

FREQUENTLY ASKED QUESTIONS

ETERNITY PE/GE/ME/LE, SPARSH M2S

What
When
Which
Where
How
Who
Why



Date: 16th January 2015

Version: V1R1

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How to send SMS over IP?

System Details
System : ETERNITY GE - V12R4.1.0
System Command : V01R00

Slot No.	Card Type	Firmware						
	Master/CPU	V12R04.1						
2	VMS16	V06R09.01						
3	CO4 SLT16	V03R00						
4	CO2 DKP2 SLT16	V03R00	V02R02	N.A.	7	1	20	
5	MOBILE4	V01R00	V01R04	N.A.	9	1	4	
6	VoIPServer 16CH	V02R05					16	
7	CO8 SLT8	V03R00					16	
8	E&M4	V03R00					4	
9	T1E1 SINGLE	V01R00					32	
11	T1E1 SINGLE	V01R00	V01R05	N.A.	21	1	32	
	SWITCH	V00R10	V01R04	N.A.	25		2	
	SMS Server	V01R05	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

ETERNITY Version Revision Must be V11 or above for SMS Over IP to work

Compatible SMS server firmware must be installed in ETERNITY

Step1: Enable SMS Over IP flag under VoIP Configuration → SIP Extension Settings → Location Settings (i.e. 1, 2 or 3)

SIP Extension Settings
SIP Extension: 1

SIP Extension - 1
Location-1

Enable Matrix Extended Phone Mode

Extended Phone Type: SPARSH MS

MAC Address/IMEI/ESN Number: D610478FBE174D7

Internal Registrar Server Address: Use WAN Port IP Address

External Registrar Server Address: Use WAN Port IP Address

Language: English

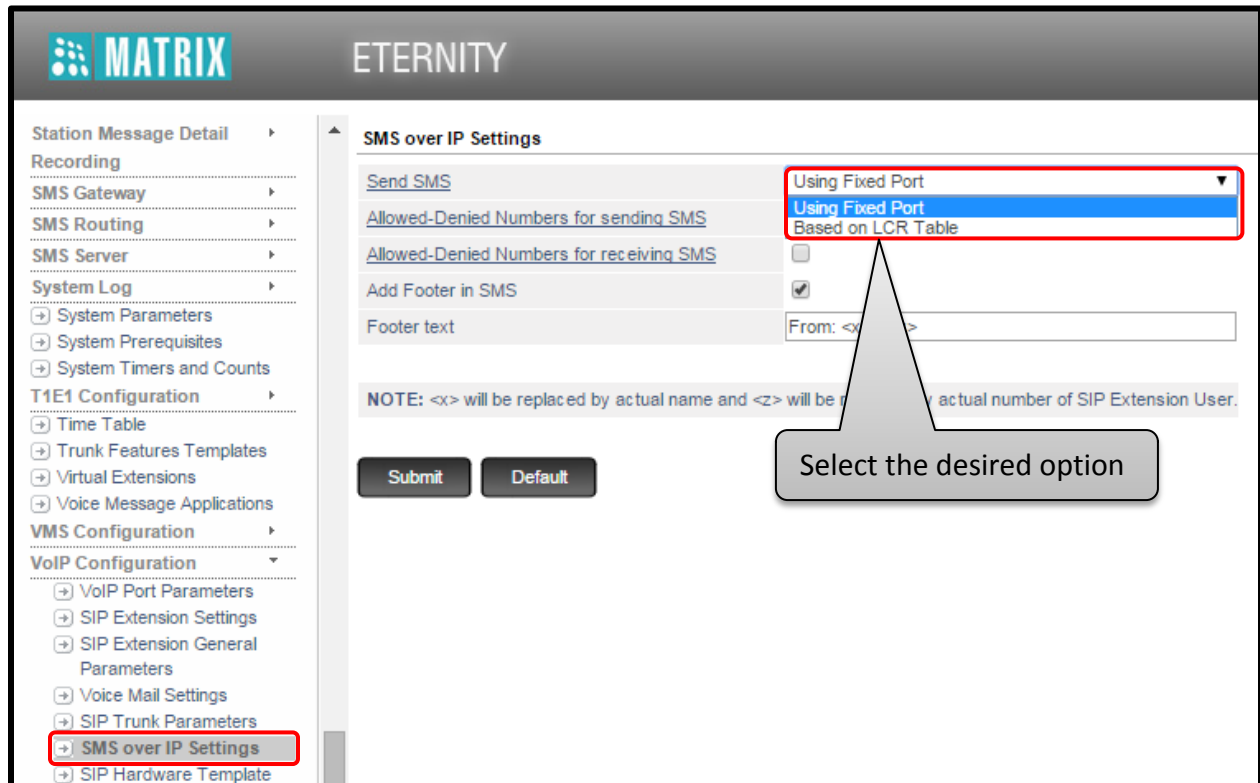
Transport Mode and SRTP
Transport Mode: TCP
Enable SRTP?


