



# Messages

## Getting Started with Detective

The Messages section aggregates texts messages from the device and applications along with emails.

All sections and analytics are laid out in a 3 column fashion across the board making it easier to find the information you are seeking. This document will walk you through what information will be found in each column.

**Column 1**

- Accounts
- Groups
- Contacts
- Sources
  - Apple Messages
  - Kakao Talk
  - Skype
  - Snapchat
  - Twitter
  - Viber
  - WhatsApp Messenger

**Column 2**

Type	Time stamp (Hawaii)	Text
WhatsApp message	04/24/2015 03:32:55 AM (UTC-10)	So we meet tomorrow at 12
WhatsApp message	04/24/2015 03:28:50 AM (UTC-10)	♥♥♥♥♥♥♥♥♥♥
WhatsApp message	04/24/2015 03:28:28 AM (UTC-10)	Oh I remember him nice guy
WhatsApp message	04/24/2015 03:20:36 AM (UTC-10)	Cyding?
WhatsApp message	04/24/2015 03:17:20 AM (UTC-10)	👉👉👉👉👉👉👉👉👉👉👉👉👉👉👉👉
WhatsApp message	04/24/2015 03:16:39 AM (UTC-10)	Let's discuss what we will do this weekend
WhatsApp message	04/24/2015 03:16:27 AM (UTC-10)	Hi guys
WhatsApp message	04/24/2015 03:16:22 AM (UTC-10)	Weekend plans
WhatsApp message	04/24/2015 03:26:01 AM (UTC-10)	John Leach
WhatsApp message	04/24/2015 03:32:15 AM (UTC-10)	📎 /private/var/mobile/Applications/net.whatsapp.WhatsApp/Library/Media/796
WhatsApp message	04/24/2015 03:36:46 AM (UTC-10)	Great see you
WhatsApp message	04/24/2015 03:33:21 AM (UTC-10)	Yes the central park entrance
WhatsApp message	04/24/2015 03:32:21 AM (UTC-10)	Cute
WhatsApp message	04/24/2015 03:32:01 AM (UTC-10)	Found his photoc
WhatsApp message	04/24/2015 03:25:43 AM (UTC-10)	My friend john leach
WhatsApp message	04/24/2015 03:25:23 AM (UTC-10)	Who is John?
WhatsApp message	04/24/2015 03:25:08 AM (UTC-10)	Probably john will join us
WhatsApp message	04/24/2015 03:21:50 AM (UTC-10)	Some nice cafe
WhatsApp message	04/24/2015 03:21:36 AM (UTC-10)	Ok and then?
WhatsApp message	04/24/2015 03:21:09 AM (UTC-10)	The weather is nice
WhatsApp message	04/24/2015 03:20:55 AM (UTC-10)	Yes lets go cycling
WhatsApp message	04/24/2015 03:19:51 AM (UTC-10)	👉👉👉👉👉
WhatsApp message	04/24/2015 03:19:19 AM (UTC-10)	I suggest some outdoor activity
WhatsApp message	04/24/2015 03:18:40 AM (UTC-10)	Mmmm you have nice plans
WhatsApp message	03/30/2015 10:37:13 PM (UTC-10)	📍 N 45.8138161, E 15.9858751 N 45.8138161, E 15.9858751
WhatsApp message	03/30/2015 09:11:37 PM (UTC-10)	📍 N 45.8076401, E 15.9845209 N 45.8076401, E 15.9845209
WhatsApp message	03/30/2015 10:07:51 AM (UTC-10)	📍 מ א ת ה ש ר א ב ג ד ה ו ז ח ט י כ ל מ נ ס ע פ צ ק ר ש ת

**Column 3**

**Details**

- Source: WhatsApp Messenger
- Direction: Outgoing
- Type: WhatsApp message
- Time stamp: 04/24/2015 03:32:55 AM (UTC-10)
- From: Alison <79639955252>
- To: Weekend plans <79639955252-142988...>
- Message ID: 107
- Remote party: 79639955252-1429881...
- Remote party name: Weekend plans
- Content: So we meet tomorrow at 12

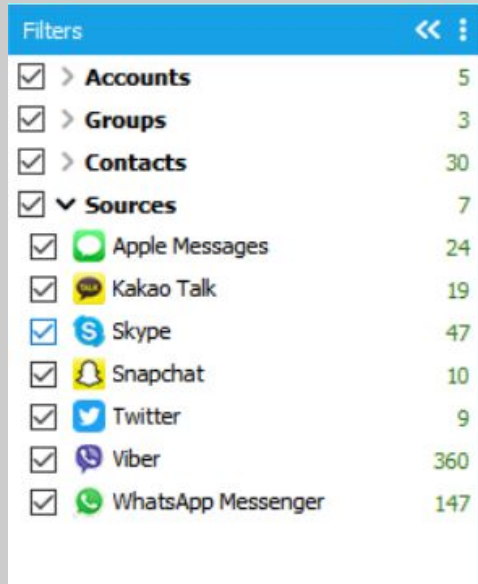
Key Evidence Add tag Note



## Column 1

Where: On the left-hand side of the Messages section

Uses: This is your filter where you can narrow down the content by selection or deselection. Within this column you can choose which types of contacts (Accounts, Groups, Contacts, Sources) to be viewed in Column 2 by unchecking or checking the boxes.



