

# FREQUENTLY ASKED QUESTIONS

SARVAM UCS

What  
When  
Which  
Where  
How  
Who  
Why



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**Version:** V1R1

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# How to send and receive SMS using SMS Gateway?

Protocol used for SMS Gateway: SMPP (Short Message Peer to Peer) Version 3.4

## Prerequisites:

1. SMS Gateway License

**MATRIX SARVAM UCS**

**License Management**

Enter License Key

License Key C01E-CD47-0096-819E-0484-5C8C-8061-AB21-C845-41C8-C9A1-0000-DCC8-74D1-0000-0000-0000

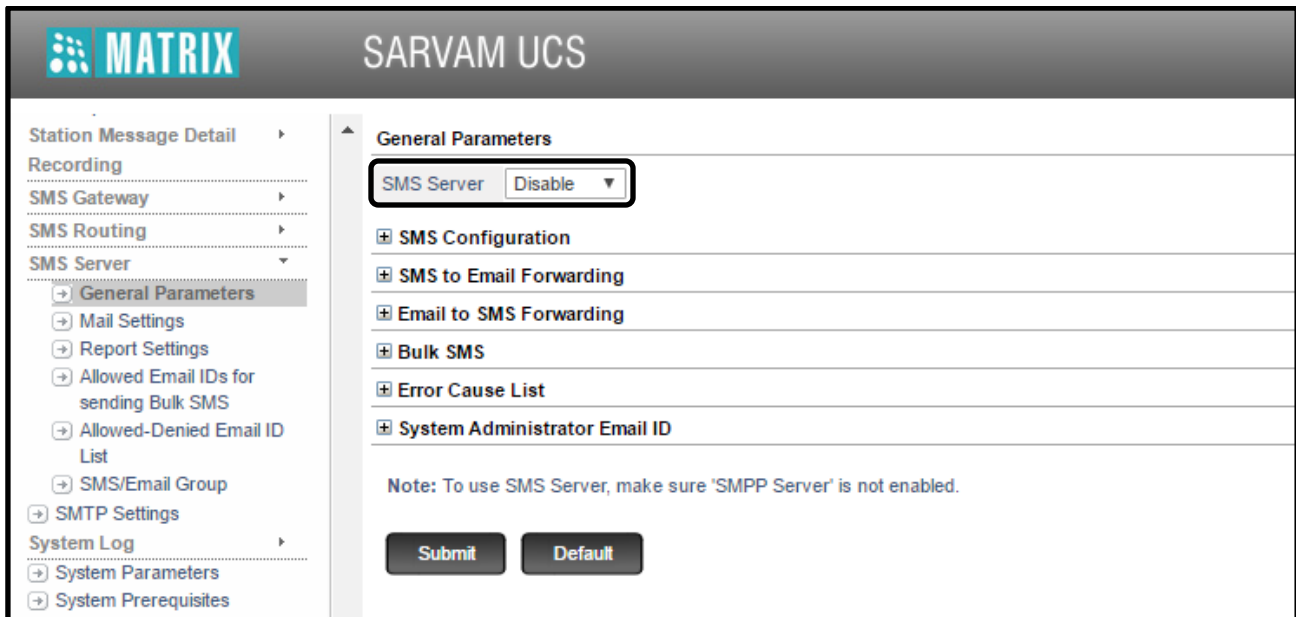
**Service Profile**

SARVAM UCS SME	No
Expansion Slots	0
Vocoder Channels	68
VMS Channels	4
IP Subscribers	5
VARTA Essential Users	0
VARTA Professional Users	0
VARTA Collaboration Users	0
PLCC	No
Hospitality	No
PMS	No
QSIG	No
Gateway	No
SMS Server	No
CTI	No
SMS Gateway	Yes

