



WISWARE

Message Router

User Guide

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Chapter 1

Introduction

Message Router is phone application which can forward sms according to user desired forward rules (route table). With the application you can make your phone to be a sms router, which receives incoming sms and then forward to other phones. The forward destination is determined by incoming phone number and route table.

Generic Route

Generic route is also called "static route". The application receives incoming sms and matches its phone number to route table. If the incoming phone number applies to a route rule, the sms will be forward to corresponding destination number. In this application, incoming sms is called "inbound message", forward sms is called "outbound message".

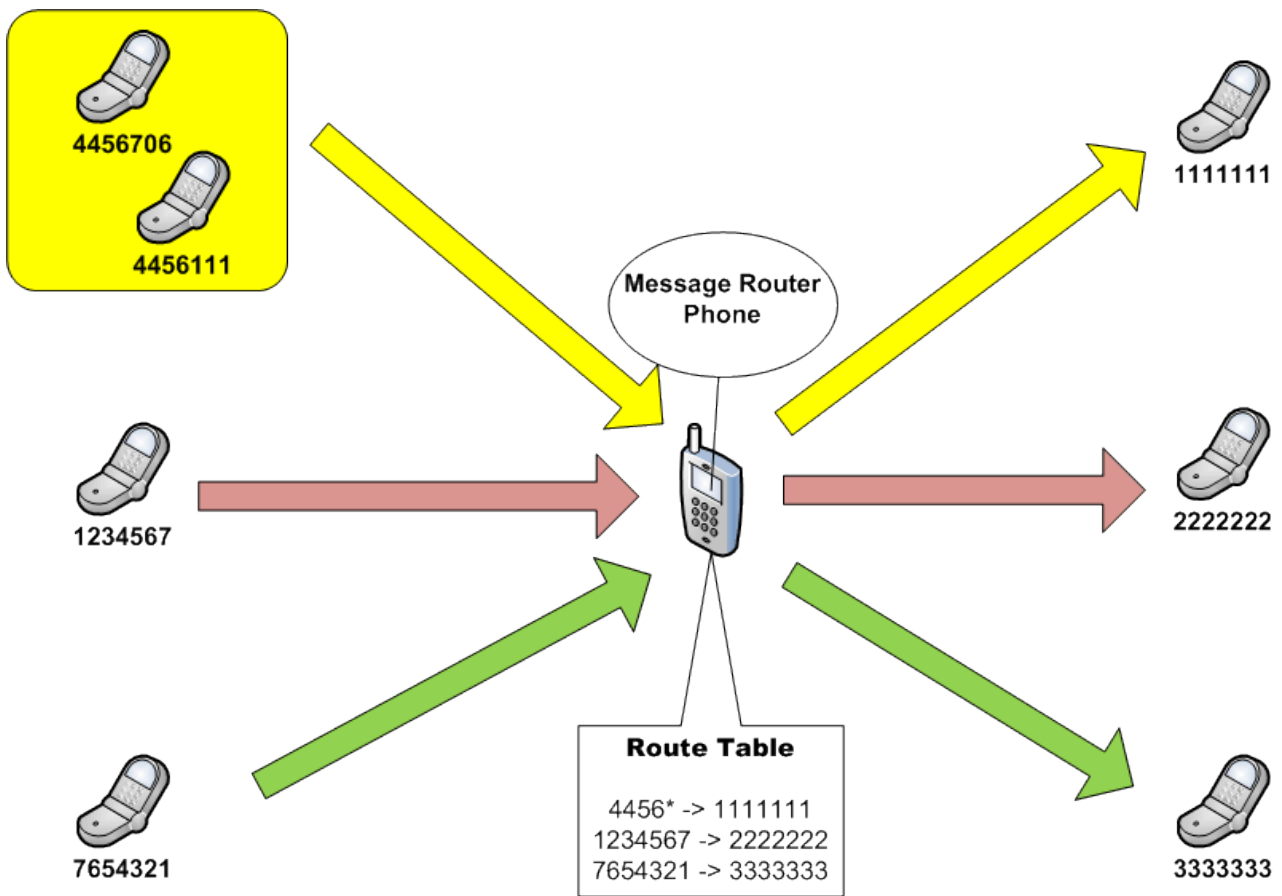
For instance, we have configured a route table on the phone as below.

Priority	Inbound	Outbound
<i>1</i>	<i>4456*</i>	<i>1111111</i>
<i>2</i>	<i>1234567</i>	<i>2222222</i>
<i>3</i>	<i>7654321</i>	<i>3333333</i>

The route table contains 3 route rules. Each rule has 3 properties: priority, inbound number and outbound number. Inbound number stands for the phone numbers of incoming sms. You can put dozens of numbers in inbound, using "," as separator. You can also use wildcard characters "*" and "?", where "*" matches zero or more consecutive occurrences of any character and "?" matches a single occurrence of any character. In our example, inbound of the first rule, "4456*", means any number start with "4456". Outbound number stands for the phone number sms be forwarded to. You can put dozens of numbers in outbound, using "," as separator.

