

# SMS Machine

By Suntzu Software™



SMS Machine is the premiere stand-alone SMS answering machine for Treo/Centro. It gives our beloved phone the power to control all incoming SMS and calls. It does everything flawlessly and swiftly.

Missed calls can be auto-replied with SMS, SMS can be blocked and/or auto-replied with SMS and blocked calls can be auto-replied with SMS. This amazing software doesn't interfere with your 3<sup>rd</sup> party ringtone manager. Not only that, it supports very powerful and smart wild card implementation in the SMS Rules and smart rich text in the Call/SMS Logs which will make our life easier.

Now, enjoy a quiet dinner with your family while being polite to everyone who is contacting you. Let your boss, friends, customers, officemates, kin, and family members know that you can't attend to your phone at the moment because you are preoccupied by the current task in hand like a meeting, sleeping, cooking, jogging, playing, and the like. Furthermore, put an end to the bothersome telemarketers, credit card call center agents, and stalkers. Our answering machine is up for these jobs...SMS Machine!

## Important Notes:

1. SMS rules are evaluated from top to bottom.
2. Once a rule is evaluated to be TRUE, no other rules are evaluated, and the action of that rule will be implemented. Disabled rules are exempted from this. However, *Normal* rule is the greatest equalizer among the rules. If set to a contact or group of contacts, SMS and calls will be handled normally and no other SMS rules next after will be evaluated. And if there is a need for an *Auto-Reply with SMS* rule for missed call, create the rule and place it after the contact's *Normal* rule.
3. The order of the rules is changeable. The order will make a difference on how SMS Machine responds to the situations. First rule, first evaluated.
4. To auto reply with SMS for missed calls, use *Auto Reply with SMS* rule and set it for call (and SMS if there is a need to auto-reply to SMS as well).
5. Use the asterisk (\*) character to denote ALL incoming numbers in the 'Phone Number' field. *[Not in Contacts]* rule supports blank and wild carded (\* and ?) 'Matching' field.

**\* Please delete all the existing Auto-Answer rules and SMS Machine logs before using SMS Machine 2.0 to avoid the 'Generic database error'.**

### Tip:

Exact phone numbers and wild card rules are the quickest and swiftest ways to do the jobs. Because on these rules, there is no contact searching involved.

## FEATURES:

- Automatic blocking of incoming SMS or Calls
- Automatic response by SMS to blocked SMS or calls
- Automatic response by SMS to missed calls
- Automatic response by SMS to incoming SMS
- Receive normal SMS or calls from the number not set on the rules
- Blocked SMS are still saved in the log and could be viewed and replied on.
- Supports wildcard characters (\* and ?) for the phone numbers in the SMS Rules
- Filter the phone numbers which should be watched out for.
- Smart rich text Call/SMS Logs©
- Schedule by date and time
- Compatible with the leading 3<sup>rd</sup> party ringtone managers like Ringcare, mRing, Ringo and the like
- Supports people's favorite freeware, Minitone and MusicTone
- Supports Treo built-in MIDI tones
- Option to vibrate alert
- Option to be notified by the Attention Manager
- Supports contacts by category
- Equipped with the wild card rules tester
- Option to protect with a password
- Compose SMS or dial the number directly from the Call/SMS Logs©
- SMS content can be partially filtered or fully compared
- Rules are evaluated from Top to Bottom
- Once a rule is evaluated to be TRUE, no other rules are evaluated
- Supports SMS Commander commands
- The order of the rules is changeable
- Pickup & hangup the call.
- Log all incoming nos. to a text file option
- Built-in viewer for the Normal Text Log
- Hide password option
- **NEW:** Multiple [Not in Contacts] rule and wild card support.
- **NEW:** Normal SMS rule is now the greatest equalizer among the rules.

- **NEW:** SMS Machine Log to text file and CSV (tabulated records readable by Microsoft Excel or Open Office on your desktop computer).
- **NEW:** Name or description of the SMS rules.
- **NEW:** Added rule count on Auto-Answer rule label.
- **NEW:** Undo menu for all text fields.
- **NEW:** New record will be added as the first item on the Auto-Answer rule list.
- **NEW:** 'Delete All' rule menu.
- **NEW:** 'Duplicate' rule menu.
- **IMPROVED:** SMS Machine Log.
- **IMPROVED:** SMS Machine wildcard and filter algorithm, the heart and soul of the program.
- **IMPROVED:** Attention Manager (the blinking yellow bell or asterisk on the screen's top left corner) handling. Clicking an item from several SMS Machine items in the Attention Manager will clear out other SMS Machine entries.
- **FIXED:** The dreaded 'Error 5: Invalid parameter' error during a call or SMS receipt for some auto-answer rules and on some devices.
- **FIXED:** (Failed) SMS reply on some devices. (e.g. Treo 700p, 755P, and Centro).

