

A guide to setting Up Nexmo Transport on the Core and with the Userportal as the client. First deploy the core on your local server. Once running open the server tab and add a new server

**Transport>General**

Please enter the details for the various transports. Transports are used to send security strings and alerts to users. To enable one complete all the available fields.  
**Warning:** Changing the identifier of a transport that is in use will result in the loss of configuration and any queued messages.

Transports:

- Voice
- SMTP
- AQL
- GSM Modem
- Ckcatell
- txtTools
- Itago
- ValueFirst
- Macrobios
- m6iles
- svedTransport
- 

Identifier:

Class:

Strings per message:

Copy to alert transport:

Destination attribute:

Strings Repository Group:

Alert repository group:

[transport\_general\_classes\_twowaygroup]:

Next we need to setup some of the NexMoVoice transport attributes, under Transport/NexmoVoice.

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### Transport>NexmoVoice

[transport\_nexmo\_intro]

[transport\_nexmo\_timeout]:

[transport\_nexmo\_prompt]:

[transport\_nexmo\_nexmomessageurl]:

[transport\_nexmo\_nexmoprompturl]:

[transport\_nexmo\_nexmocallback]:

[transport\_nexmo\_nexmoapikey]:

[transport\_nexmo\_nexmoapisecret]:

[transport\_nexmo\_nexmodigits]:

[transport\_nexmo\_credentialsmsg]:

[transport\_nexmo\_codesheader]:

[transport\_nexmo\_stringsheader]:

[transport\_nexmo\_stringheader]:

[transport\_nexmo\_stringdelimiter]:

[transport\_nexmo\_verticalstrings]:

[transport\_nexmo\_pinexpirymsg]:

[transport\_nexmo\_pinchangerequiredmsg]:

[transport\_nexmo\_pinchangedmsg]:

[transport\_nexmo\_pinlockedmsg]:

Here  
Here's what we set:

Attribute	Value	Explanation
timeout	180000	The timeout allowed for a request
prompt	Enter your one-time code:bye	What is said to the user by Nexmo
nexmomessageurl	https://rest.nexmo.com/tts/xml	Text to speech url on nexmo servers
nexmoprompturl	https://rest.nexmo.com/tts-prompt/xml	A message to prompt user to say something
nexmocallback	http://83.105.30.10:8080/pinsafe/nexmoinbound	Call back url calling our nemo inbound

		object
Nexmoapikey	9add5bc5	Api key
Nexmoapisecret	***** (Ask Chris or Syed)	Api password

next configuration for the swivel core is to configure the dual channel for the new voice transport we have just added. Open the Server/Dual channel

There are 2 RULES for voice transport channel. Match and Message

**MATCH:** When In Bound OTC rule on the dual channel config page is set to **MATCH** then the OTC field on the user portal should be set to the users OTC (not the long session id auto populated) and also the user should enter the same OTC into the phone when prompted.

**MESSAGE:** When In Bound OTC rule on the dual channel config page is set to **MESSAGE** then the OTC field on the user portal should left with the long session id that is auto populated. Then the user should enter the their OTC into the phone when prompted.

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### Server>Dual Channel 🔒

Please select whether dual channel security string messages are delivered preemptively or on demand at the point of authentication.

On-demand authentication:	No ▾
On-Demand Delivery:	Yes ▾
Allow message request by username:	Yes ▾
Allow alternative usernames:	No ▾
Verification Mode:	Standard - OTC ▾
Alternative username attributes:	<input type="text"/>
Multiple authentications per String:	No ▾
Confirmation image on message request:	Yes ▾
In Bound OTC Rule:	Match ▾
[server_dualchannel_inboundconfirmkey]:	<input type="text" value="123"/>
[server_dualchannel_inboundcallgap]:	<input type="text" value="10"/>
In Bound SMS Timeout (ms):	<input type="text" value="500"/>

Last configuration for the core is to add the user group i.e pinsafeUsers to the telephony groups. Goto Repository/groups, make sure you check the telephony box on the correct group.

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### Repository > Groups

Please enter the repository group information to be used by the Swivel server.  
This includes group privileges and Active Directory/LDAP definition. For XML repository, please copy the group name into the definition.

	Single	Dual	Telephony	Mobile Client	Admin	Helpdesk	PINless	OATH
Name: PINsafeUsers	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Definitions:								
syedRepo: PINsafeUsers								
adtest: CN=Users,OU=testing,DC=test,DC=local								
localSimpleldap: cn=pinsafe,ou=groups,ou=system								
<input type="button" value="Delete"/>								
Name: PINsafeAdministrators	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Definitions:								
syedRepo: PINsafeAdministrators								
adtest:								
localSimpleldap:								
<input type="button" value="Delete"/>								
Name:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Definitions:								
syedRepo:								
adtest:								
localSimpleldap:								
<input type="button" value="Delete"/>								

That's all we should need to do for the Swivel Core. Next we will deploy the Userportal and use this to test the nexmo voice transport we have just configured.

Setting up the UserPortal to communicate with the core.

Download the user portal to eclipse, open the main/js/ajax.js file and make sure the top line has the serverContext variable set

`var serverContext = http://localhost:8080/pinsafe`

build and deploy the userportal then open the webpage userportal/telephonylogin now test the login on this page. Use both match and message options to test.