SMS Over IP
Enable SMS Over IP

RTP Ports

Note: Please ensure that "Enable SIP Over TCP" or "Enable SIP Over TLS" flag must be enabled in VoIP Port Parameters for working of Extended Phone.

Step2: Go to **SMS over IP Settings** and select the desired Mobile Ports for sending SMS



 ... It is recommended that you configure the parameters **Add Footer in SMS** and **Footer Text**, so that the recipient knows the sender of the message. If this parameter is not configured, only the mobile port SIM number will be displayed to the recipient.

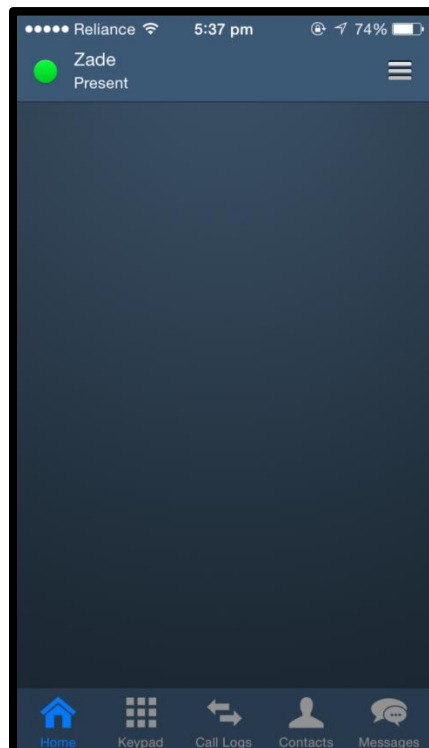
Step3: Click on Send SMS

The screenshot shows the MATRIX ETERNITY web interface. On the left is a navigation menu with categories like System Log, T1E1 Configuration, VMS Configuration, and VoIP Configuration. The main area is titled "SMS Over IP - Fixed Port Routing" and has a "Rotation" checkbox checked. Below this is a table with columns "Port No.", "Port Name", and "Enable Port".