## **System Requirements**

Palm Centro, Treo 650, 680, 700p, 755p devices (CDMA or GSM)

## **Installation**

Hotsync SMSMachine.prc

NOTE: It MUST be installed to main memory and NOT on the SD Card.

## **Uninstallation**

Turn OFF SMS Machine first before uninstalling.

## **Upgrade**

Turn OFF SMS Machine first before installing the new version.

## **Registration**

Registering **SMS Machine** allows you to use the program past the expiration period and turns off registration reminders/delays.

Registration works by submitting your HotSync ID and the serial key will be sent in 2 to 3 business days.

You may register it for \$15.00 only. Please support the shareware concept.

## SMS Machine Main Form

The main form is user-friendly and straight-forward. It directly shows the details of the available SMS rules.

The screenshot shows the 'SMS Machine' interface. At the top, there is a blue button labeled 'SMS Machine', a green checkmark icon, the text 'On', and icons for Bluetooth, signal strength, and battery. Below this is a section titled 'Auto-Answer Rules:' with a small phone icon. A list of rules is displayed in a scrollable box. The first rule is '\*795\*' with a phone icon, 'Block', and 'smtwtfs 12:00a - 11:59p'. The second rule is '+639227959065' with a call and SMS icon, 'Auto Reply then Block', and 'smtWTFs 12:00a - 11:59p'. The third rule is '09\*' with a call and SMS icon, 'Auto Reply with SMS', and 'SMTWTFS 12:00a - 11:59p'. To the right of the list, arrows point to each rule with the text '← First rule to be evaluated', '← Second rule to be evaluated', and '← Third rule to be evaluated'. Below the list, there are 'Add' and 'View Log' buttons. At the bottom, there is a red line.

**SMS Machine** ☒ On

**Auto-Answer Rules:**

- \*795\***  
Block  
smtwtfs 12:00a - 11:59p
- +639227959065**  
Auto Reply then Block  
smtWTFs 12:00a - 11:59p
- 09\***  
Auto Reply with SMS  
SMTWTFS 12:00a - 11:59p

← First rule to be evaluated

← Second rule to be evaluated

← Third rule to be evaluated

...and so on

**Add** **View Log**

### Icons legend:



- For Call only rule



- For SMS only rule



- For Call and SMS rule



- Rule Disabled

### Rules Description:

We will take the first rule as an example.

**\*795\*** - Phone number, wild card rule, category, not in contacts, and no caller id are the possible values for this. This is directly compared to the sender of SMS or the caller's number.

**Block** - This is the job to be done if the caller/sender's number matches the above rule.

**smtwtfs 12:00a - 11:59p** - This is the schedule to when the rule should be implemented. Small letter of the day means that it is disabled on those particular days (e.g. smtwtf); capital letter denotes that it is enabled (e.g. last letter S). The last parameter is the specific time.

## Creating a New Rule

Creating or editing a rule is as simple as composing an SMS. It is divided in 3 sections:

Action – Contains the job to be done when When and Who are successfully met.

When – Contains the day and time when the rule should be applied on.

Who – Contains the phone number, contact category, and any other contacts details. This section also has the SMS content filter.

### Action Section

The image shows two side-by-side screenshots of the SMS Machine interface. The left window is titled "Edit SMS Rule" and the right window is titled "Add New SMS Rule". Both windows have three tabs: "Action", "When", and "Who". Under the "Action" tab, there is a section "Enable for:" with two checkboxes: "SMS" and "Calls". In the "Edit SMS Rule" window, both checkboxes are checked. In the "Add New SMS Rule" window, only the "Calls" checkbox is checked. Below this, there is a "Do:" dropdown menu. In the "Edit SMS Rule" window, the dropdown is set to "Auto Reply then Block" and there is a text input field containing "I'm away. I will contact you later. Thanks!". In the "Add New SMS Rule" window, the dropdown is open, showing a list of options: "Auto Reply with SMS", "Auto Reply then Block", "Block", "Pickup & Hangup", "Normal", and "Rule Disabled". Both windows have "Save", "Done", and "Delete" buttons at the bottom.

### Enable for checkboxes

SMS Machine lets you handle both SMS and calls in 1 rule. Just check the box that corresponds to your need.

Remember, the incoming SMS and call from the same phone number could be in different format. Let's say, one of your contacts has the phone number +1541234567. If that contact sends an SMS, the caller id could be 0541234567 while voice call could be 1541234567.

