIRM**

Are you sure you want to add this Telemarketer?

**CANCEL** **CONFIRM**

The background interface is dimmed, showing the same 'Chain Mapping Request' details as the previous screenshot.

- Only the TM-AF or TM-DF is chosen, it will show in pending state with Telemarketer name in Next TM Name.



- Suitable Justification is mandatory for adding more than 3 TM-AF in the chain

## TM – Delivery Function Login

1. Login with existing credentials or with login only for PE TM Chain creation on the VILpower portal



### Telemarketer Login

#### Telemarketer Type

Existing Telemarketer

Telemarketer(Only for PE-TM Chain)

Enter your email address

tmfvoce@gmail.com

Password

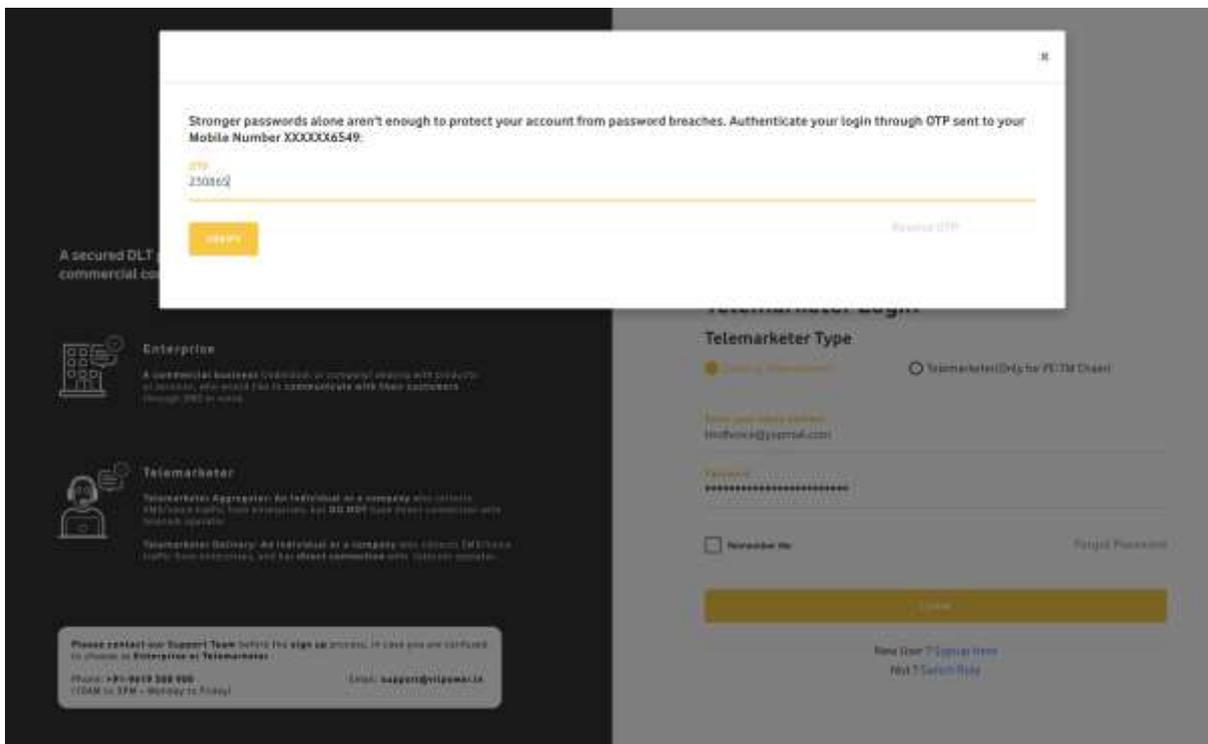
\*\*\*\*\*

Remember Me

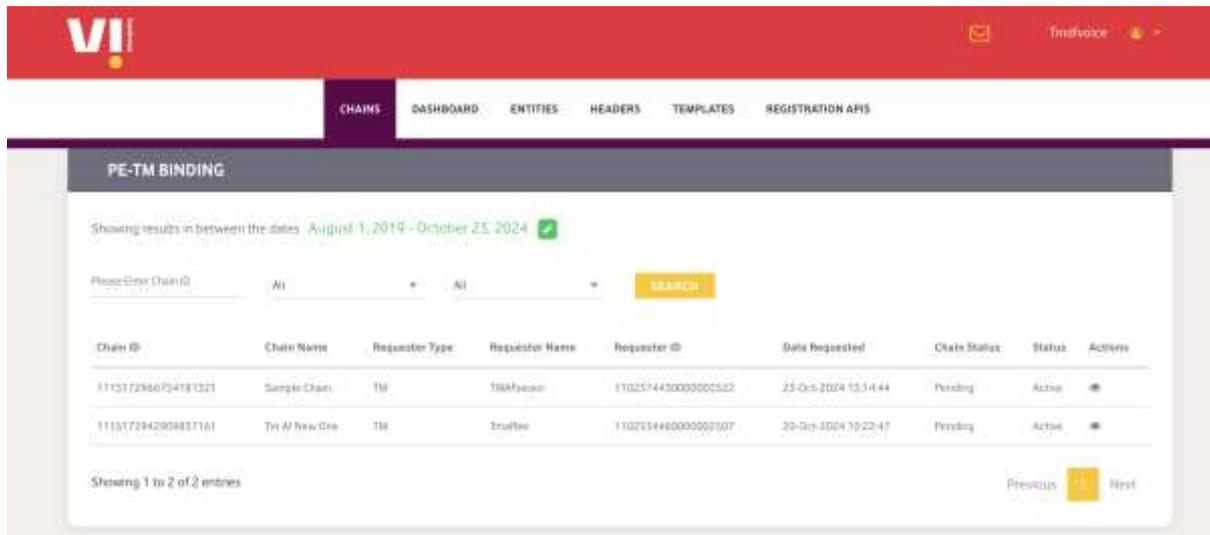
[Forgot Password?](#)

LOGIN

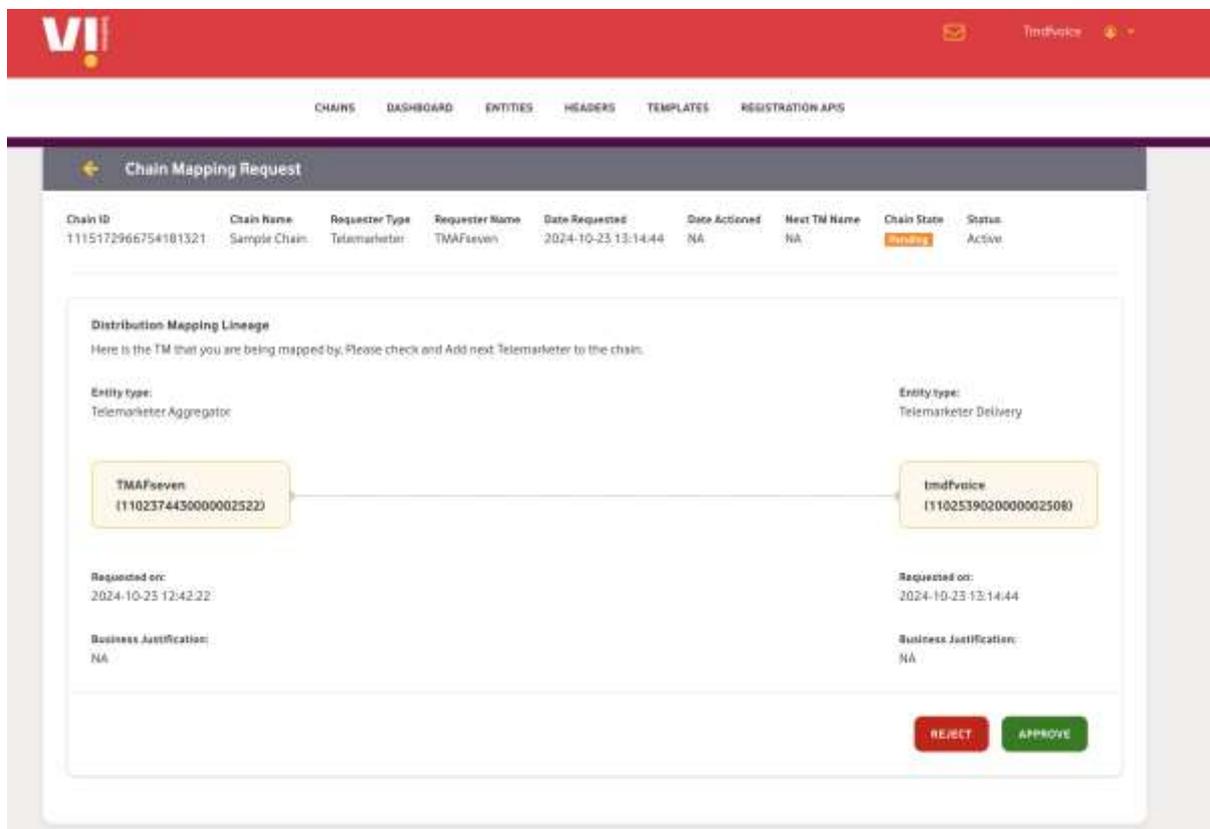
[New User? Signup Here](#)  
[Not? Switch Role](#)