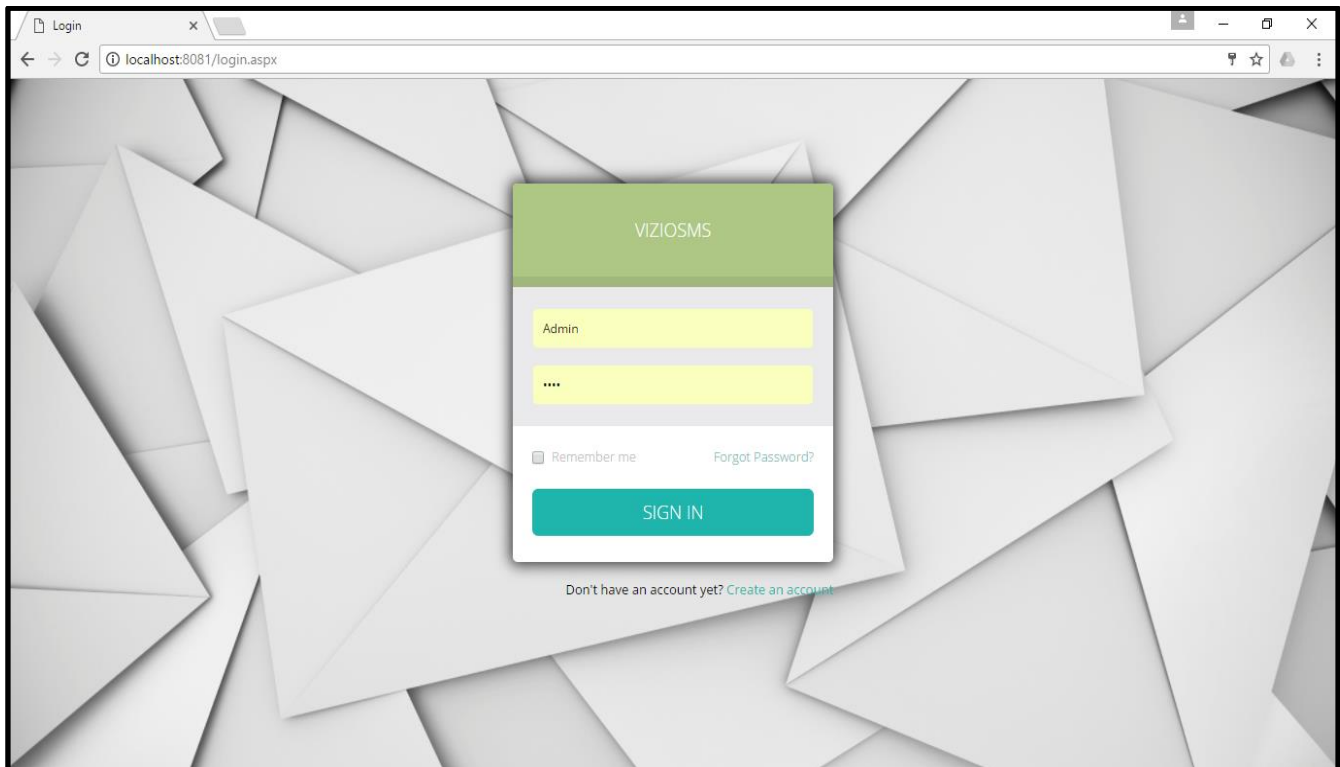
Demo Period

Demo Period Left 30 Days, 18 Hours

## 2. SMS Server should be disabled



## 3. SMPP Client (We will take example of VIZIOSMS in this document for SMPP Client)



## Configuration Steps:

### Step 1: Enable SMPP Server and program desired System ID and Password

The screenshot displays the configuration interface for SARVAM UCS. The left sidebar contains a navigation menu with categories like SLT Configuration, SMS Gateway, SMS Routing, SMS Server, SMTP Settings, System Log, T1E1 Configuration, and VMS Configuration. The main content area is titled 'General Parameters' and is divided into 'SMPP Parameters' and 'SMPP Client' sections.

**SMPP Parameters:**

- SMPP Server: Enable
- SMPP Server Port: 02775
- Enquiry-Link Timeout (seconds): 120
- SMPP Server Debug:

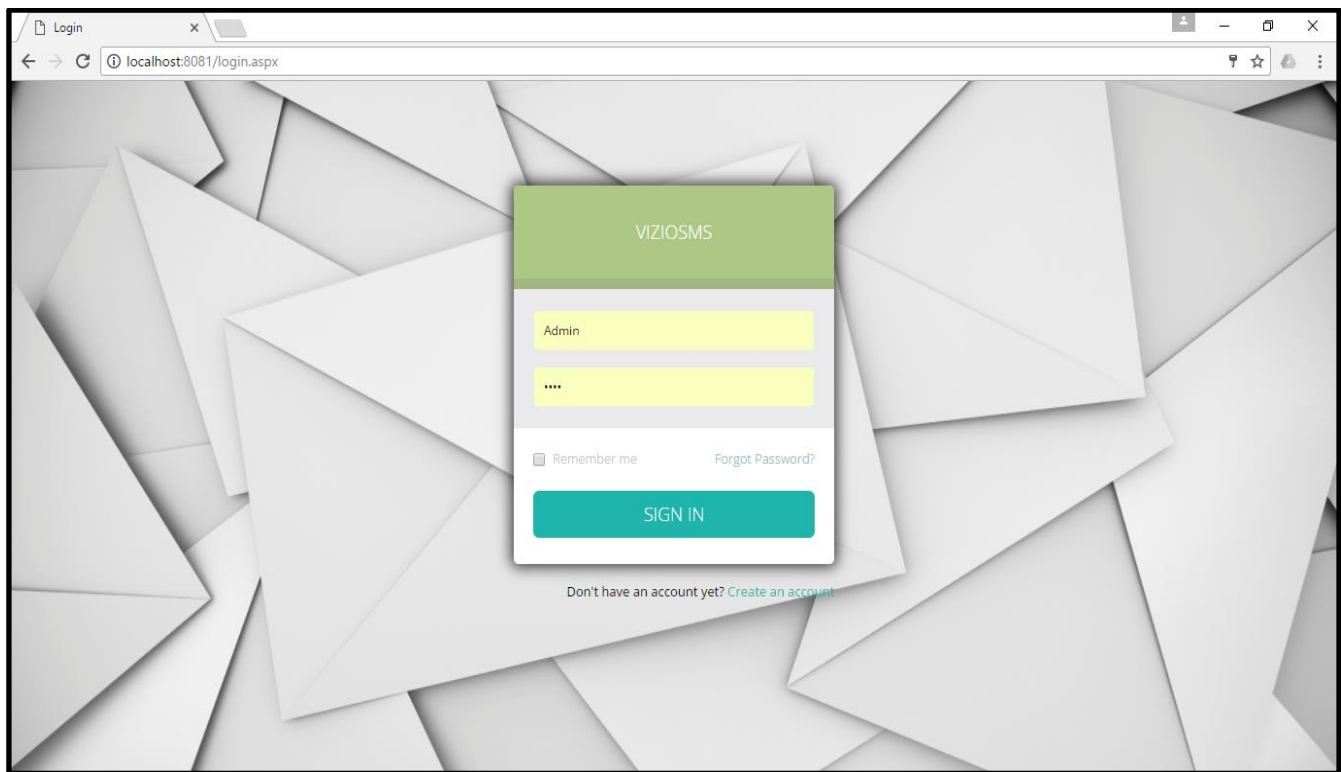
**SMPP Client Table:**

SMPP Client	System ID	Password	Mobile Port	Debug
1	admin	*****	01	<input type="checkbox"/>
2			02	<input type="checkbox"/>
3			03	<input type="checkbox"/>
4			04	<input type="checkbox"/>
5			05	<input type="checkbox"/>
6			06	<input type="checkbox"/>
7			07	<input type="checkbox"/>
8			08	<input type="checkbox"/>
9			09	<input type="checkbox"/>
10			10	<input type="checkbox"/>
11			11	<input type="checkbox"/>
12			12	<input type="checkbox"/>
13			13	<input type="checkbox"/>
14			14	<input type="checkbox"/>
15			15	<input type="checkbox"/>