### Do drop-down

It contains the job that needs to be done. Every job is applicable to both SMS and call. No caller id only has 3 options Block, Normal, and Disabled.



### QuickText Template.

This contains the pre-formatted text. You may add, edit, change the order, or delete the templates.

The image shows two side-by-side screenshots of the SMS Machine interface. The left window is titled "Edit SMS Rule" and the right window is titled "Add/Edit SMS Template". Both windows have three tabs: "Action", "When", and "Who". Under the "Action" tab, there is a section "Enable for:" with two checkboxes: "SMS" and "Calls". In the "Edit SMS Rule" window, both checkboxes are checked. In the "Add/Edit SMS Template" window, only the "Calls" checkbox is checked. Below this, there is a "Do:" dropdown menu. In the "Edit SMS Rule" window, the dropdown is open, showing a list of templates: "Sorry, I'm not available to take ur ...", "Sorry, I cannot attend to my phon...", "I'm away. I will contact you later. T...", "Hi! I'm sleeping. I'll get in touch with ...", "Hi! I'm in a meeting. I will get in touc...", "Hello! I'm busy at the moment. I will...", and "-Edit Templates-". In the "Add/Edit SMS Template" window, there is a text input field containing the same list of templates. Both windows have "OK", "New", "Edit", and "Delete" buttons at the bottom.

## When Section

This section contains the day and time when a rule should be implemented. E.g. Set 12:00 am to 6:00 am for all days to auto-reply then block all incoming SMS and calls to let them know that you cannot be bothered while sleeping. Hehe.



The 'Edit SMS Rule' dialog box, 'When' tab. It features three tabs: 'Action', 'When' (selected), and 'Who'. Under 'Enable on:', there are seven buttons for days of the week: S, M, T, W, T, F, S. Under 'Between:', there are two time input fields: '12:00 am' and '11:59 pm', separated by the word 'and'. At the bottom are 'Save', 'Done', and 'Delete' buttons.

## Who Section



The 'Edit SMS Rule' dialog box, 'Who' tab. It features three tabs: 'Action', 'When', and 'Who' (selected). Under 'Type:', there is a dropdown menu showing 'Phone Number'. Under 'Matching:', there is a text input field containing '+639227959065'. Under 'And Text:', there are four empty text input lines. At the bottom, there is an 'Exact Text Match' checkbox (unchecked) and 'Save', 'Done', and 'Delete' buttons.



The 'Edit SMS Rule' dialog box, 'Who' tab. It features three tabs: 'Action', 'When', and 'Who' (selected). Under 'Type:', there is a dropdown menu showing 'Phone Number'. A context menu is open, showing 'Category', '[Not in Contacts]', and '[No Caller ID]'. Under 'Matching:', there is a text input field containing '[Not in Contacts]'. Under 'And Text:', there are four empty text input lines. At the bottom, there is an 'Exact Text Match' checkbox (unchecked) and 'Save', 'Done', and 'Delete' buttons.

## Contact Type

It contains the phone number, category, or any possible contact number imaginable.

Wild card rule is only applicable to Phone Number type e.g. +1504\* or \*504\* to filter only the number that contains +1504 in the beginning and any number that contains 504, respectively.

## Matching

Contains the wild card, phone number or the category that has been selected.

## And Text

The text is only applicable for incoming SMS. Enabling the **Exact Text Match** option requires the 100% exact match of the incoming SMS and it's case sensitive. Disabling it will make SMS Machine search the text anywhere in the SMS. Leave it blank to not search for anything.

## Name/Desc

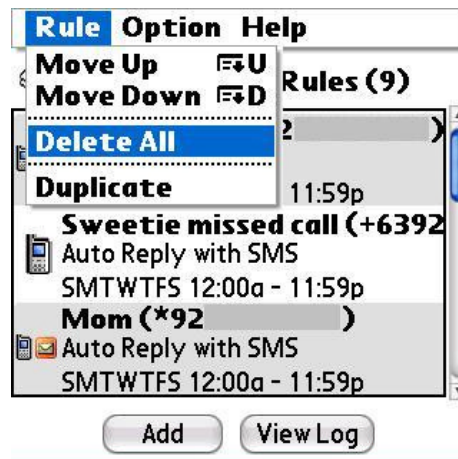
This is the ability to add description or name to a specific Auto-Answer rule which makes it easier to know what the rule is for.