When a sms is received, the application will check its sender phone number. If the sender phone number applies to the inbound of a route rule, the sms will be forwarded to the outbound number of this rule. In case a incoming sms phone number applies to more than one rule inbounds, the higher priority rule takes effect.





In our example, sms from any number starts with "4456" is forwarded to 1111111. Sms from 1234567 is forwarded to 2222222. Sms from 7654321 is forwarded to 333333. If you want to all other sms be forwarded to 4444444, just add a new rule with priority 4, set its inbound as "*" and outbound as "444444".

Priority	Inbound	Outbound
4	*	4444444

The application can attach the information of incoming sms sender to outbound message. The information includes sender's phone number and name (in case the sender name is in phone contact book).When you add a rule to the rule table, you can set weather to attach inbound information.

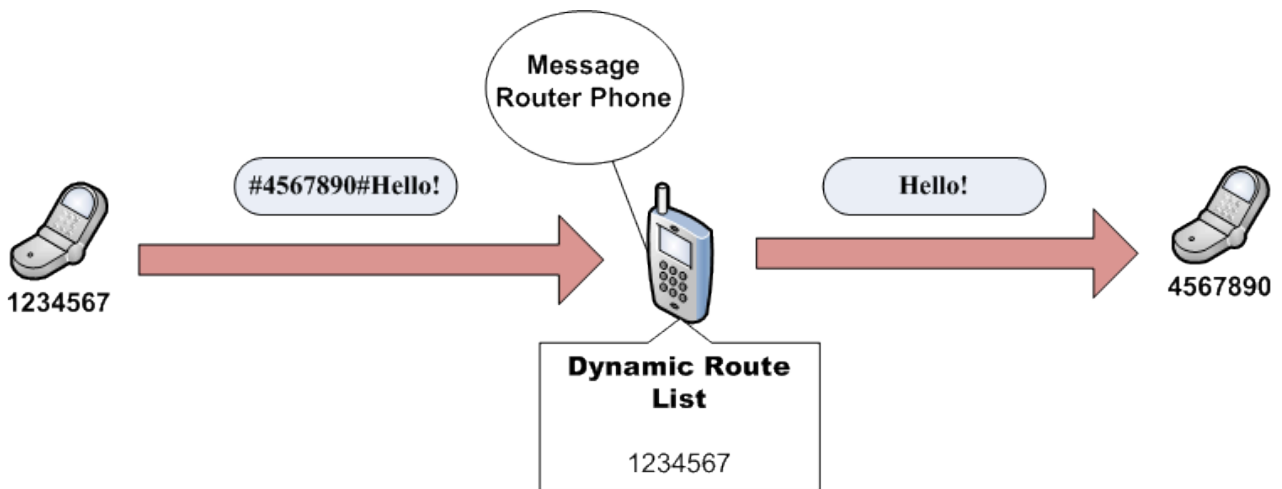
Dynamic Route

Dynamic route is a more flexible way to route message. The sms sender can manually set an outbound phone number in his sms. For instance, a sender sends below sms to the message router phone.

#4567890#Hello!



Since the sender's phone number is in dynamic route list, and this sms contains dynamic route command, a sms "Hello!" will be sent to 4567890.



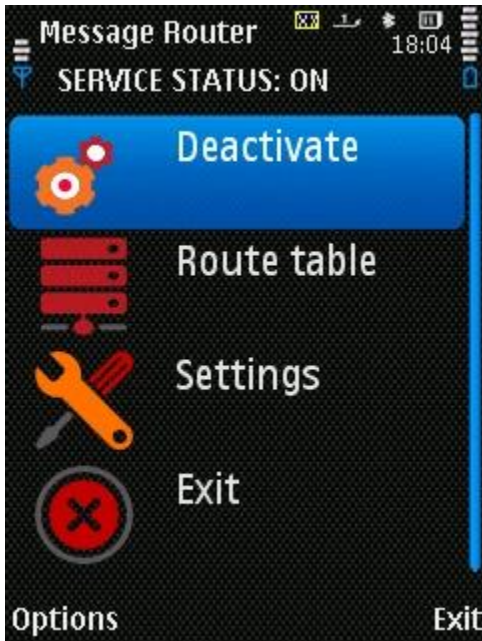
The dynamic route command must in the beginning of a sms and marks with "#" at start and end. You may put dozens of outbound numbers between the "#" markers, using "," as separator.

Dynamic route always takes higher priority than generic route.

