# SynwaySMS SMS Center

# **User Manual**

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Synway Information Engineering Co., Ltd

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## **1 Brief Introduction**

The SynwaySMS SMS Platform is a free charge SMS management software customized for the Synway wireless gateway products. By running SynwaySMS, the Sywnay wireless gateway users can send and receive as well as manage short messages through web. Just install the SMS platform and you can do the management after logging in on the browser, which is quite easy and convenient.



Figure 1-1 SywnaySMS Application

Note: You are allowed to install this software on your own PC and log in to use it.

#### **Features:**

- 1. Send & receive SMS
- 2. Query outbox & inbox
- 3. Send bulk SMS
- 4. Check SMS sending status
- 5. Provide SMS templates
- 6. Allow user-defined SMS
- 7. Provide often-used SMS
- 8. Manage contact information
- 9. Manage contact group information
- 10. Query port (SIM card) status
- 11. Set administrator and user account
- 12. Generate system logs



## **2** SynwaySMS Installation

The SynwaySMS software integrates Apache (default port: 8088) and MySQL (default port: 3308). If these two ports are occupied by other applications on the PC, close the applications before installing the SynwaySMS software.

### **Installation Environment**

Operating System: WindowXP, Win7, Win8, Win10

HD: Free space ≥500MB

Browser: Firefox, Google, IE

### Install SynwaySMS following the steps below.

Step 1: Download the SynwaySMS software.

Step 2: Find the installation program in the existing file folder and double click it.



Step 3: Click 'Next' to continue the installation. Select the installation path.



synwaySMS Setup		
Select Installation Folder		
This is the folder where synwa	aySMS will be installed.	
To install in this folder, click "N "Browse".	lext". To install to a different folder, e	enter it below or click
<u>F</u> older:		
Eolder: C:\Program Files\		Browse
Eolder: C:\Program Files\		Browse
Eolder: C:\Program Files\		Browse
Eolder: C:\Program Files\ vanced Installer		Browse

Step 4: Click 'Install' to continue.

			$\sim$
Click "Install" to begin the installation. I installation settings, dick "Back". Click "	Fyou want to review or Cancel <sup>®</sup> to exit the wiza	change any of you rd.	r
dvanced Installer			

Step 5: Then the following interface appears.





Step 6: After successful installation, click 'Finish' to exit the installation program.





**Step 7:** At last, the Web login page pops up.

sms	
	中文   English
Subscriber:	Administrator
Username:	admin
Password:	
Login	Reset



## 3 SynwaySMS Management

## 3.1 Login

Login address at local PC: http://localhost:8088

🕒 WEB SMS Center	× 🗋 Web短信中心	×		
$\leftarrow \Rightarrow \mathbf{C}$ 🗋 localh	ost:8088			
			sms	
				<u>中文</u>   <u>English</u>
			Subscriber:	Administrator •
			Username:	
			Password:	
			Login	Reset

Also, you can use the exact IP address of the computer installed with SynwaySMS to log in.

As we install SynwaySMS on the computer whose IP address is 192.168.3.29, the login address here becomes <u>http://192.168.3.29</u>. The PC users in other LANs can use this address to visit the web page of SynwaySMS, too.

Note:

The computer host installed with SynwaySMS will fail to visit the SMS platform if it stops running.

## 3.2 Multi-level User Account

There are two options available for User Category on the login

page.

sms	
	中文   English
Subscriber: Username:	Administrator Administrator User
Password:	
Login	Reset

**User:** Have the right of selecting a corresponding Synway wireless gateway device to log in SynwaySMS to send/receive and manage short messages.

Administrator: Have the right of setting the connection of SynwaySMS and the Synway wireless gateway device, managing user accounts, and authorizing users to use a wireless gateway device to send and receive short messages.



## 3.3 SynwaySMS Management

## 3.3.1Login as Administrator

Before using SynwaySMS to send or receive short messages, you should log in as an administrator to manage the device and the user account.

Username: admin

Password: admin

sms	
	中文   English
Subscriber:	Administrator <b>T</b>
Username:	admin
Password:	
Login	Reset

## **3.3.2Device Management**

On this interface you can add the Synway wireless gateway devices which will be connected to SynwaySMS via API. Here we



introduce the way to add a Synway wireless gateway device to

connect with SynwaySMS. Suppose the IP address of SywnaySMS

is: 192.168.3.184.

Note:

Make sure all the API settings are correct before connecting

the Synway wireless gateway to SywnaySMS.