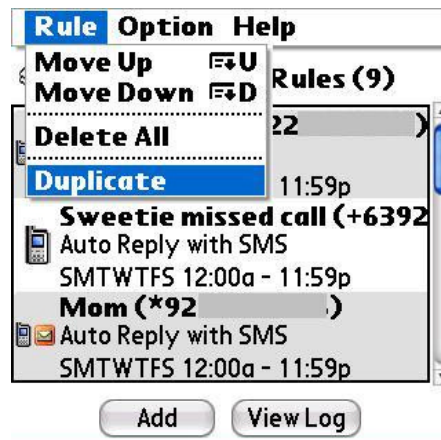
The 'Edit SMS Rule' dialog box has three tabs: 'Action', 'When', and 'Who'. The 'Who' tab is selected. It contains the following fields and controls:

- Type:** A dropdown menu with '[Not in Contacts]' selected.
- Matching:** A text field containing '1443\*'. Below it is a checkbox labeled 'Exact Text Match' which is unchecked.
- Name/Desc:** A text field containing 'Block all 443 area code', which is highlighted with a red border.
- And Text:** Two empty text fields.
- At the bottom are three buttons: 'Save', 'Done', and 'Delete'.

Delete All menu. This will delete all auto-answer rules.



Duplicate menu. This will create an exact copy of an existing rule.





SMS Machine supports multiple [Not in Contacts] rule and wild card.

- a. Can now accept multiple [Not in Contacts] rules with different wildcard entries.



- b. Can ONLY accept blank and wildcarded (\* and ?) 'Matching' field support. Full phone number and \* (ALL) filters are still handled by Phone Number Type in the Who tab.

**Edit SMS Rule**

Action When **Who**

**Type:** [Not in Contacts]

**Matching:** 1443\*

**Name/Desc:** All area code 443

**And Text:**

☐ Exact Text Match

Save Done Delete

**Edit SMS Rule**

Action When **Who**

**Type:** [Not in Contacts]

**Matching:**

**Name/Desc:** All unknown contacts

**And Text:**

☐ Exact Text Match

Save Done Delete

## Preferences

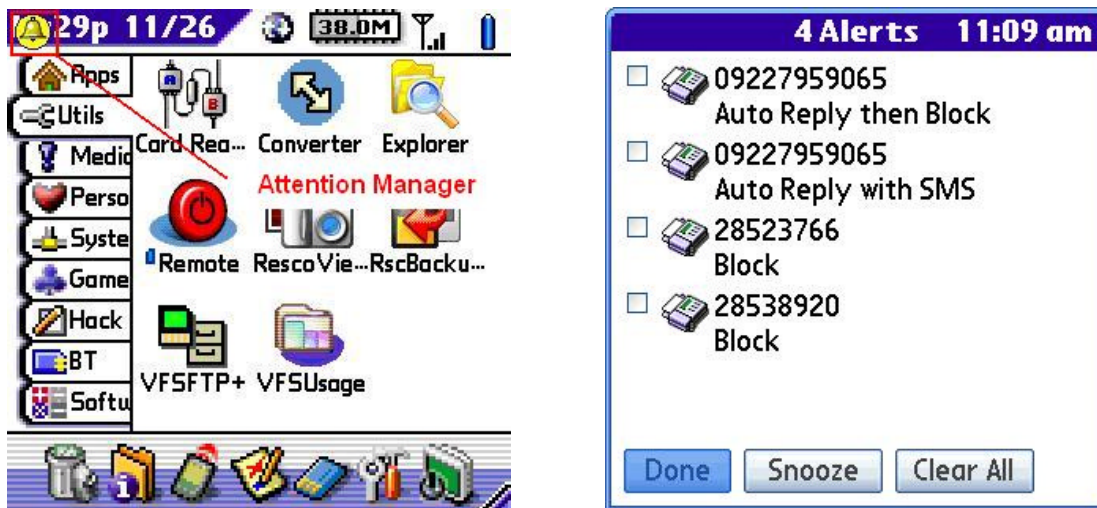


### Notify Using Attention Manager

If turned on and a rule has been satisfied and implemented, you would see a bell or snow flakes on the upper leftmost of the screen.

This will come handy when you need to be notified if someone has been blocked or auto-replied.

You may directly go to Call/SMS Logs by clicking the yellow bell or snow flakes and select any item from the alerts.



### Play Sound

This option lets you select a sound in conjunction with **Notify Using Attention Manager**. Both should be enabled to make it work. Internal MIDI tones or Mp3 added by Minitones or MusicTone are all supported. \*Setting up sound will be discussed next.

### Password Protect

This option when enabled will ask you for a password when running SMS Machine.

