



Message Mirror

User Manual

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Chapter 1

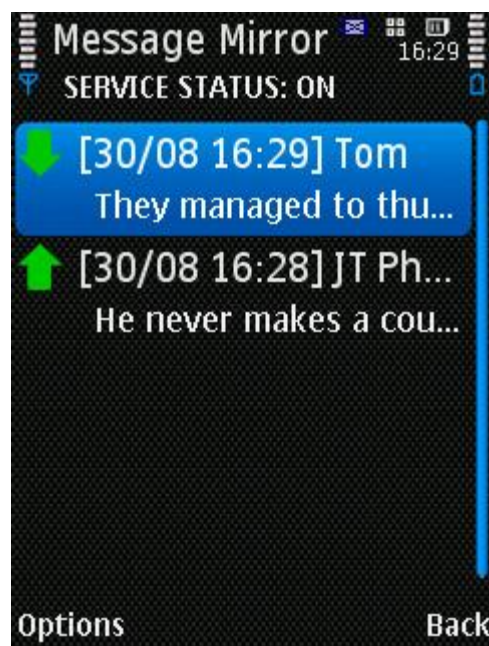
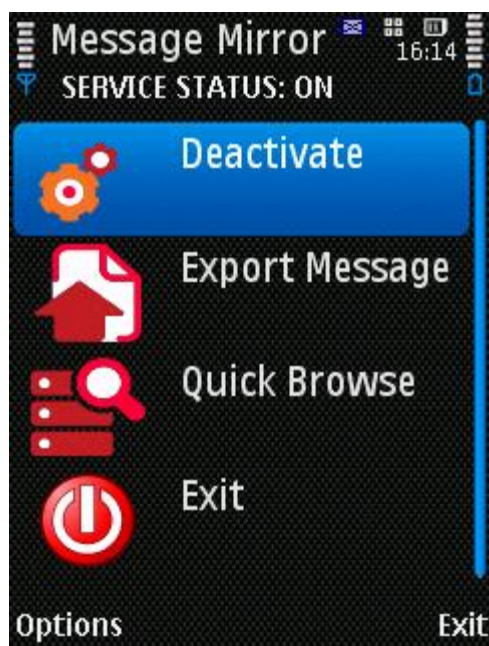
Introduction

Message Mirror is one of the tools you must have on your phone. **Message Mirror** can help you:

- Find deleted messages and call log.
- Restore deleted messages to INBOX and SENTBOX folders.
- Backup messages and call log.
- Secrete private messages.

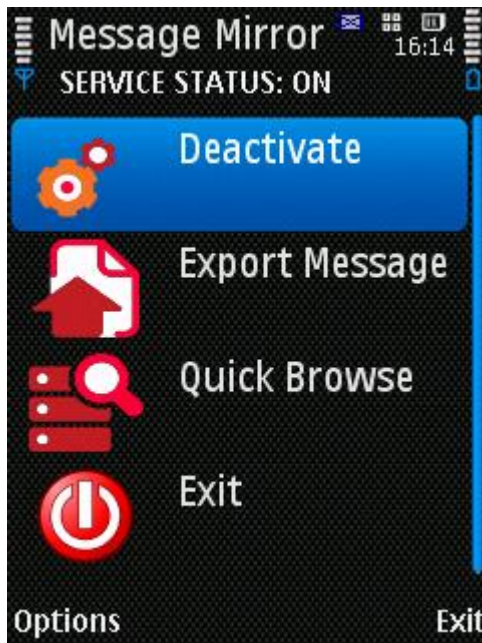
Message Mirror monitors all incoming and outgoing messages (SMS and MMS) and call activities on your phone and backups them in a database. The database is a "mirror" of your messages and call log. Therefore you can browse messages and call log in this application even if you have deleted them from phone. You are able to restore deleted SMS/MMS back to phone message folders. You can also export all messages and call log to a file. You can send the file to PC/Email/MMS address/Phone storage. Type of the file can be TEXT, HTML, CSV or XML. Besides, you can set a password to restrict access to **Message Mirror** – this way you can make your private messages safe.

Below are some screenshots of **Message Mirror**.