API Parameters	5	
	API Enabled	●Yes ○No
	Remote IP Address Allowed to Invoke API	*
		(Separated by ',', '*' denotes all IP addresses)
	Username for API Call	ApiUserAdmin
	Password for API Call	•••

### Add

- 1. Click and add a wireless device to connect with SynwaySMS.
- 2. Fill in the IP address of the wireless gateway, the API username and the API password.



Device Nan	ne	SMS	
IP Address		192.168.3.84	
Port		80	
API Userna	me	ApiUserAdmin	
API Passwo	brd		

Device Name: SMS //Name of the device, a name easy for you

to recognize and remember is suggested here

IP Address: 192.168.3.84 //IP address of the gateway device

Port: 80 //Web port of the gateway device

API Username: ApiUserAdmin //Username set by the gateway

API parameters (fixed)

API Password: 123456 // Password set by the gateway API

parameters (user-defined)

3. Click 'Save' and then perform the connection.

	Device Manage									
Check	Device Name	IP Address	Port	API Username	API Password	Connection Status	Connection Operation	Modify		
	SMS	192.168.3.84	80	ApiUserAdmin	123456	Unconnected	Connection			

### Delete

1. Select the device and click the Delete button.

### Connect

1. Click Disconnect to take the wireless gateway device off

SynwaySMS.



	Device Manage									
Check	Device Name	IP Address	Port	API Username	API Password	Connection Status	Connection Operation	Modify		
	SMS	201.123.115.203	80	ApiUserAdmin	123	Connected	Disconnected			

2. Click Connect to reconnect the gateway device to SynwaySMS.

Device Manage									
Check	Device Name	IP Address	Port	API Username	API Password	Connection Status	Connection Operation	Modify	
	SMS	201.123.115.203	80	ApiUserAdmin	123	Unconnected	Connection		

### Search

To add multiple Synway wireless gateway devices to connect with

SynwaySMS, it is convenient for you to find corresponding devices

by using the Search feature.

Device Name	IP Address	Connection Status All	Search

## 3.3.3User Management

### Add

- 1. Click Add to add a user.
- 2. Set the username and the password, as well as the devices

which can be controlled by the user.

Description synway	
Description synway	
Device SMS	
Check All Inverse	

#### Delete



1. Select a user and click Delete.

### Modify

1. Click the Modify icon to modify the user account.

		User Manage		
Check	Username	Device Manage	Description	Modify
	synway	SMS	synway	

### Search

1. User the Search feature to find the user you want.

## 3.3.4Operating Log

Through the operating log, you can check which IP logged in

SynwaySMS and which operations it did.

		On and line Lan	
		Operation Log	
Serial No.	User Name	Operation Time	Content
1	admin	2017-05-17 09:46:31	Login From IP:::1
2	admin	2017-05-17 09:46:42	从IP:::1登入系统
3	admin	2017-05-17 09:50:00	added device:SMS
4	admin	2017-05-17 09:52:43	modified device:SMS
5	admin	2017-05-17 09:57:46	added user.synway

## 3.3.5Operating Command

Select Operating Command to change the administrator password.





Input the password of the administrator, enter your new password

## twice, and click Save.

Current Password:		 )
New Password:	[	)
Confirm New Password:		 )



## 4 SynwaySMS Usage

## 4.1 User Login

By selecting a Synway wireless gateway device which has been authorized, a user can log in SynwaySMS to manage short messages. Here we take the already added user synway for example. And the authorized device is SMS.

sms	
	中文   English
Subscriber:	User •
Device List	SMS
Username:	synway
Password:	
Login	Reset

## 4.2 Port Status

Before using SynwaySMS to send or receive short messages, you have to check the port status to see if the SIM card on the wireless



gateway device is usable. Click Port Status on the left navigation bar and you can see the status of all the ports on the Synway wireless device.

		Port Status		
Port	Туре	State	Operator	Signal
1	GSM	🚮 Unusable		attl
2	GSM	🚮 Unusable		atl
3	GSM	🚮 Unusable		att
4	GSM	🚮 Unusable	,	aul
5	GSM	🚮 Unusable		att
6	GSM	🚮 Unusable		atl
7	GSM	🚮 Unusable		atl
8	GSM	🚮 Unusable		all
9	GSM	🚮 Unusable		att
10	GSM	🚮 Unusable		atl
11	GSM	🚮 Unusable		all
12	GSM	🚮 Unusable		all
13	GSM	🚮 Unusable		all
14	GSM	🚮 Unusable		atl
15	GSM	🚮 Unusable		all
16	GSM	🚮 Unusable	80000	

## 4.3 Contact Management

By adding and grouping contacts on SynwaySMS, you can easily

choose one or more than one contact or contact group as the

sending destination, saving much time and manpower.