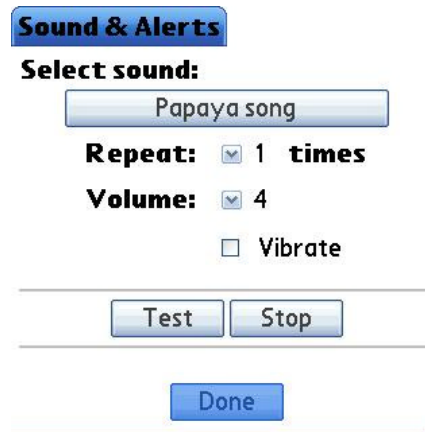
## Log all incoming nos. to a text file option

This logs the numbers from ALL incoming SMS and calls. Designed to help and determine the right pattern of the mobile numbers to be used on the Auto-answer rules.

NOTE: On some network, No Caller ID is just a plain blank incoming number. On US Verizon, No Caller ID could be a plain exclamation mark (!). So if you are with Verizon and set a rule to block a [No Caller ID], it won't work. The solution is to set a Phone Number rule with exclamation mark (!) as the phone number. Since ! is the No Caller ID for this particular network. This also applies to all incoming numbers. If the rule you set does not work, then you should check the exact format of the incoming SMS sender and caller' number through enabling this option.

## Setting up a Sound Alert

Sound & Alerts is accessible by going the Preferences (Press menu + P). **Play Sound** option should be enabled to make this work.



**Sound & Alerts**

Select sound: Papaya song

Repeat: ☒ 1 times

Volume: ☒ 4

☐ Vibrate

Test Stop

Done

### Select button

Choose any MIDI or Mp3 of your choice.

### Repeat drop down

This will repeat the sound of your choice by the specified times.

### Volume

The alert volume is independent from the System Volume.

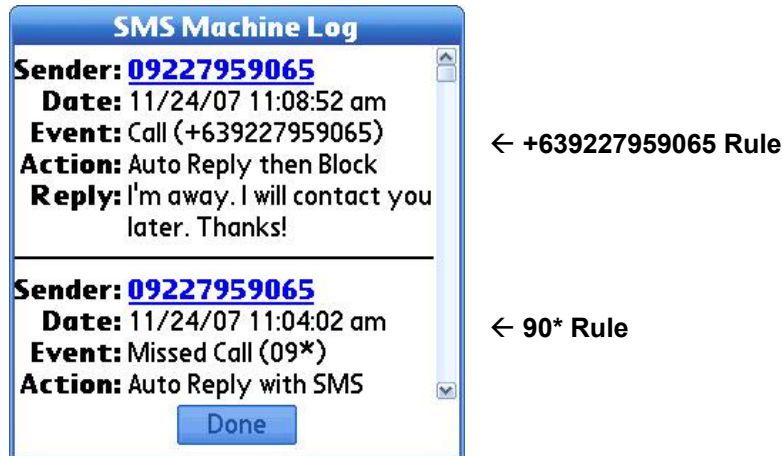
### Vibrate

Enable if you want to be alerted by few vibrations.

## SMS Machine Log

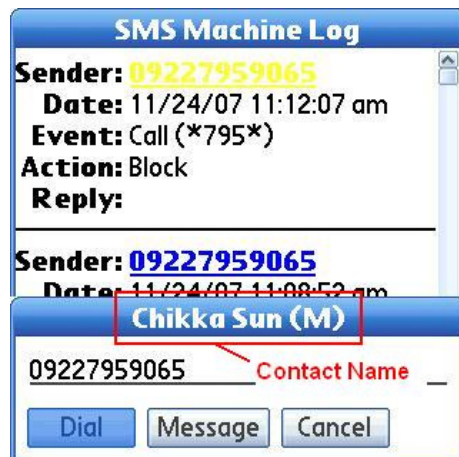
SMS Machine implements a smart logging. Every task done by the rules will be logged here. In tandem with **Notify Using Attention Manager**, you may directly go to the log on-the-fly. But everything will still be logged without enabling it.

From this log, you may call, SMS, or check for the name who owns the phone number in your phonebook.



Smart rich text logs lets you navigate to clickable numbers, email addresses, or URL's. Clicking a number will pop up a new window. Clicking an email address will launch the default email handler e.g. SnapperMail, Chatteremail, Versamail. Clicking a URL will launch the default internet browser e.g. Blazer.