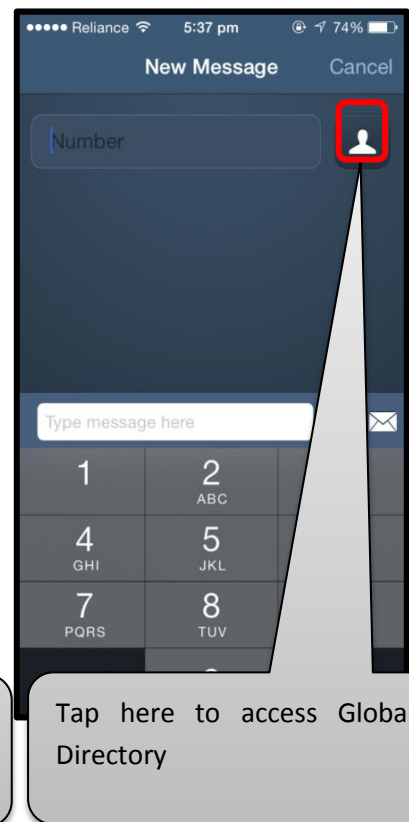
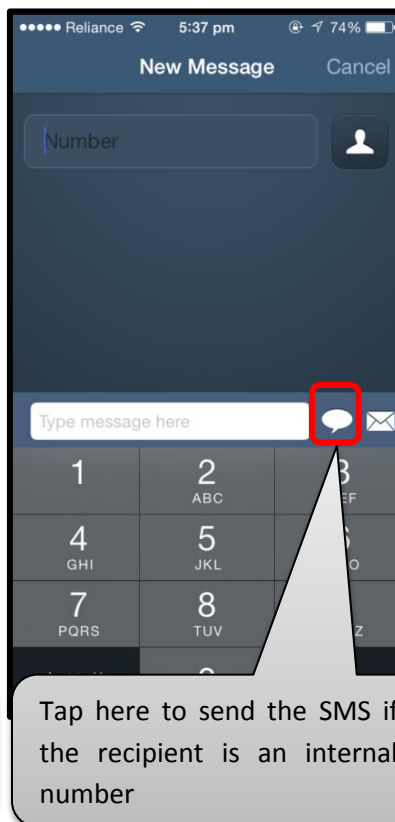
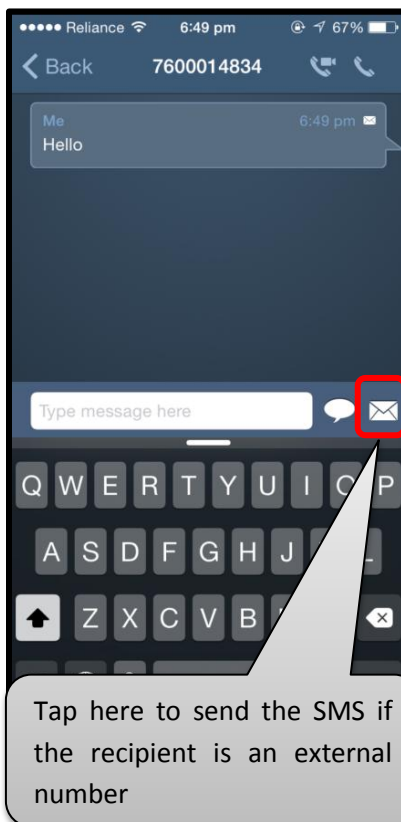
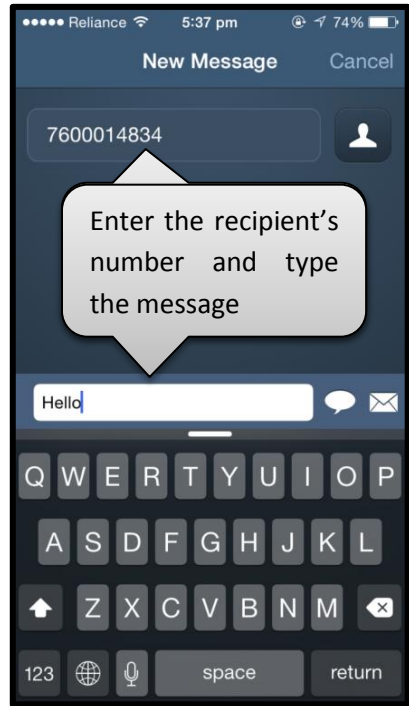
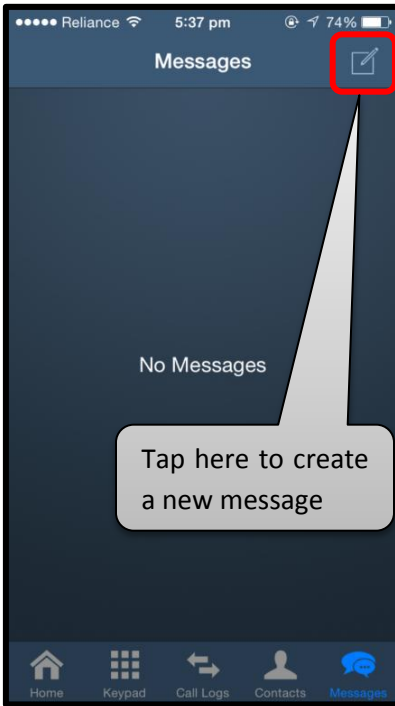
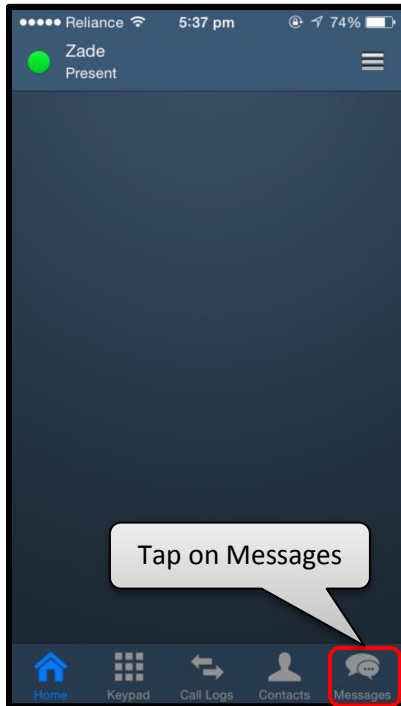
Port No.	Port Name	Enable Port
1	AIRTEL1	<input checked="" type="checkbox"/>
2	AIRTEL2	<input checked="" type="checkbox"/>
3		<input type="checkbox"/>
4		<input type="checkbox"/>
5		<input type="checkbox"/>
6		<input type="checkbox"/>
7		<input type="checkbox"/>
8		<input type="checkbox"/>
9		<input type="checkbox"/>
10		<input type="checkbox"/>
11		<input type="checkbox"/>
12		<input type="checkbox"/>
13		<input type="checkbox"/>
14		<input type="checkbox"/>
15		<input type="checkbox"/>
16		<input type="checkbox"/>

A callout bubble points to the first two rows of the table with the following text: "Enable the mobile port/ports you want to use for sending SMS. If Rotation is enabled the system will send out SMS using port next to the port previously used".