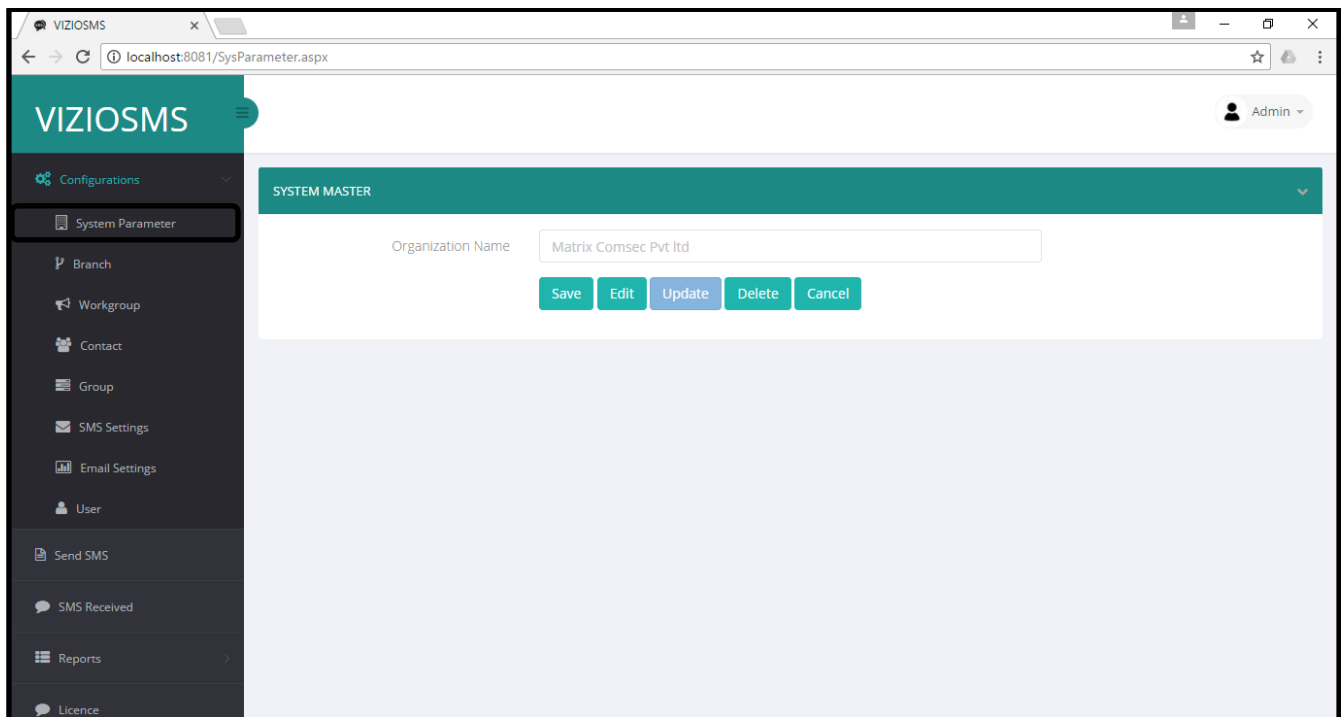
**Note:** System ID or Mobile Port cannot be configured same for SMPP Clients.

Buttons: Submit, Default

## Step 2: Login to SMPP Client (VIZIOSMS in our case)



## Step 3: After Successful login, go to **Configurations** → **System Parameter** and enter the **organization name**, click **Save**.



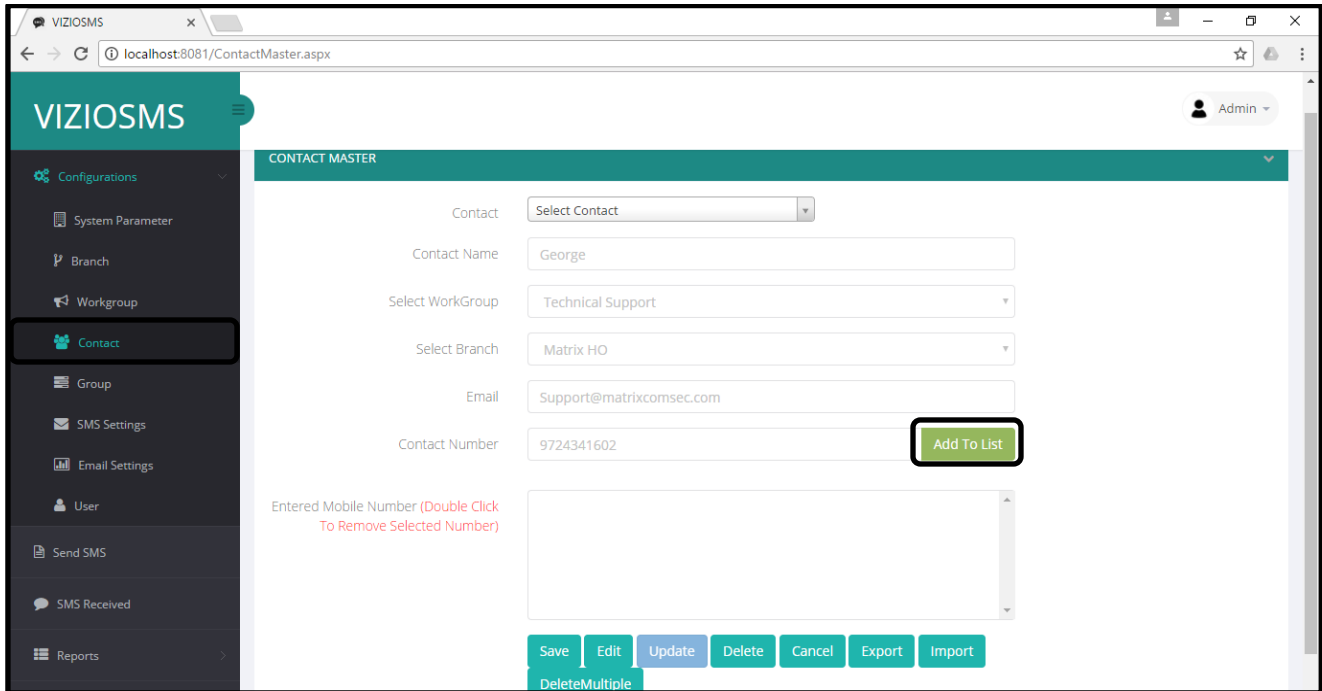
**Step 4: Go to Configurations → Branch, enter the details and click Save.**