## 4.3.1Contact List

Click the Contact label to go into the Contact page.

Port Status	۲	Full Name		Phone Nur	nber		Search				
SMS Center	*										
Contact	*					Conta	ct Manage				
Contact		Check	Full Name	Phone Number	Company	Position	E-mail Address	Birthday	Groups	Remarks	Modify
Contact Group			Tom	13330031456	synway	support	Tom@sanhuid.com	2017-05-17		1234	
			Jhon	13330031456	synway	support	jhon@sanhuid.com	2017-05-17		1234	
			jack	13314568945	synway	support	jack@sanhuid.com	2017-05-17		1234	2
			jame	13456775955	synway	support	jame@sanhuid.com	2017-05-17		1234	12
			june	10400110000	Synnay	oupport	Janic@aannaid.com	2011/0011		12.04	
		Check All	Uncheck All	Inverse D	elete 📃 Cle	ar All					Add Nev

### Add

1. Click the Add New button.



2. Fill in the pop-up dialog with the contact information.

Full Name	
Phone Number	
Company	
Position	
E-mail Address	
Birthday	2017-05-17
Remarks	
Groups	
	Check All Inverse

Note: The items Name and Number must be filled in.

3. Click Save to create a contact.

#### Delete

1. Select the contact you want to remove and click the Delete

button.

### **Delect All**

1. Select all the contacts and click the Delete All button.

### Search

1. You can enter either a name or a phone number to search the

#### corresponding contact.

Full Name	Phone Number	Search



## 4.3.2Contact Group

The contacts in the contact list can be divided into different groups.

stotware         2         12           test         4         245			
test 4 245		sfotware	
		test	
support 3 111		support	
synway 4 555		synway	

### Add

- 1. Click the Add New button.
- 2. Fill in the pop-up dialog with the relative information.

Description	1			
Contact	Tom	Jhon	jack	jame
	Dxxy	UIX .	xzy	wiii
	Check All	Inverse		
	Contact	Contact Tom xjw xxy Check All	Contact Tom Jhon xjw Ix xxy Check All Inverse	Contact Tom Jhon Jack xjw Ix Wl xxy Xxy Check All Inverse

3. Click Save to create a contact group.

### Delete

 Select the contact group you want to remove and click the Delete button.

### Search

1. You can enter a group name to search the corresponding

contact group.



## 4.4 SMS Send

## 4.4.1User-defined SMS

User-defined SMS is manually input on the SynwaySMS interface and then sent out.

**Step 1:** Click the SMS Send label and you will see the SMS Send interface.

		Send SMS
<ul> <li>sfotware(2)</li> <li>test(4)</li> <li>support(3)</li> <li>synway(4)</li> </ul>	Port	Assignation Port ▼ 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16
	Receiving Number	∠ (Separated by ',')
	Encoding Format	GSM 7bit
	Common SMS	▼ Note:1.SMS can be sent to 50 numbers at most. 2.The length of SMS cannot exceed 600 characters.
<u> </u>	Sen	id Reset

**Step 2:** Select an available port or use the auto selection mode.



	Send SMS
<ul> <li>sfotware(2)</li> <li>test(4)</li> <li>support(3)</li> <li>synway(4)</li> </ul>	Port Assignation Port Assignation Port Assignation Port Automatic 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16
	Receiving Number
	Encoding Format GSM 7bit
	Common SMS V
	Content
	Note:1.SMS can be sent to 50 numbers at most. 2.The length of SMS cannot exceed 600 characters.
	Send Reset

**Step 3:** Manually input one or more than one number to be

received, separated by ','. Also, you can select a contact from the contact group on the left as the number to be received or select the whole contact group as the numbers to be received.

		Sellu SMS
<ul> <li>sfotware(2)</li> <li>test(4)</li> <li>support(3)</li> <li>synway(4)</li> <li>Tom(13330031456)</li> </ul>	Port	Assignation Port
<ul> <li>✓ Jhon(13330031456)</li> <li>✓ jack(13314568945)</li> </ul>	Encoding Format	(Separated by *

**Step 4:** Manually input the SMS content.



	1234567894854651321564531321
Contant	
Content	
	Note:1.SMS can be sent to 50 numbers at most.
	2.The length of SMS cannot exceed 600 characters.

