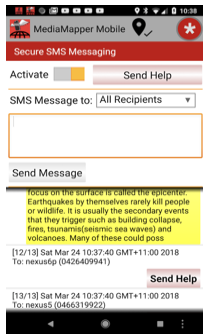


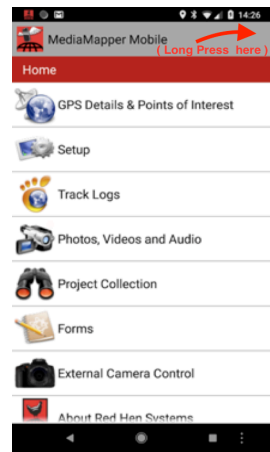
MediaMapper Mobile V3.22 - Secure SMS Messaging – Configuration Summary

i. Opening the Secure SMS Message activity screen

Start the MediaMapper Mobile app, when the Home screen appears ‘long press’ in the top right-hand corner of the grey title bar.



This will open and display the (hidden) Secure SMS Messaging screen.



To Configure, press here



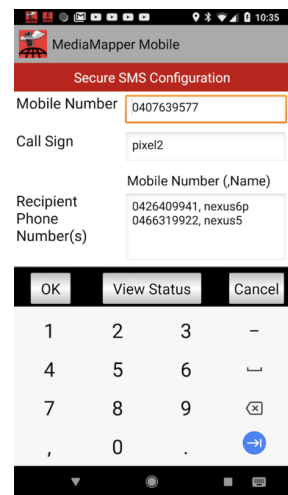
ii. Configuration of user settings and messages

Before secure Help and secure SMS messages can be sent and received, message recipients need to be configured on each participating phone device. Long press on the red and white star icon in the top right-hand corner of the grey title bar to access the Configuration Screen.

In the Configuration Screen enter your own Mobile Phone Number and a Call Sign name in the first two entry fields.

Next enter individual Recipient Phone Number(s) and Name(s) on separate lines in the multi-line entry field.

Be sure to include a comma between each phone number and name.



Note that it is strongly recommended that you configure details for single pairs of devices, on **both** devices at the same time.

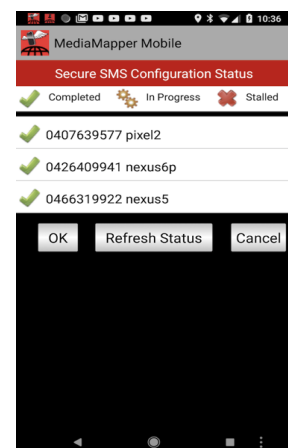


Double check that all entered details are correct, then press the ‘View Status’ button to save the entered details and view the Configuration Status screen.

The Configuration Status screen will initiate and begin the configuration process, showing the current configuration progress status of your own device and each Secure SMS message recipient’s device.

During the configuration process each pair of sender and recipient devices will exchange a series of encrypted SMS messages that informs each device about their partner’s (public key encryption) details. This exchange of several configuration SMS messages may take several minutes before the process is completed successfully for each device as denoted by a green tick icon.


Be sure to check on **both** devices that each partner has completed the configuration process ok before attempting to send each other secure Help messages and secure SMS messages. When configuration is completed ok, exchange a few secure SMS text messages to test the system is functioning correctly between configured recipients.




See the following Trouble shooting section following for further details regarding Configuration Status.

iii. Sending Help Messages

Sending secure Help & SMS messages can only be performed after successfully completing the Configuration process sequence for each participating device, (refer section ii).

Open the Secure SMS Messaging screen, (refer section i) & check GPS fix is ready 

Press the Activate toggle switch button  to arm the system,

then press the 'Send Help' button .

A secure 'Send Help' message request will be sent to **all** recipients.

iv. Sending and Replying to secure SMS Text Messages

First select the desired message recipients by pressing on the drop-down list adjacent to 'SMS Message to':


From the dialog screen tick (or untick) each message recipient, then press the 'Select' button. Alternatively press the 'Select ALL' button.


Press in the multiline text entry field to enter the message text using the onscreen keyboard (or microphone to dictate a message). Alternatively, long press in the multiline text entry field to 'paste' text that may have been 'copied' from an external app. Text message length is limited to a maximum of 600 characters only, longer messages will be truncated.

Press the 'Send Message' button to send the message to each of the selected recipients.

To Reply to a previous message, press on the message in the scrolling message list and select the 'Reply' option, this will automatically select that recipient only. Enter the text message reply and press the 'Send Message' button.

v. Suggestions/Trouble shooting/FAQ

Before sending Secure Help messages and Secure SMS text messages be sure to wait until a good GPS fix is available as indicated by the  title bar icon where practical.

Messages may still be sent when a GPS fix is not currently available, as indicated by the  title bar icon however, the Location information that accompanies the secure Help or secure SMS text message may be old and not up to date. The age of Location information provided can be checked by generating a PDF report ^{*1}.

When multiple recipients are to be used in the predetermined contact list, it is suggested that individual recipient Mobile Numbers and Names are added one at a time to the Secure SMS Configuration screen and that configuration is allowed to be completed successfully on both devices from the Secure SMS Configuration Status screen before adding further entries to the predetermined contact list.

Trouble shooting during Configuration - Pressing the 'Refresh Status' button will force the app to re-examine and display the current configuration status of each Recipient entry.

Pressing on any of the individual Recipient entry items in the list will display the following dialog option - The 'Reset & Retry' Configuration Option can be used to request that the Recipient device re-send its latest Public Certificate (asymmetric encryption) Key and recommence the configuration message exchange sequence. This is used where the configuration has not been completed successfully with the Recipient device, or where the Recipients Phone Number has been subsequently transferred to a different Android device, eg by removing the SIM card from a previously configured Android Device and inserting the SIM card into a different Android device. ^{*1} See the MMM User Guide Section 19 for further details.

Which versions of Android are supported? Secure SMS Messaging is designed to work on Android V6.0+ devices, for best results try using recent Android devices running Android OS V7.0 or V8.1+ where possible to avoid message delivery delays.

How many recipients can be entered? While the number of message recipients is not artificially limited, it is suggested that only a small number be used, 4 to 6 is practical due to the configuration complexity of larger numbers of recipients.

Are abbreviated dialing codes supported? Mobile phone Numbers should be entered in their entirety, that is using the full numeric international dialing codes where necessary, use of abbreviating dialing codes such as '+' symbol is not supported.