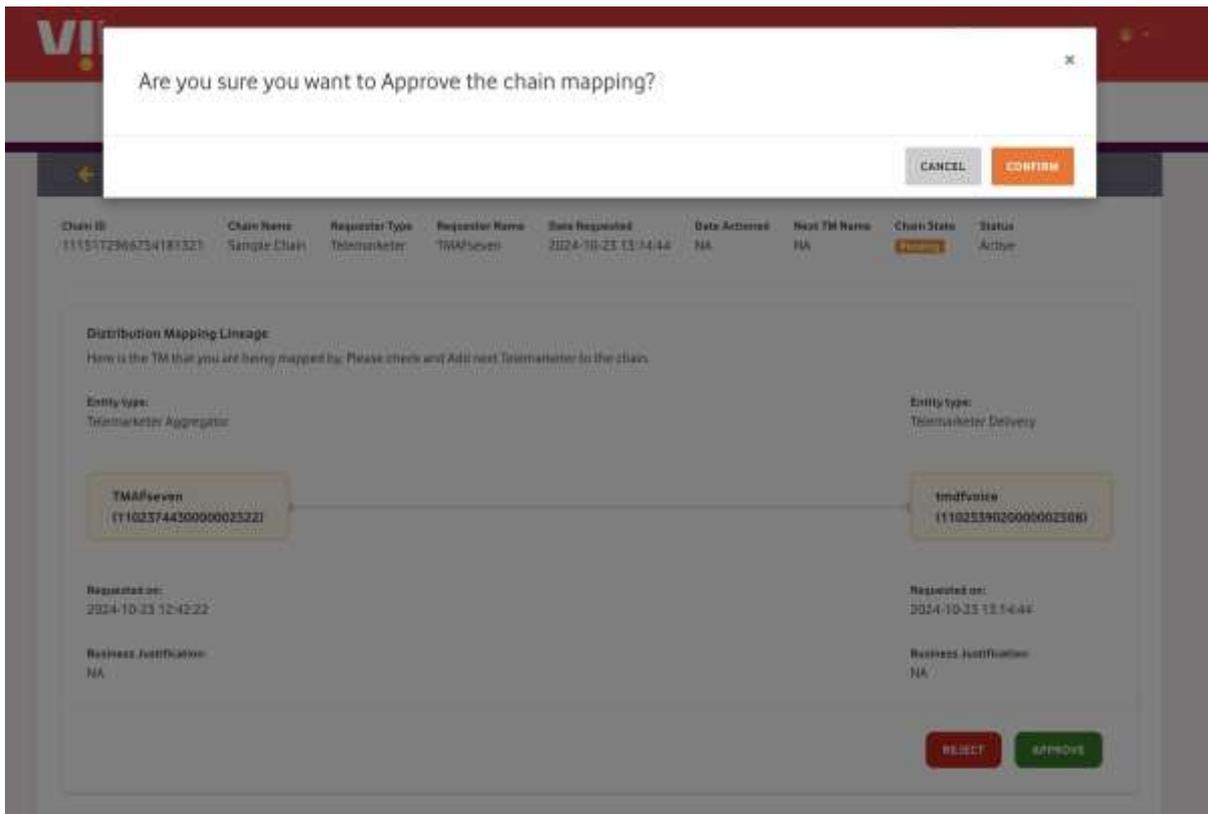


2. Click on chains option to view the active and pending chain requests and click on actions for taking action on chains.