The screenshot shows the VIZIOSMS web application interface. The left sidebar contains a navigation menu with the following items: Configurations, System Parameter, Branch (highlighted), Workgroup, Contact, Group, SMS Settings, Email Settings, User, Send SMS, SMS Received, and Reports. The main content area is titled "BRANCH MASTER" and features a form for configuring a branch. The form includes a "Select Branch" dropdown menu with "Matrix HO" selected, and input fields for "Branch Name" (Matrix HO), "Address - 1" (394-GIDC Makarpura), "Address - 2" (PIN Code-390010), "City" (Vadodara), "State" (Gujarat), and "STD Code" (265). At the bottom of the form are buttons for "Save", "Edit", "Update", "Delete", "Cancel", and "Export".

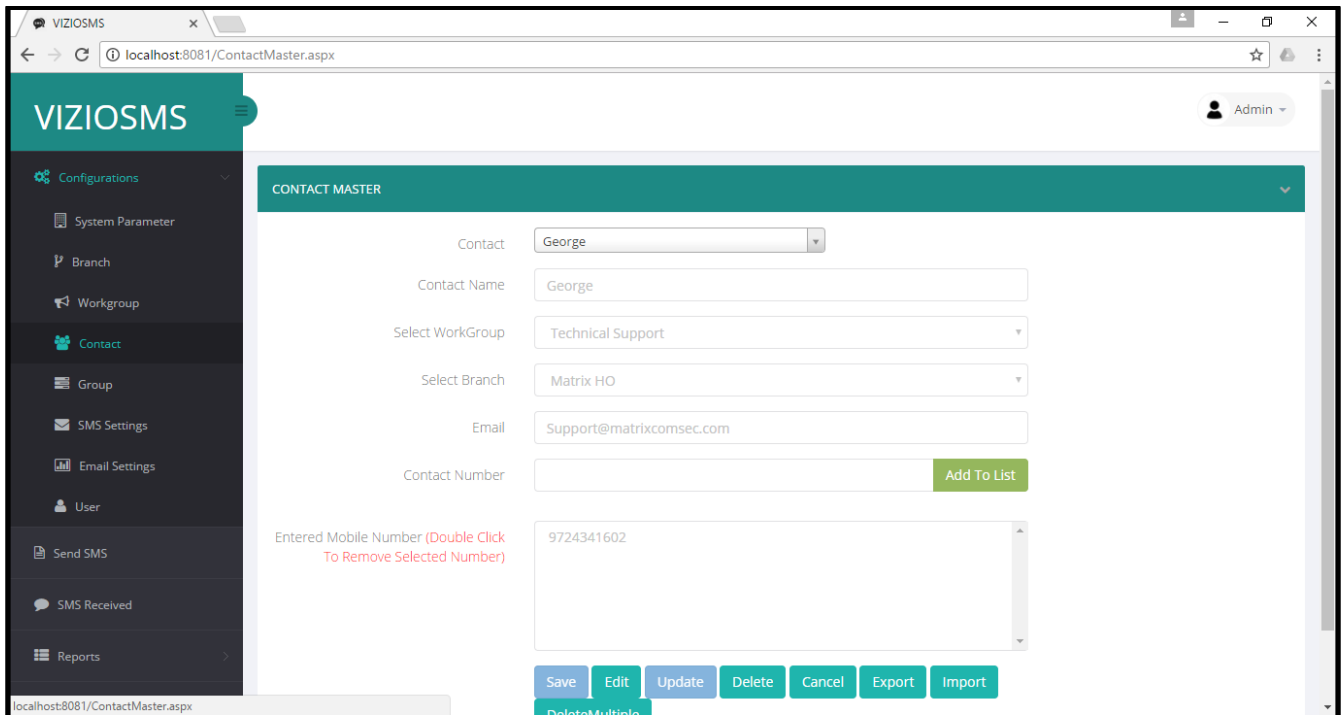
**Step 5: Go to Configurations → Workgroup, enter the details and click Save.**