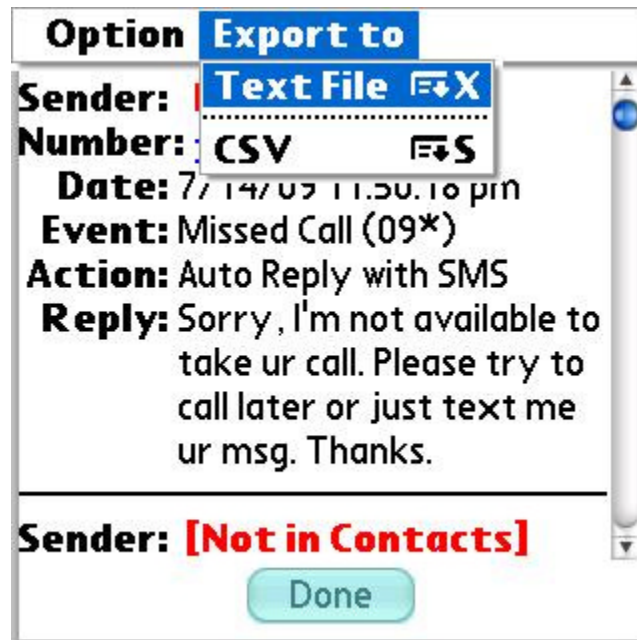
Clicking the Dial button will automatically dial the phone number in the log. Clicking the Message button will launch the default SMS handler e.g. **PictureSMS (the best replacement for the built-in messaging app)**.



## Exiting the Log

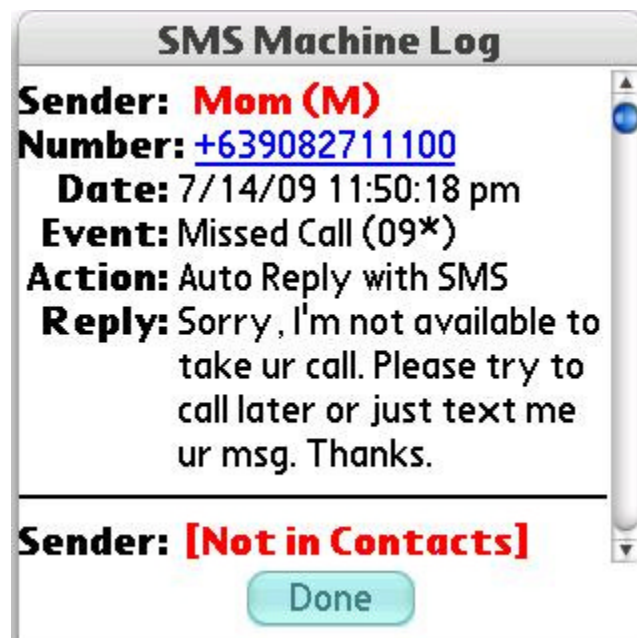
If you are seeing a yellow highlight on any number then the **Done** button is not yet clickable. Just press the up or down button to go to the **Done** button until you don't see a yellow highlight.

Options to export SMS Machine Log to text file and CSV (tabulated records readable by Microsoft Excel or Open Office on your desktop computer).

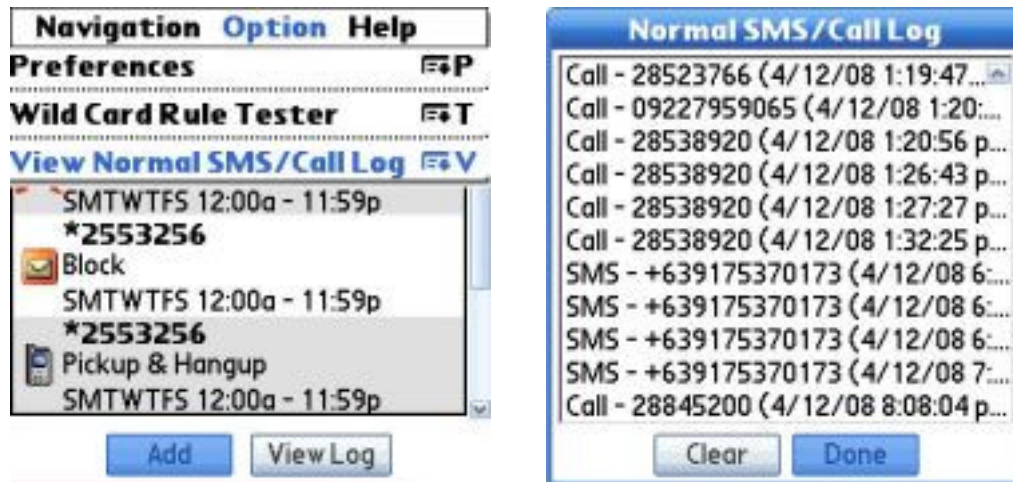


This is the new and improved SMS Machine Log:

- a. Shows the name (caller id) of the caller or sender.
- b. Shows the sender or caller's number.
- c. Shows the rule that filtered the incoming calls.
- d. More organized and more informative.



## Built-in viewer for the Normal Text Log



This is DIFFERENT from SMS Machine Log. This log contains all the phone numbers of the incoming SMS and calls. Its primary purpose is to help determine the right pattern of the mobile numbers to be used on the Auto-answer rules.