- Accounts: These are all accounts that were setup in this device.
- Groups: Any group communications.
- Contacts: These are all contacts listed within the device and parsed applications.
- Sources: These are all applications that the contact data is being pulled from.



In the lower section of Column 1 you will see a “Find text...” box. This is a quick filter box. Once you start typing in the word or name you are searching for it will automatically highlight the matching characters in the column.

## Column 2

Where: In the center of the section.

Uses: This is your main grid column. Here is where you will see all the content that you have filtered down to on display.

The top bar above column 2:

- To move back to the device information click on the box “Extraction info”
- At the top of the screen is the “Export” function. Here is where you can form a selective report on the Messages section. You will have the following formats to export your report to: PDF, XLSX, XML, HTML
- To clear out your filters there is a “Filters” button at the top of your screen above Column 2. If the “Clear filters” button is greyed out, this indicates that no filters are active and all available information in this section is being displayed.
- The “View” button allows you to control whether or not you see your tags and thumbnails displayed.
- If the “Maps” button is blue this is an indication that there are geo-locations in this section that can be viewed on OxyMaps.



On the upper right-hand of the grid you will see a box labeled “Find text”. This is to filter through your grid to find specific characters. Once you start typing in your word to be filtered down to, you will see the filtered text start to highlight within the grid. If you press enter, your filtered content will be all that is displayed in the grid.

Once you are in the grid inside the Messages section:



- The printer icon: Here is where you can select or deselect items to be included in your report.
- The star icon: This is a location to add items as key evidence. If the star is highlighted yellow, your item has been marked. If it's greyed out, it has not been marked as key evidence.
- The tag icon: Once you start adding tags to your evidence items such as “Important” or “Not relevant” this is where you will start to see your tags show up. If you choose the box “Tags” in the “View” button as mentioned above, you will then not only see a color tag but will see what the tag has been named. This is also a filtering function drop down menu. You can filter to chosen tags only, if you need to do so. You can also arrange the types of tags in an ascending or descending order here.
- The folder icon: Here you can filter by source. Meaning, if you only want to see messages that took place within the Whatsapp application, then you could filter to just that application's messages. All icons under the folder are native to the specific application that the message originated from. You can also arrange the types of applications in an ascending or descending order here.
- The arrow icon: Green arrows indicate an outgoing message, yellow arrows indicate an incoming message, and red arrows indicate a failed message. This is also a filtering dropdown menu where you can filter to which messages (incoming, outgoing, missed) you want

displayed in the grid. You can also arrange the direction of messages in an ascending or descending order here.

- The “Type” dropdown menu: Here is where you can sort through which types of messages you want to see in the grid. If you are only concerned with Skype messages, here is where you can use the appropriate filter for that. You can also arrange the types of messages in an ascending or descending order here.
- The “Timestamp” column: If you click on timestamps, you can arrange the time in ascending or descending order. The time reflecting in the column will be the one native to the device unless you change the timestamp view.
- The “From” and “To” dropdowns: Here, once you click on the dropdown menu, you will see everyone included in this row and you can filter to just those contacts you want to review, whether it be in the “To” or “From” column. You can also arrange the messages in an ascending or descending order here.

The bottom of the grid:

- Here you will find a time filter where you can either use the sidebar or the calendar to filter to the date range you wish to select.
- You can change the view by either looking at the month, day, or hour.

The screenshot displays a messaging application interface. At the top, there's a search bar labeled "Find text...". Below it, a table lists messages with columns for "Type", "Time stamp (Hawaii)", "Text", "From", and "To". The messages are sorted chronologically. At the bottom, there's a "Group by:" dropdown menu with options for "Month", "Day", and "Hour". Below the dropdown is a timeline view showing message activity over time, with a date range from "Friday, March 13, 2015 12:00 pm" to "Thursday, May 7, 2015 12:59 am".

