



Links and Stats in Oxygen Forensic Suite



Oxygen Forensic Suite introduces several statistical analysis tools offering forensic specialists the ability to quickly reveal social connections between users of mobile devices under investigation and their contacts. Links and Stats section provides a convenient tool to explore social connections between device owner and his contacts by analyzing calls, all kinds of messages and applications activities.

The screenshot displays the 'Links and Stats' section of the Oxygen Forensic Suite 2013 Analyst. The interface is divided into several panels:

- Owner summary:** A pie chart showing the distribution of communication types. The largest category is Email at 38% (379 messages). Other significant categories include Kakao Talk message (13%, 160), SMS (8%, 105), and Skype chat (7%, 88).
- Communication Statistics:** A table listing contacts and their communication details. The table has columns for Contact name, Remote party, Type, Total, Calls, Messages, First date, Last date, and Duration. Key contacts include Crow John Peter, Patrick Jr, Cook John, Twitter, John Crow, Collingwood Andrew, Lena Soloveva, Facebook, and Patrick Payge.
- Timeline diagram:** A bar chart showing communication activity for 'Simon Payge's iPhone 4S' across the months of June, July, August, September, October, and November 2012. The chart uses a color-coded legend to represent different communication types.
- Object information:** A sidebar for the selected contact, Crow John Peter, showing statistics for various communication types: Voice (6), SMS (41), Email (1), MMS (5), Kakao Talk message (61), WhatsApp message (33), and Fring message (29).



Table view presents in-depth analysis of communication including all contacts, phone numbers and remote parties along with communication duration and produces a concise summary of the forensically important data.



Switching to the diagram view with a graphical chart offers a quick overlook of communication circles, allowing forensic experts to determine and analyze the device user's communications with all details at a glance.





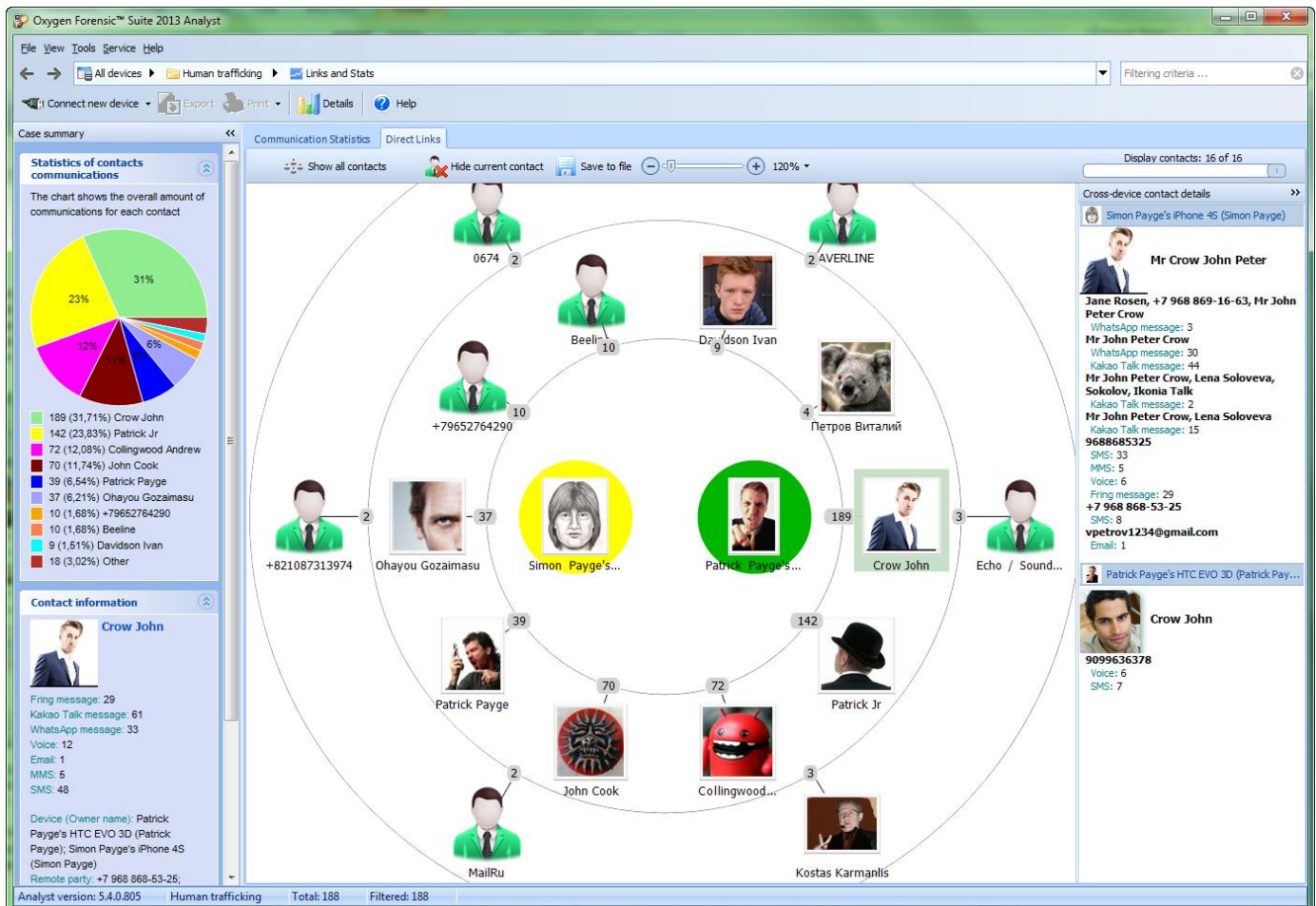
Oxygen Forensic Suite 2014

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Oxygen Forensic Suite offers investigators the ability to analyze interactions among users of multiple seized mobile devices. The feature builds and displays a Direct Links diagram with a chart for multiple devices, clearly visualizing connections between the phones' users.



Central diagram matches records extracted from devices' phone and address books, applications contact lists building a visual chart and displaying contacts and remote parties with at least one shared entry. Right panel shows similar contacts with identical phone numbers, e-mail accounts or application contacts with the focused remote party, stored by users of multiple mobile devices and help clearly visualize communications and social connections among users of different mobile devices, allowing forensic specialists investigate criminal activities performed by groups.

Balloon near each entry indicates total number of communications between the device owners and this remote party.

By discovering and displaying matching records, Oxygen Forensic Suite provides investigators with at-a-glance view of various interactions, helping forensic specialists to discover connections between the users in just a few clicks.