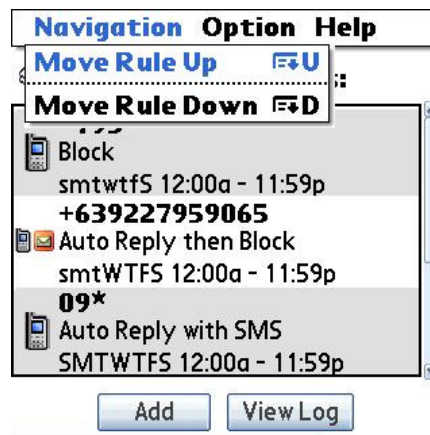
NOTE: On some network, No Caller ID is just a plain blank incoming number. On US Verizon, No Caller ID is a plain exclamation mark (!). So if you are with Verizon and set a rule to block a [No Caller ID], it won't work. The solution is to set a Phone Number rule with exclamation mark (!) as the phone number. Since ! is the No Caller ID for this particular network. This also applies to all incoming numbers. If the rule you set does not work, then you should check the exact format of the incoming SMS sender and caller' number through enabling this option.



## Changing the Rule Order

SMS Rules are evaluated from top to bottom. Once a rule is evaluated to be TRUE, no other rules are evaluated, and the action of that rule will be implemented.

Using the Treo/Centro navi keys, highlight the rule then press menu. Select between Move Rule Up and Move Rule Down.



Using the Treo/Centro navi keys, highlight the rule then press menu. Select between Move Rule Up and Move Rule Down.

## WildCard Rule Tester

The tester is accessible by pressing menu + T. Suntzu Software acknowledges the power of the the WildCard Rule. Sooner or later you will find it very useful.

This feature will let you test the wildcard rule before using it in real life situation. It will also help you to compose and test your own custom wild card rule.

Wildcard Rule Test	Wildcard Rule Test	Wildcard Rule Test
<b>Enter the phone number:</b> 09227959065	<b>Enter the phone number:</b> 09227959065	<b>Enter the phone number:</b> 09227959065
<b>Enter the wildcard rule:</b> 0922*	<b>Enter the wildcard rule:</b> 0922*	<b>Enter the wildcard rule:</b> 0922*
<input type="button" value="Test"/> <input type="button" value="Clear"/>	<b>SMS Machine</b> <b>The number is valid for the wild card rule.</b>	<b>SMS Machine</b> <b>The number is NOT valid for the wild card rule</b>
<input type="button" value="Done"/>	<input type="button" value="OK"/>	<input type="button" value="OK"/>

### Important Note:

*Normal* SMS rule is now the greatest equalizer among the rules. If set to a contact or group of contacts, SMS and calls will be handled normally and no other SMS rules next after will be evaluated. And if there is a need for an *Auto-Reply with SMS* for missed call, create the rule and place it after the contact's *Normal* rule.

This new feature is useful if you want to block everyone EXCEPT for one person like your wife/husband or a group of people like your friends.





## Wildcard Rule In-Depth

Remember, the rules are evaluated from top to bottom. If the first rule has been satisfied, no other rules will be evaluated.

? - A wildcard for a single character. E.g. +1504???????

\* - A wildcard for multiple characters. E.g. +1504\*

The best place to check the incoming phone numbers' format is at your Treo's call log. Then you can test all the wildcard examples on the tester.

### Example 1:

Let's say you want to block a series of numbers that a telemarketer uses.

The telemarketer's numbers: 28529077, 28533309, 28522238, 28548735

Normally, you would create a block rule for each number. So that would be 4 rules already.

**Easiest way is to use the wildcard on the rules:**

1. ?85\* (? means any 1-digit number before 85, \* means any number following 85)
2. 285\* (\* means any numbers following 285)
3. ?85???? (? means any 1-digit number before 85, ????? means any 5-digit number after 85)

**Add New SMS Rule**

Action When **Who**

**Type:** ☒ Phone Number

**Matching:** 285\*

**And Text:**

☐ Exact Text Match

Save Done

or

**Add New SMS Rule**

Action When **Who**

**Type:** ☒ Phone Number

**Matching:** ?85\*

**And Text:**

☐ Exact Text Match

Save Done

### Example 2:

Let's say you want to auto-reply and/or block ANY incoming numbers.

**Easiest way is to use the wildcard on the rules:**

1. \* (\* means any or all numbers)

**Add New SMS Rule**

Action When **Who**

**Type:** ☒ Phone Number

**Matching:** \*

**And Text:**

☐ Exact Text Match

Save Done

### Example 3:

Let's say you want to auto-reply and/or block all the numbers that contain a specific area code.