Note: Make sure the encoding format of the content is correct

before you send the short message.

**Step 5:** Click the Send button to send the short message.

## 4.4.20ften-used SMS

You can create multiple short messages as often used ones.

Choose them and send directly on the SMS Send interface.

- **Step 1:** Go to the Often-used SMS page and click the Add New button.
- Step 2: Input the content of an often-used short message and click Save.



Name	парру
	happy new year,my baby
Content	

**Step 3:** Refer to the previous section *User-defined SMS* for the next steps.

### 4.4.3SMS Templates

You can create an SMS template on SynwaySMS and import data from Microsoft Excel so as to send multiple user-defined short messages at a time. Such feature gives great convenience to users. They can use it to send pieces of wage detail to thousands of employees, as well as use it in restaurant, club and school management.

**Step 1:** Click the SMS Templates label on the left navigation menu.

Name		Content Matching Character Search		
		SMS Template Manage		
Check	Name	Content	Matching Character	Modify
	synway	xx,hello.Your basic salary XX Yuan, the post salary XX Yuan, the assessment salary XX Yuan, the housing subsidy XX Yuan	XX	
Check Al	I 🗄 Unche	sck All 🚍 Inverse 🚍 Delete 🚍 Clear All	Add	d New



## **Step 2:** Click the Add New button to edit a new SMS template.

Name	synway
Matching Character	xx
	xx,hello.Your basic salary XX Yuan, the post salary XX Yuan, the assessment salary XX Yuan, the housing subsidy XX Yuan
Content	

**Step 3:** Go to the SMS Send page and select the SMS Template

to send.



Send	d SMS
Port	Assignation Port   01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16
Encoding Format	GSM 7bit
SMS Template 🔻	synway
Data File	Select
Data Starting Position	3 Row 2 Column
Matching Character	xx
Content	xx,hello.Your basic salary XX Yuan, the post salary XX Yuan, the assessment salary XX Yuan, the housing subsidy XX Yuan
	Note:1.SMS can be sent to 50 numbers at most.
Send	view Reset

- **Step 4:** Select a usable port.
- **Step 5:** Import the Excel file and define from where to read the Excel data.
- **Step 6:** Fill in the matching character.
- Then you will see the following interface.



Se	nd SMS
Port	Assignation Port V 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16
Encoding Format	GSM 7bit
SMS Template •	synway
Data File	Select
	synway.xls(8.6328125KB) Delete
Data Starting Position	3 Row 2 Column
Matching Character	r XX
	xx,hello.Your basic salary XX Yuan, the post salary XX Yuan, the assessment salary XX Yuan, the housing subsidy XX Yuan
Content	
J	Note:1.SMS can be sent to 50 numbers at most.
	<ol><li>The length of SMS cannot exceed 600 characters.</li></ol>

For example, the data in Excel are as shown below.

You can see from the table, the valid data to be read start from Line

3, Row 2. Therefore, the actual data position should be set to Line 3,

Row 2 on SynwaySMS.

]	NO	Rcv number	name				
				basic salary	post salary	assessment salary	housing subsidy
	1	13333303333	Tom	8500	1200	2500	500
	2	13545684944	Jhon	7500	2100	3600	500

Note: Only the .xls file can be imported.

Step 7: Before sending, you can click Preview to check if the



data are properly matched.

		Sivio FLEVIEW
Serial No.	Receiving Number	Content
1	13330031289	Tom, hello. Your basic salary 7500 Yuan, the post salary 1200 Yuan, the assessment salary 3600 Yuan, the housing subsidy 500 Yuan
2	14514561456	Jhon.hello.Your basic salary 8500 Yuan, the post salary 2100 Yuan, the assessment salary 2400 Yuan, the housing subsidy 500 Yuan

**Step 8:** Confirm that all is correct and then click Send.

## 4.5 Outbox

You can query the SMS sending record and status on the Outbox

page. Also you can search the SMS by setting different conditions.