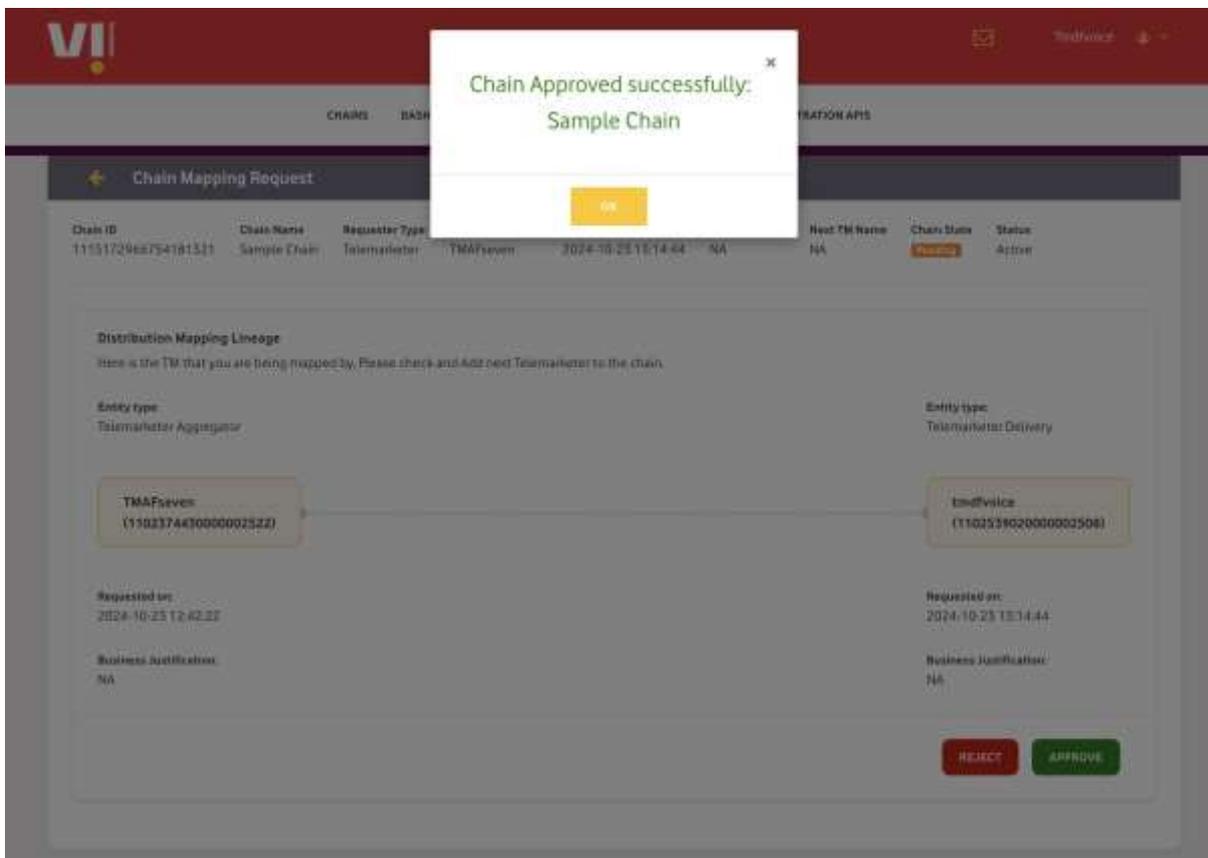


3. View the request and approve and reject the request.
  - a. Pl note that TM DF will have no visibility of PE in case the request has been raised by TM-AF
  - b. TM-DF cannot choose further TM-DF, as there is only single TM-DF allowed in the chain.





- Post Chain approval, it will go to home page of chains in pending state where final approval will be given by PE for complete chain.



## Enterprise Login

1. Click on actions to view pending chain requests

PE-TM BINDING + NEW CHAIN

Showing results in between the dates **August 1, 2019 - October 23, 2024** ✔

Select Telemarketers: All All SEARCH

Chain ID	Chain Name	Created On	First Telemarketer Name	First Telemarketer ID	Number Of TMs	Approval Status	Status	Actions
1115172966754181321	Sample Chain	23-Oct-2024 12:42:22	TMAFseven	1102374430000002522	2	Pending	Active	