The screenshot shows the VIZIOSMS web application interface. The left sidebar contains a navigation menu with the following items: Configurations, System Parameter, Branch, Workgroup (highlighted), Contact, Group, SMS Settings, Email Settings, User, Send SMS, SMS Received, and Reports. The main content area is titled "WORKGROUP MASTER" and features a form for configuring a workgroup. The form includes a "Select WorkGroup" dropdown menu with "Technical Support" selected, and an input field for "WorkGroup Name" (Technical Support). At the bottom of the form are buttons for "Save", "Edit", "Update", "Delete", "Cancel", "Export", and "Import".

**Step 6: Go to Configurations → Contact, enter the contact details and click Add To List.**



**Step 7: Clicking Add To List option will take the number in to Entered Mobile Number field as shown below. Click Save.**



**Step 8:** Go to **Configurations** → **Group**, Enter **Group Name** and Select the Contact/s entered in **Step 6** and **Step 7**. You may skip this step if you do not want to create Contact Group.

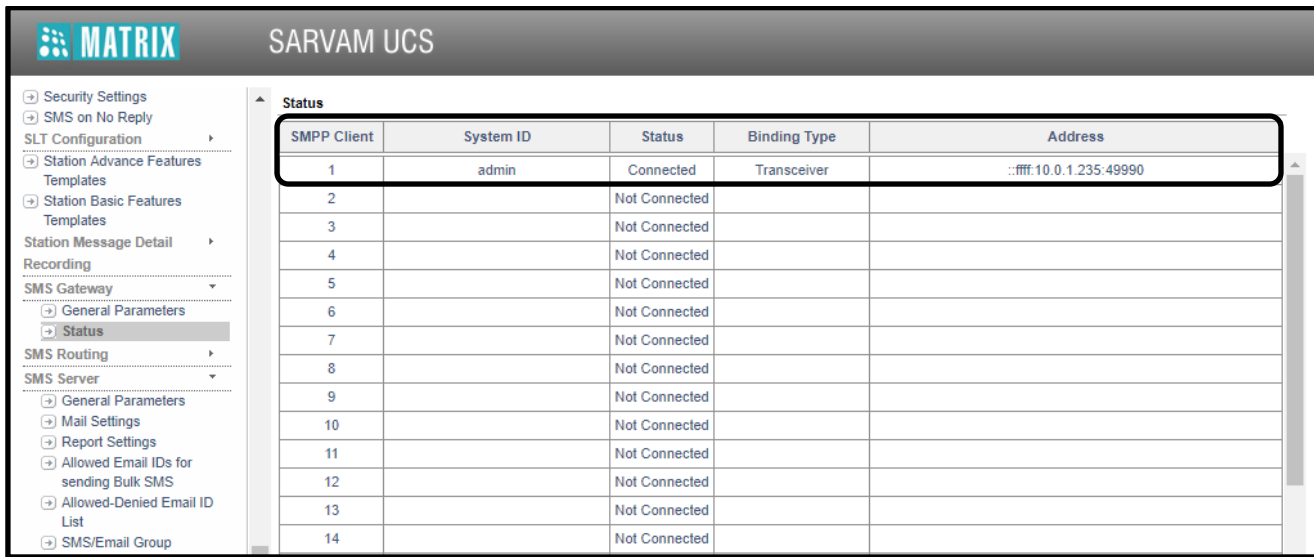
The screenshot shows the VIZIOSMS web application interface. The left sidebar contains a navigation menu with the following items: Configurations, System Parameter, Branch, Workgroup, Contact, Group (highlighted), SMS Settings, Email Settings, User, Send SMS, SMS Received, and Reports. The main content area is titled "GROUP MASTER" and features a "Select Group" dropdown menu. Below this, there is a "Group Name" text input field containing "Matrix HO". Underneath, there are two "Select Contact" search boxes, each containing "search...". Below the search boxes are two empty list boxes, with the left one containing the name "George". A double-headed arrow is positioned between the two list boxes. At the bottom of the form, there are five buttons: Save, Edit, Update, Delete, and Cancel.