Chapter 2

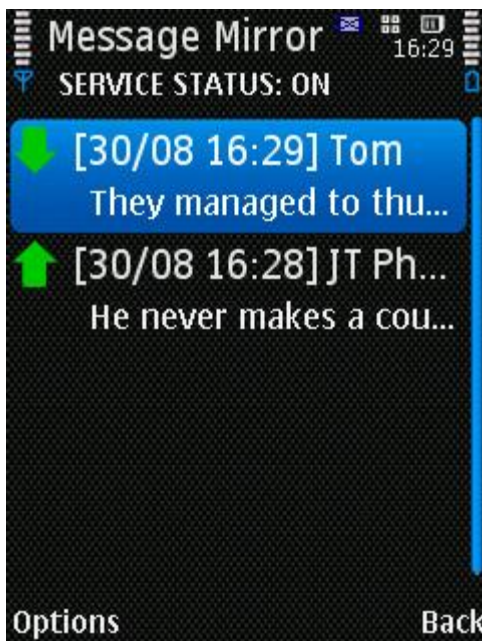
Settings Guide



When you open **Message Mirror**, main console of the application will show up. With the console you can

- Activate/Deactivate mirroring service. Only when mirroring service is switched on, messages and call log are mirrored.
- Export mirrored messages. You can export all mirrored messages and call log to a file. Type of the file can be TEXT/HTML/CSV/XML. You can send out the file via Bluetooth/Infrared/MMS/Email or store the file in phone storage.
- Browse all mirrored messages and call log on the phone.

Quit application console does not affect mirroring status.



With **Message Mirror** you can browse all mirrored messages.

You can search for messages by phone number, contact name or key words.

You can restore messages back to phone INBOX folder and SENTBOX folder. (MMS is restored to SMS with text only.)

Click "Options" -> "Settings", you can set **Message Mirror** configuration.





- **Auto start** - Automatically start mirroring upon phone is powered on.
- **Display indicator icon** - Display a small icon at top of phone screen when mirroring status is on.
- **Horizontal position** - Set horizontal position of indicator icon.
- **Vertical position** - Set vertical position of indicator icon.



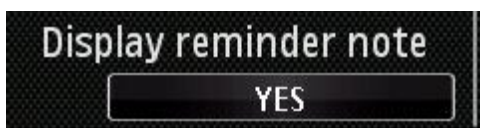
- **Mirror incoming msg** - Enable/Disable monitoring for incoming messages.
- **Mirror outgoing msg** - Enable/Disable monitoring for outgoing messages.
- **Mirror MMS** - Enable/Disable monitoring for multimedia messages (MMS). The application can mirror the text part of MMS (up to 1000 characters).
- **Mirror call log** - Enable/Disable monitoring for call activities.



- **Enable black list** - Enable/Disable black list. When black list is enabled, message from/to the numbers in black list is not mirrored.
- **Black list** - Set phone numbers of black list. Put “,” as separator between phone 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. For instance, *44831* stands for any number contains "44831". 992???? stands for any 8 digits number starts with 992. Be noted operators often insert country code before phone numbers.
- **Enable white list** - Enable/Disable white list. When white list is enabled, only message from/to the numbers in white list is mirrored.



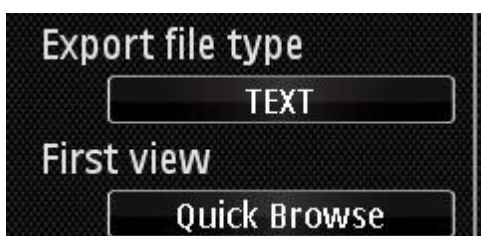
- **White list** - Set phone numbers of white list. (Refer to **Black list**.)
- **Enable secret list** - Enable/Disable secret list. When secret list is enabled, message from/to the numbers in secret list is mirrored and be automatically deleted from phone Inbox/Sentbox. Secret list has a higher priority than black/white list.
- **Secret list** - Set phone numbers of secret list. (Refer to **Black list**.)



- **Display reminder note** - When secret list is enabled, you can set the application to display a reminder note when an incoming message from secret number is received.



- **Prohibited word** - The incoming message content is checked for prohibited words. If the content contains any prohibited word, the message is not mirrored. You can set many prohibited words, put "," as separator.
- **Restrictive word** - The incoming message content is checked for restrictive words. If the content does NOT contain any restrictive word, the message is not mirrored. You can set many restrictive words, put "," as separator.
- **Max mirror number** - Set the maximum number of messages to be stored in database. When the max capacity is reached, new message record will overwrite old ones. "0" means no limit.
- **Export method** - Select a method for exporting messages. You have 5 options: **Email**, **MMS**, **Bluetooth**, **Infrared** and **Phone storage**.