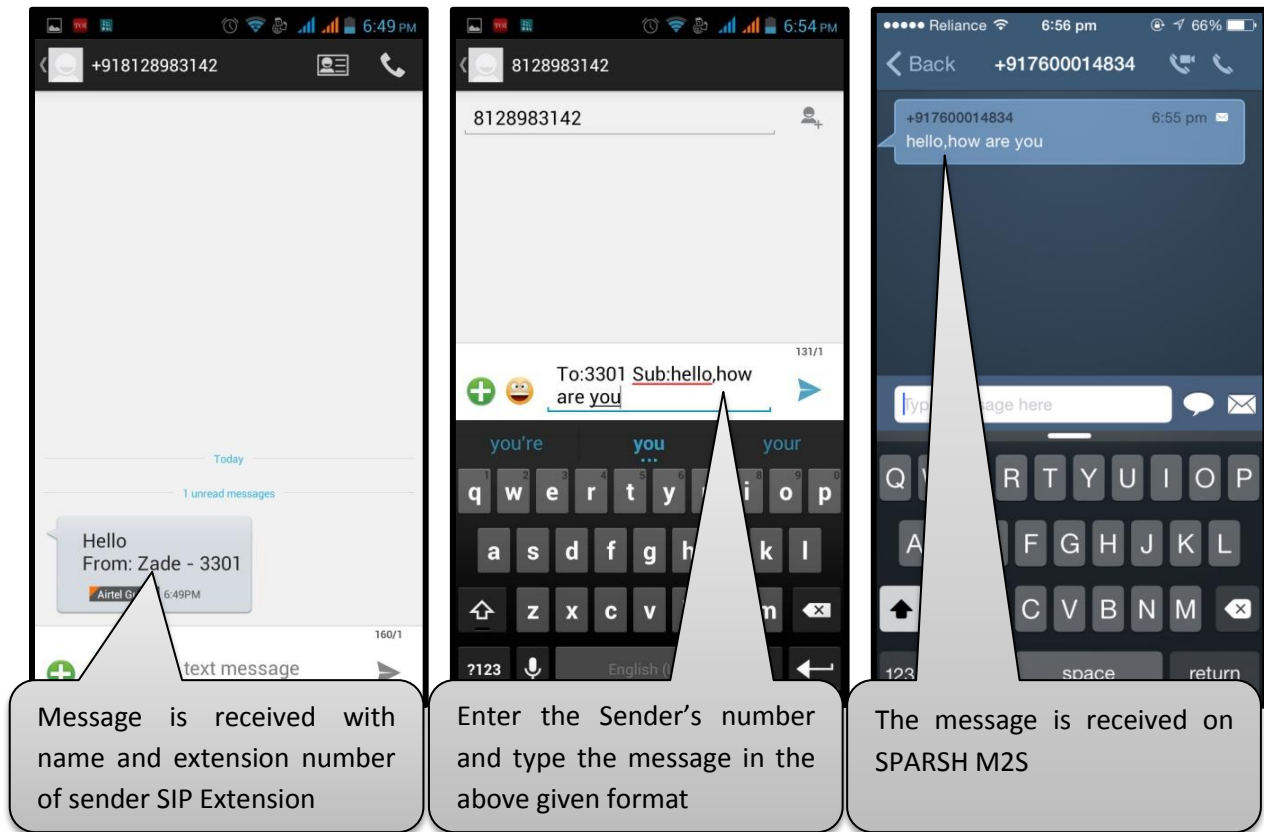
Step4: Configure SPARSH M2S in your smart phone





Procedure to send SMS




Procedure to revert back to the received SMS



 ... When more than one smart phone is registered at three different locations with the same SIP ID with SMS over IP flag enabled in Matrix Extended Phone settings – Locations 1, 2 & 3 then SMS would be received only on smart phone registered at a location – 1.

 ... If a smart phone at location – 1 is not enabled, then SMS would be received on smart phone at location – 2.

 ... If a smart phone at location – 1 & 2 are not enabled, then SMS would be received on smart phone at location – 3.

For more information, contact
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