**Step 9:** Go to **Configurations** → **SMS Settings**, Enter **SMS Gateway Name** (Reference Name), **SIM Number** (SIM Entered in SARVAM UCS), Enter **ID**, **Port** and **Password** (Same as defined in **Step 1**) and Enter the IP Address of SARVAM UCS in **Host** field. Click **Save**.

The screenshot shows the VIZIOSMS web application interface. The left sidebar contains a navigation menu with the following items: Configurations, System Parameter, Branch, Workgroup, Contact, Group, SMS Settings (highlighted), Email Settings, User, Send SMS, SMS Received, and Reports. The main content area is titled "SMS MASTER" and features an "SMSGateway" dropdown menu. Below this, there are several text input fields: "SMSGateway Name" (SARVAM UCS), "SIM Number" (9974098915), "ID" (admin), "Port" (2775), "Host" (192.168.65.248), and "Password" (masked with four asterisks). At the bottom of the form, there are five buttons: Save, Edit, Update, Delete, and Cancel.



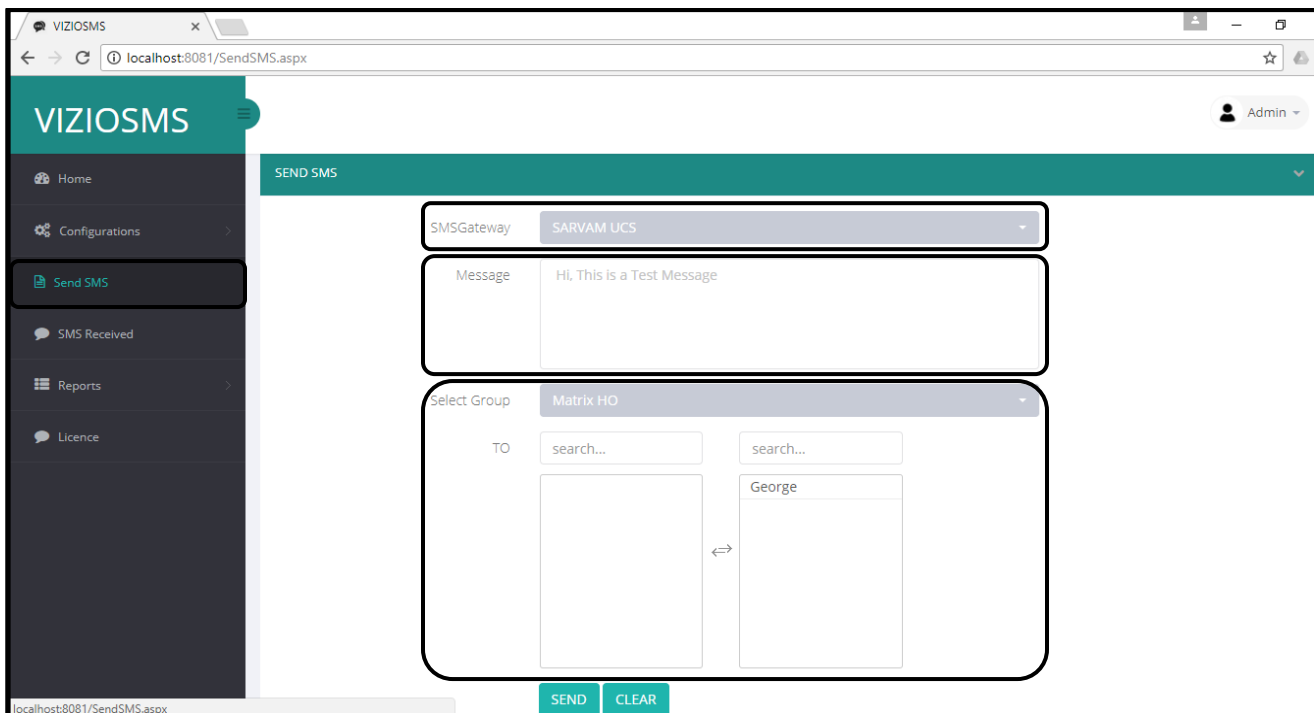
**Step 10:** Go to **SMS Gateway** → **Status** to verify the link status between SARVAM UCS (SMPP Server) and VIZIOSMS (SMPP Client)