2. View the entire chain end to end and click to approve or reject

← Chain Mapping Request

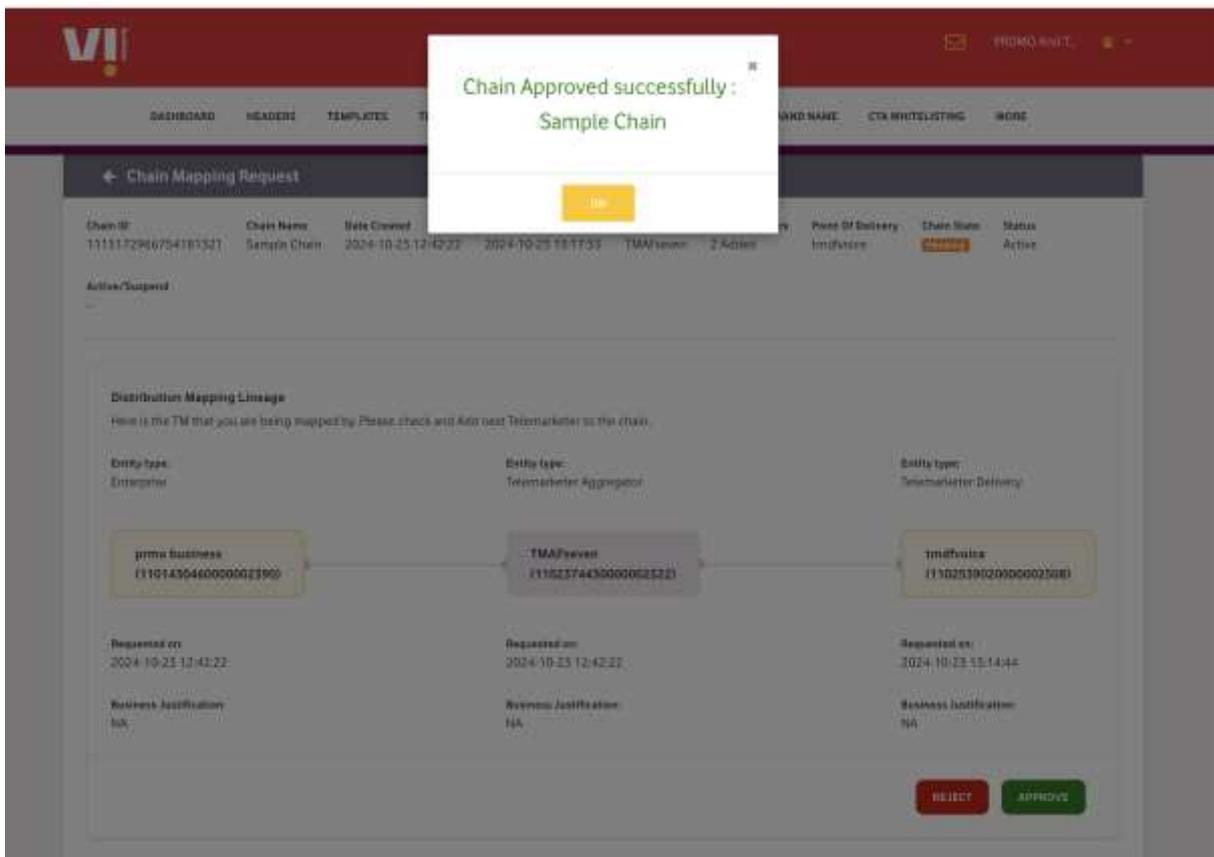
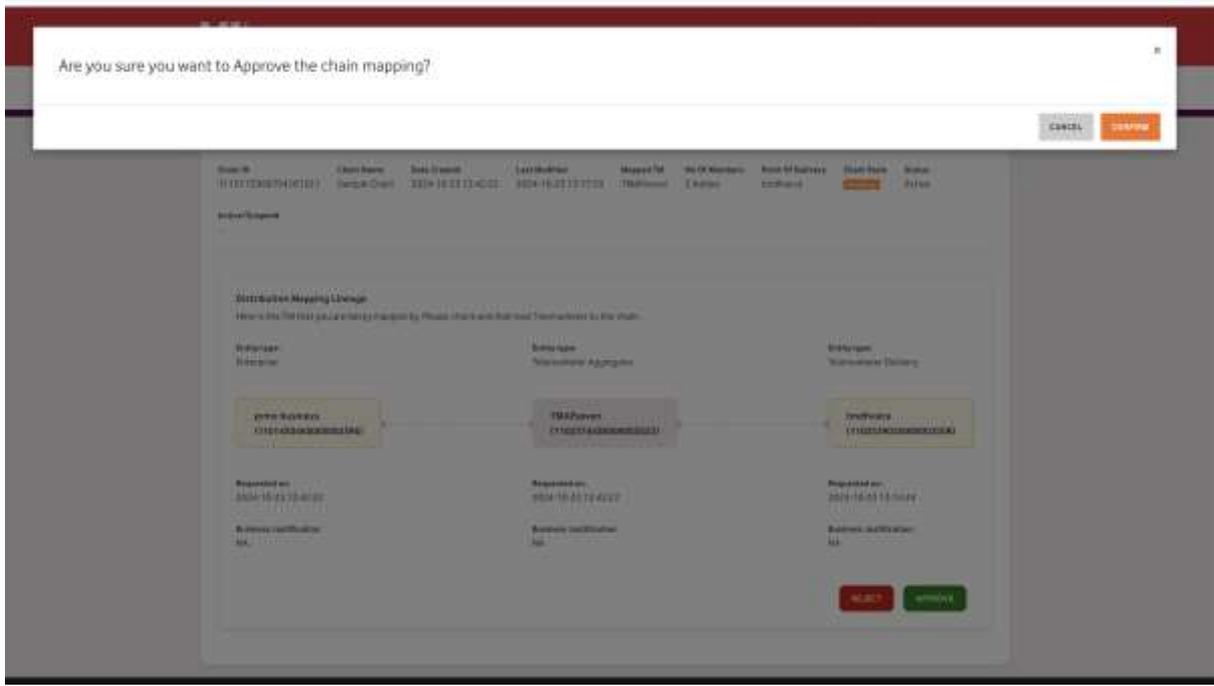
Chain ID	Chain Name	Date Created	Last Modified	Mapped TM	No Of Members	Point Of Delivery	Chain State	Status
1115172966754181321	Sample Chain	2024-10-23 12:42:22	2024-10-23 13:17:55	TMAFseven	2 Added	tmdfvoice	Pending	Active