- **Export file type** - Select a file type for exporting messages. You have 4 options: **TEXT**, **HTML**, **CSV** and **XML**.
- **First view** - Set the first view you want to see when opening the application. You have 2 options, "**Main Console**" and "**Quick Browse**".





- **Password** - Set a password to restrict access to **Message Mirror**. The password should contain 1-8 characters. Password is encrypted and stored on your phone. Once you have set a password, each time you open **Message Mirror**, you need to login with password.
- **Start timer** - Time to start mirroring. Start timer must be earlier than stop timer. If start timer is not earlier than stop timer, **Message Mirror** will always mirror messages.
- **Stop timer** - Time to stop mirroring. Start timer must be earlier than stop timer. If start timer is not earlier than stop timer, **Message Mirror** will always mirror messages.



Chapter 3

Export File Types

When you export mirrored messages, **Message Mirror** converts mirrored messages to a log file. Four file types are supported: TEXT, HTML, CSV and XML. Below are some examples:

TEXT file example:

SMS	28/10/2007 17:53	Incoming	+8613509600001	They managed to thumb a lift to Paris.
MMS	28/10/2007 17:52	Outgoing	+8613509612345	Patience is a mark of confidence.

Messages are converted with their properties (event type, time, phone number, direction, etc) in UTF8 encoding. One message is one line in the text file.

HTML file example:

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en" lang="en">
<head>
  <title>Message History</title>
  <meta http-equiv="Content-Type" content="text/html; charset=utf-8"/>
</head>
<body>
<table border="1" width="100%">
  <tr>
    <td>SMS</td>
    <td>28/10/2007 17:53</td>
    <td>Incoming</td>
    <td>+8613509600001</td>
    <td width="50%">They managed to thumb a lift to Paris.</td>
  </tr>
  <tr>
    <td>MMS</td>
    <td>28/10/2007 17:52</td>
    <td>Outgoing</td>
    <td>+8613509612345</td>
    <td width="50%">Patience is a mark of confidence.</td>
  </tr>
</table>
</body>
</html>
```

Open the HTML file in browser, you will see as below.



SMS	28/10/2007 17:53	Incoming	+8613509600001	They managed to thumb a lift to Paris.
MMS	28/10/2007 17:52	Outgoing	+8613509612345	Patience is a mark of confidence.

CSV file example:

The CSV ("Comma Separated Value") file format is often used to exchange data between disparate applications.

```
"EVENT","TIME","DIRECTON","PHONE NUMBER","MESSAGE CONTENT"
"SMS","28/10/2007 17:53","Incoming","+8613509600001","They managed to thumb a lift to Paris."
"MMS","28/10/2007 17:52","Outgoing","+8613509612345","Patience is a mark of confidence."
```

Open the CSV file in Microsoft Excel, you will see as below.

EVENT	TIME	DIRECTON	PHONE NUMBER	MESSAGE CONTENT
SMS	28/10/2007 17:53	Incoming	8613509600001	They managed to thumb a lift to Paris.
MMS	28/10/2007 17:52	Outgoing	8613509612345	Patience is a mark of confidence.

Note: Microsoft Excel cannot read UTF8 encoded CSV file. If you have problems to open a CSV file in Microsoft Excel, please convert your messages to XML format.

XML file example:

The Extensible Markup Language (XML) is a general-purpose markup language. You may import messages data to any of your desired application which supports XML format.

```
<?xml version="1.0" encoding="utf-8"?>
<document>
<row>
<EVENT>SMS</EVENT>
<TIME>28/10/2007 17:53</TIME>
<DIRECTION>Incoming</DIRECTION>
<NUMBER>+8613509600001</NUMBER>
<CONTENT>They managed to thumb a lift to Paris.</CONTENT>
</row>
<row>
<EVENT>MMS</EVENT>
<TIME>28/10/2007 17:52</TIME>
<DIRECTION>Outgoing</DIRECTION>
<NUMBER>+8613509612345</NUMBER>
<CONTENT>Patience is a mark of confidence.</CONTENT>
</row>
</document>
```

You can also open the XML file in Microsoft Excel.



Chapter 4

Support

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

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



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