The screenshot shows the MATRIX SARVAM UCS interface. On the left is a navigation menu with options like Security Settings, SLT Configuration, Station Advance Features, Station Basic Features, Station Message Detail, Recording, SMS Gateway, SMS Routing, and SMS Server. The 'SMS Gateway' section is expanded to show 'Status'. The main area displays a table titled 'Status' with the following data:

SMPP Client	System ID	Status	Binding Type	Address
1	admin	Connected	Transeiver	::ffff:10.0.1.235:49990
2		Not Connected		
3		Not Connected		
4		Not Connected		
5		Not Connected		
6		Not Connected		
7		Not Connected		
8		Not Connected		
9		Not Connected		
10		Not Connected		
11		Not Connected		
12		Not Connected		
13		Not Connected		
14		Not Connected		

**Step 11:** Go to **Send SMS** to send SMS. Select the SMS Gateway as created in **Step 9**. Type the desired SMS Content in Message field. Enter the recipient of SMS from **Contact Group** (Created in Step 8) or **Contact** (Created in Step 7) field. Click **Send** to send SMS.



The screenshot shows the VIZIOSMS 'SEND SMS' interface. The browser address bar shows 'localhost:8081/SendSMS.aspx'. The page has a dark sidebar with navigation options: Home, Configurations, Send SMS (highlighted), SMS Received, Reports, and Licence. The main content area is titled 'SEND SMS' and contains the following fields:

- SMMSGateway:** A dropdown menu with 'SARVAM UCS' selected.
- Message:** A text input field containing 'Hi, This is a Test Message'.
- Select Group:** A dropdown menu with 'Matrix HO' selected.
- TO:** Two search input fields. The first is empty, and the second contains 'George'.

At the bottom of the form are two buttons: 'SEND' and 'CLEAR'.

**Step 11: History of Sent SMS can be seen under Reports → SMS Invoked**

The screenshot shows the VIZIOSMS web interface. The left sidebar has 'Reports' selected, with 'SMS Invoked' highlighted. The main content area is titled 'SMS INVOKED HISTORY'. It features a 'Select DateRange' field with the value '06/30/2017 - 06/30/2017' and a search bar. Below is a table with columns: User, SMSMessage, Date, Time, and a 'Show' button. The table contains five rows of data.

User	SMSMessage	Date	Time	
Admin	Test	23/06/2017	15:31:56	Show
Admin	Hiiiiiiiiii	23/06/2017	15:17:50	Show
Admin	Hi	23/06/2017	15:15:03	Show
Admin	Hi2	23/06/2017	15:02:51	Show
Admin	Hi	23/06/2017	15:01:24	Show

Showing 1 to 5 of 5 rows 10 rows per page

**Step 12: SMS Received on the SIM Card can be read from SMS Received option.**

The screenshot shows the VIZIOSMS web interface. The left sidebar has 'SMS Received' selected. The main content area is titled 'RECEIVED SMS'. It features a 'Select DateRange' field with the value '06/30/2017 - 06/30/2017' and a search bar. Below is a table with columns: sender, receiver, message, Date, Time, and Gateway. The table contains seven rows of data.

sender	receiver	message	Date	Time	Gateway
919724341602	-	Test Again	23/06/2017	15:36:04	-
919724341602	-	Test msg	23/06/2017	15:34:41	-
919724341602	-	Hiii Test msg	23/06/2017	15:34:33	-
917984583387	-	Ggtetiofbr	23/06/2017	15:33:09	-
RM-MMNLKE	-	India EXHIBITION at EAST AFRICA - Nairobi, Kenya on 21 to 23 July 2017. 9 SQM Booth Rate Rs. 108000/- only, Call 9909903135 LOG ON TO - MADEINGUJARAT.COM	23/06/2017	15:32:27	-
919979997319	-	70694 70338	23/06/2017	15:32:05	-
919724341602	-	Hiii	23/06/2017	15:20:40	-

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