Active/Suspend

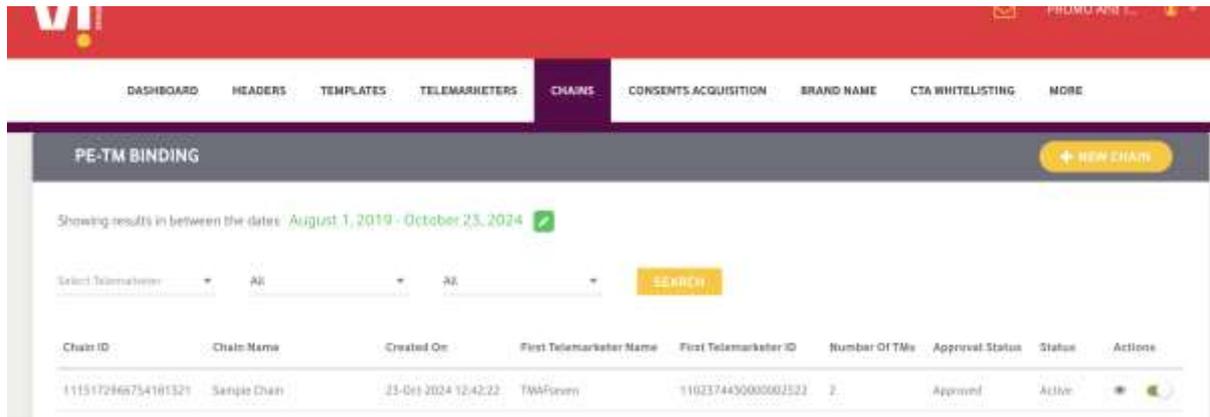
**Distribution Mapping Lineage**  
Here is the TM that you are being mapped by, Please check and Add next Telemarketer to the chain.

Entity type:	Entity type:	Entity type:
Enterprise	Telemarketer Aggregator	Telemarketer Delivery
prmo business (1101430460000002390)	TMAFseven (1102374430000002522)	tmdfvoice (1102539020000002508)
Requested on: 2024-10-23 12:42:22	Requested on: 2024-10-23 12:42:22	Requested on: 2024-10-23 13:14:44
Business Justification: NA	Business Justification: NA	Business Justification: NA

REJECT APPROVE



- Once the chain is approved, it will be available on the home page of Enterprise as a approved chain



The screenshot shows the 'PE-TM BINDING' section of the VI Enterprise interface. It includes a navigation menu with options like DASHBOARD, HEADERS, TEMPLATES, TELEMARKETERS, CHAINS, CONSENTS ACQUISITION, BRAND NAME, CTA WHITELISTING, and MORE. The main content area displays a search filter for dates from August 1, 2019, to October 23, 2024, and a table of chains.

Chain ID	Chain Name	Created On	First Telemarketer Name	First Telemarketer ID	Number Of TMs	Approval Status	Status	Actions
1115172966754181321	Sample Chain	23-Oct-2024 12:42:22	TMAForum	1102374430000002322	2	Approved	Active	 