Type	Time stamp (Hawaii)	Text	From	To
WhatsApp message	04/24/2015 03:32:55 AM (...)	So we meet to...	Alison <7963995...>	Group: Weekend plans <79639955252-1429881382@g.us>
WhatsApp message	04/24/2015 03:28:50 AM (...)	♥♥♥♥♥♥♥♥...	Alison <7963995...>	Group: Weekend plans <79639955252-1429881382@g.us>
WhatsApp message	04/24/2015 03:28:28 AM (...)	Oh I remember ...	Alison <7963995...>	Group: Weekend plans <79639955252-1429881382@g.us>
WhatsApp message	04/24/2015 03:20:36 AM (...)	Cycling?	Alison <7963995...>	Group: Weekend plans <79639955252-1429881382@g.us>
WhatsApp message	04/24/2015 03:17:20 AM (...)	👍👍👍👍👍👍...	Alison <7963995...>	Group: Weekend plans <79639955252-1429881382@g.us>
WhatsApp message	04/24/2015 03:16:39 AM (...)	Let's discuss w...	Alison <7963995...>	Group: Weekend plans <79639955252-1429881382@g.us>
WhatsApp message	04/24/2015 03:16:27 AM (...)	Hi guys	Alison <7963995...>	Group: Weekend plans <79639955252-1429881382@g.us>
WhatsApp message	04/24/2015 03:16:22 AM (...)	Weekend plans	Alison <7963995...>	Group: Weekend plans <79639955252-1429881382@g.us>
WhatsApp message	04/24/2015 03:26:01 AM (...)	John Leach	Stephen Bremer <790...>	Group: Weekend plans <79639955252-1429881382@g.us>
WhatsApp message	04/24/2015 03:32:15 AM (...)	privately...	Stephen Bremer <790...>	Group: Weekend plans <79639955252-1429881382@g.us>
WhatsApp message	04/24/2015 03:36:46 AM (...)	Great see you	Stephen Bremer <790...>	Group: Weekend plans <79639955252-1429881382@g.us>
WhatsApp message	04/24/2015 03:33:25 AM (...)	Yes near centr...	Barbara <796802892...>	Group: Weekend plans <79639955252-1429881382@g.us>
WhatsApp message	04/24/2015 03:32:24 AM (...)	Cute	Barbara <796802892...>	Group: Weekend plans <79639955252-1429881382@g.us>
WhatsApp message	04/24/2015 03:32:03 AM (...)	Found his photoc	Stephen Bremer <790...>	Group: Weekend plans <79639955252-1429881382@g.us>
WhatsApp message	04/24/2015 03:25:43 AM (...)	My friend john l...	Stephen Bremer <790...>	Group: Weekend plans <79639955252-1429881382@g.us>
WhatsApp message	04/24/2015 03:25:23 AM (...)	Who is John?	Barbara <796802892...>	Group: Weekend plans <79639955252-1429881382@g.us>
WhatsApp message	04/24/2015 03:25:08 AM (...)	Probably john ...	Stephen Bremer <790...>	Group: Weekend plans <79639955252-1429881382@g.us>
WhatsApp message	04/24/2015 03:21:50 AM (...)	Some nice cafe	Stephen Bremer <790...>	Group: Weekend plans <79639955252-1429881382@g.us>
WhatsApp message	04/24/2015 03:21:36 AM (...)	Ok and then?	Stephen Bremer <790...>	Group: Weekend plans <79639955252-1429881382@g.us>
WhatsApp message	04/24/2015 03:21:09 AM (...)	The weather is ...	Barbara <796802892...>	Group: Weekend plans <79639955252-1429881382@g.us>
WhatsApp message	04/24/2015 03:20:55 AM (...)	Yes lets go cycling	Barbara <796802892...>	Group: Weekend plans <79639955252-1429881382@g.us>
WhatsApp message	04/24/2015 03:19:51 AM (...)	👍👍👍👍👍👍	Stephen Bremer <790...>	Group: Weekend plans <79639955252-1429881382@g.us>
WhatsApp message	04/24/2015 03:19:19 AM (...)	I suggest some...	Stephen Bremer <790...>	Group: Weekend plans <79639955252-1429881382@g.us>
WhatsApp message	04/24/2015 03:18:40 AM (...)	Mmmm you hav...	Stephen Bremer <790...>	Group: Weekend plans <79639955252-1429881382@g.us>
WhatsApp message	03/30/2015 10:37:13 PM (...)	N 45.8138...	Alison <7963995...>	Barbara <79680289231>
WhatsApp message	03/30/2015 09:11:37 PM (...)	N 45.8076...	Alison <7963995...>	Barbara <79680289231>
WhatsApp message	03/30/2015 10:52:31 AM (...)	N 45.8076...	Alison <7963995...>	Barbara <79680289231>





## Column 3

Where: On the right-hand side of the Messages section.

Uses: This is your details pane.

Inside of the Messages Section:

- Here, information will be unique to the message that you have selected on the grid (Column 2).
- On the bottom of this pane you will see the option to add the selected item as key evidence, add a tag, or a note.

>> Details

**Source** WhatsApp Messenger

**Direction** Outgoing

**Type** WhatsApp message

**Time stamp (Hawaii)** 04/24/2015 03:32:55 AM (UTC-10)

**From** Alison <79639955252>

**To** Weekend plans  
<79639955252-1429881382@g.us>

**Message ID** 107

**Remote party** 79639955252-1429881382@g.us

**Remote party name** Weekend plans

**Content** So we meet tomorrow at 12

Key Evidence    Add tag    Note

Oxygen Forensics  
901 N. Pitt St, Suite 100  
Alexandria, VA 22314  
United States  
+1 (877) 9-OXYGEN  
+1 (877) 969-9436  
+1 (703) 888-2327