Easiest way is to use the wildcard on the rules:

1. 1504\* (\* means any numbers following 1504)
2. 1504??????? (??????? means any 7-digit numbers following 1504)

**Add New SMS Rule**

Action When **Who**

**Type:** ☒ Phone Number

**Matching:** 1504???????

**And Text:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

☐ Exact Text Match

Save Done

### Example 4:

Let's say you want to auto-reply and/or block all the numbers that contain specific digits.

Let's block all the numbers that contain '795'.

Easiest way is to use the wildcard on the rules:

1. \*795\* (\* means any numbers or length of digits before and after 795)
2. ????795???? (???? means any 4-digit numbers before and after 795)

**Add New SMS Rule**

Action When **Who**

**Type:** ☒ Phone Number

**Matching:** \*795\*

**And Text:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

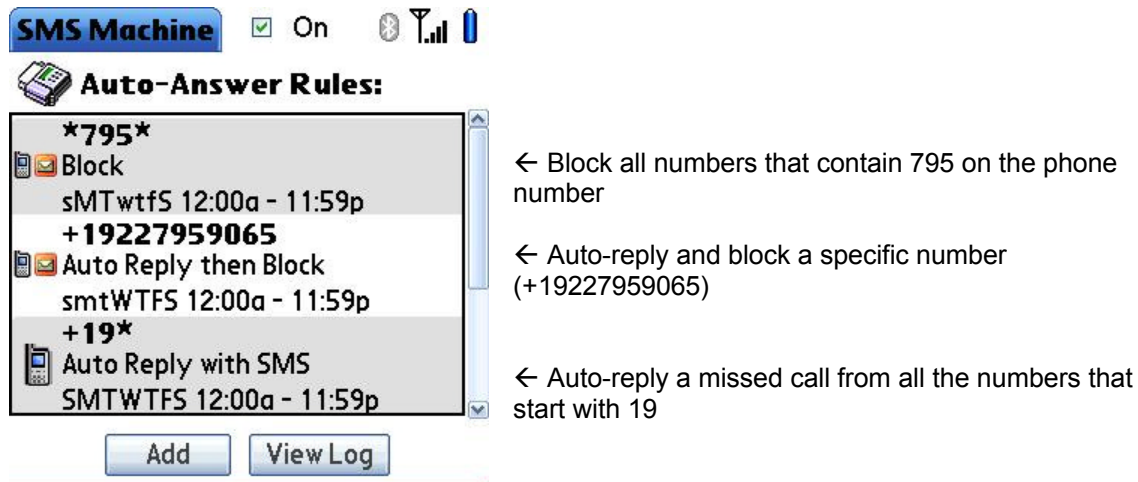
☐ Exact Text Match




Save Done

## Rule Order

The rule order plays a vital role on effectively filtering the contacts.

Let's use a set of rules as an example:



**SMS Machine** ☒ On   

**Auto-Answer Rules:**

- \*795\***  
Block  
sMTWtF5 12:00a - 11:59p  
**+19227959065**
- Auto Reply then Block**  
smtWTFS 12:00a - 11:59p  
**+19\***
- Auto Reply with SMS**  
SMTWTFS 12:00a - 11:59p

← Block all numbers that contain 795 on the phone number

← Auto-reply and block a specific number (+19227959065)

← Auto-reply a missed call from all the numbers that start with 19

Let's say a contact with the phone number 19227959065 is calling or sending SMS, SMS Machine will search the rules that matches for that contact. If the third rule matches which is Auto-reply on a missed call then it would wait if it would be a missed call. If no rule matches, nothing will be done. In this case, the first rule has been sufficed. So the call will be blocked on the whole day (12:00 am to 11:59 pm) of Monday, Tuesday and Saturday (sMTWtF5).

On the whole day (12:00 am to 11:59 pm) of Wednesday, Thursday, Friday and Saturday (smtWTFS), the first rule will be bypassed and the second rule will be implemented.

All numbers except 19227959065 will be accepted and delegated to your ringtone manager.

All missed calls from all numbers that start with 19 except 19227959065 will be auto-replied. This is because the first 2 rules will block 19227959065.

Making the first 2 rules as Normal or Rule Disabled will make 19227959065 qualified for the 3<sup>rd</sup> rule.

## Possible Reasons Why SMS Machine Failed:

1. Wrong order of rules
2. Rule not in schedule
3. Wrong rule
4. Wrong choice between SMS and Call
5. Caller ID doesn't match any rule

**Suntzu Software**

[www.suntzu-software.com](http://www.suntzu-software.com)