Check	Serial No.	Port	Receiving Number	Time	Content	Result
	1	3	10086	2017-05-17 11:14:53	hello word	Successf
	2	8	10086	2017-05-17 11:14:53	hello word	Successf
	3	2	10086	2017-05-17 11:14:54	hello word	Successi
	4	10	10086	2017-05-17 11:14:54	hello word	Success
	5	6	10086	2017-05-17 11:14:54	hello word	Success
	6	7	10086	2017-05-17 11:14:54	hello word	Success
	7	11	10086	2017-05-17 11:14:54	hello word	Success
	8	13	10086	2017-05-17 11:14:54	hello word	Success
	9	9	10086	2017-05-17 11:14:54	hello word	Success
	10	14	10086	2017-05-17 11:14:54	hello word	Success
	11	2	10086	2017-05-17 11:15:01	hello word	Success
	12	10	10086	2017-05-17 11:15:01	hello word	Success
	13	11	10086	2017-05-17 11:15:01	hello word	Success
	14	14	10086	2017-05-17 11:15:01	hello word	Success
	15	9	10086	2017-05-17 11:15:02	hello word	Success
	16	6	10086	2017-05-17 11:15:03	hello word	Success
	17	1	10086	2017-05-17 11:15:03	hello word	Failed
	18	10	10086	2017-05-17 11:15:09	hello word	Success
	19	11	10086	2017-05-17 11:15:09	hello word	Success
	20	3	10086	2017-05-17 11:15:11	hello word	Success

After sending your SMS, you can go to the outbox to find the sent

SMS or to resend the SMS if it failed to be sent.



 SMS.I	Details
Port 1  Sending Status Successful Encoding Format GSM 7bi	Receiving Number 10086 Sending Time 2017-05-17 11:14:53
Content	
Return	Resend

### Query the sent SMS.

Rcv Number	Content	All Ports V Start Date	End Date	Status All   Search

### 4.6 Inbox

You can find all the received SMS on the Inbox page.

SMS Information					
Check	Serial No.	Port	Sender Number	Time	Content
	1	4	106581391910086	2017-05-11 15:14:40	【浙江移动】尊敬的客户,4月话费账单已送达您的139邮
	2	3	106581391910086	2017-05-11 16:08:13	【浙江移动】 尊敬的客户,4月话费账单已送达您的139邮
	3	11	10690661122661	2017-05-17 08:59:35	【联华华商】世纪联华宁海店5月19-20日牛鲜折扣日啦
	4	3	10086	2017-05-17 11:15:03	抱歉小E还在学习成长中.暂时回答不了您的问题.不如给
	5	8	10086	2017-05-17 11:15:05	抱歉小E还在学习成长中,暂时回答不了您的问题,不如给
	6	13	10086	2017-05-17 11:15:05	抱歉小E还在学习成长中.暂时回答不了您的问题.不如给
	7	7	10086	2017-05-17 11:15:05	抱歉小E还在学习成长中.暂时回答不了您的问题.不如给
	8	14	10086	2017-05-17 11:15:07	抱歉小E还在学习成长中,暂时回答不了您的问题,不如给
	9	11	10086	2017-05-17 11:15:07	抱歉小E还在学习成长中.暂时回答不了您的问题.不如给
	10	2	10086	2017-05-17 11:15:12	抱歉小E还在学习成长中,暂时回答不了您的问题。不如给
	11	9	10086	2017-05-17 11:15:12	抱歉小E还在学习成长中,暂时回答不了您的问题,不如给
	12	14	10086	2017-05-17 11:15:12	抱歉小E还在学习成长中.暂时回答不了您的问题.不如给
	13	6	10086	2017-05-17 11:15:14	抱歉小E还在学习成长中,暂时回答不了您的问题。不如给
	14	10	10086	2017-05-17 11:15:20	您已经问了多次这个问题请换个问题问吧。【中国移动】
	15	11	10086	2017-05-17 11:15:19	您已经问了多次这个问题,请换个问题问吧。【中国移动】
	16	8	10086	2017-05-17 11:15:21	抱歉小E还在学习成长中,暂时回答不了您的问题。不如给
	17	3	10086	2017-05-17 11:15:22	抱歉小E还在学习成长中,暂时回答不了您的问题,不如给
	18	7	10086	2017-05-17 11:15:24	抱歉小E还在学习成长中,暂时回答不了您的问题。不如给
	19	13	10086	2017-05-17 11:15:24	抱歉小E还在学习成长中,暂时回答不了您的问题,不如给
	20	2	10086	2017-05-17 11:15:43	您已经问了多次这个问题。诸换个问题问吧。【中国移动】

23 Items Total 20 Items/Page 1/2 First Previous Next Last Go to Page 1 ▼ 2 Pages Total



Click a piece of short message to see the content.

Port 3 Receivin	g Time 2017-05-17 11:15:03
Content	Your basic salary XX Yuan, the post salary XX Yuan, the assessment salary XX Yuan, the housing subsidy XX Yuan

Set conditions to search one or more than one short message in

the inbox.

Sender Number	Content	All Ports V Start Date	End Date	Search