You must put the phone numbers which allowed sending dynamic route command in dynamic route list. Dynamic route command from unauthorized phone numbers does not take effect.

Chapter 2

Settings Guide



Open **Message Router**, you can see its console interface.

- **Activate/Deactivate** – Turn on/off message router.
- **Route table** – Review and modify route rules.
- **Settings** – Set the configuration of the application.
- **Exit** - Close the application console. Close the application console does NOT affect router work status.



When you select "**Route table**" in the application console, you will see the route table list.

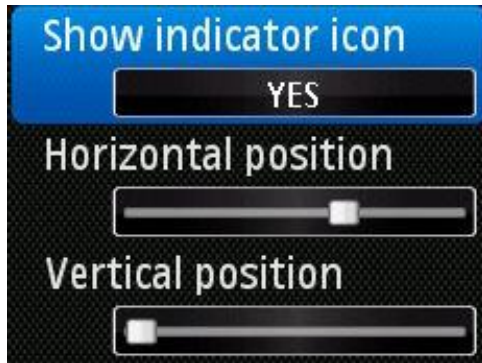
With the list you can check all route rules. You can select **Options** menu to add/remove/modify/review a rule.



When you select "**Settings**" in the application console, you will see the settings of this application. Refer to below explanations of the application settings.



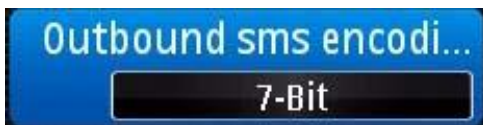
- **Auto start** – Start message route service automatically upon phone is switched on.



- **Show indicator icon** – Display a small icon at top of phone screen when message route service is running.
- **Horizontal position** - Set horizontal position of indicator icon.
- **Vertical position** - Set vertical position of indicator icon.



- **Keep inbound message** - Keep the incoming sms in Inbox folder after it has got forwarded.
- **Set inbound as read** - Remove the "New SMS" flag of incoming sms.
- **Keep outbound message** - Keep the forward sms in Sentbox folder.
- **Delivery report** - Enable/Disable delivery report of forward (outbound) sms.

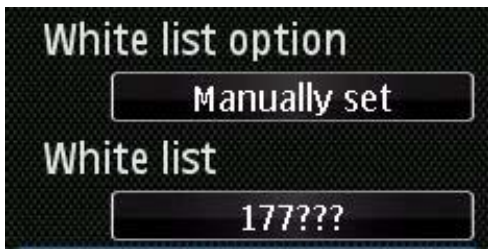


- **Outbound sms encoding** - Select the encoding of forward (outbound) sms. Basically for Latin languages please use 7-Bit, for Chinese, Japanese, Korean and Farsi please use UCS2.



- **Black list option** – Black list is a list of phone numbers, sms from which is ignored by the application.
- **Black list** - Set black list numbers. You can put “,” as separator between numbers. You can use wildcard characters “*” and “?”, where “*” matches zero or more consecutive occurrences of any character and “?” matches a single occurrence of any character.

consecutive occurrences of any character and “?” matches a single occurrence of any character.



consecutive occurrences of any character and "?" matches a single occurrence of any character.

- **White list option** - White list is a list of phone numbers, sms only from which is get routed by the application.

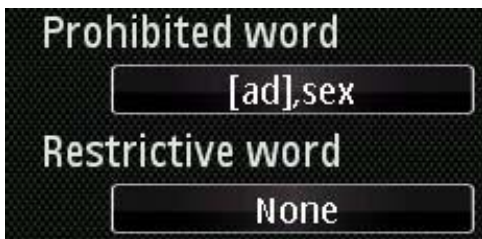
- **White list** - Set white numbers. You can put "," as separator between numbers. You can use wildcard characters "*" and "?", where "*" matches zero or more



wildcard characters "*" and "?", where "*" matches zero or more consecutive occurrences of any character and "?" matches a single occurrence of any character.

- **Dynamic route** - Turn on if you want to use dynamic route.

- **Dynamic route list** - Set the phone number list which is allowed to send dynamic route command. You can put "," as separator between numbers. You can use wildcard characters "*" and "?", where "*" matches zero or more consecutive occurrences of any character and "?" matches a single occurrence of any character.



- **Prohibited word** - Set the words not allowed in inbound sms. If an incoming sms contains prohibited word, the sms is ignored by the application.

- **Restrictive word** - Set the words the inbound sms must have. If an incoming sms does not contains any restrictive word, the sms is ignored by the application.



- **Login password** - Set a password to access to the application console. The password should contain 1-8 characters.



Chapter 3

Support

If you have any questions or suggestions for us, please contact us:

Web site: <http://www.wisware.com>
Email: support@wisware.com

