

Links and Stats in Oxygen Forensic Suite



Oxygen Forensic Suite introduces several new 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.

<u>View</u> <u>Tools</u> <u>Service</u> <u>Help</u>											
All devices 🕨 📴 Human tr	rafficki	ng 🕨	Simon Payge's iPhone 4S - (06.02.2013 10:51:49 [01304300	05068452] 🕨 📈 Link	s and Stats				▼ Filtering crit	eria
🖞 Connect new device 🚺 Export 🍃	Prin	nt •	View mode 👻 🎼 Detail	s 🔢 Columns 🐉 Reset fi	ilters 🕜 Help						Autosize col
er summary	*	Commu	unication Statistics Direct Lin	ks							
38% 13% 8% 779 (38%) Email 160 (13%) Kakao Talk message 105 (6%) SMS 68 (7%) Skype chat 72 (5%) Line message 46 (5%) VOrtalde message 48 (3%) WhatsApp message 36 (2%) Skype chat 31 (2%) Message 38 (3%) Firing message 38 (2%) Skype call 31 (2%) Message 32 (2%) Voice 23 (2%) Voice 23 (2%) Voice 24 (2%) Voice 29 (2%) Voice 29 (2%) Meil Ru Agert message 17 (1%) Facetime event 12 (1%) Skype sms 11 (1%) MMS 10 (1%) Zeilo message 10 (1%) Vahool message			Contact name 🔹	Remote party •	Type 🔹	Total 🔻 💌			First date 🔹	Last date 🔹	Duration -
		▼ +	Crow John Peter	+7 968 868-53-25; +79688	Voice; SMS; Email;	176	6 2 outgoing 4 missed	170 57 incoming 82 outgoing 31 missed	30.12.1899 0:00	02.02.2013 17:54	N/A
		V +	Patrick Jr	patrickpaygehome@gmail.com	Email; Facetime ev	75	5 4 outgoing 1 missed	70 44 incoming 26 outgoing	17.12.2010 8:27	01.02.2013 12:23	00:00:14 outgoing: 00:00:14
		V +	Cook John	+7 (903) 584-11-86; +7 90	Voice; SMS; MMS;	44	9 8 outgoing 1 missed	35 16 incoming 17 outgoing 2 missed	06.07.2012 11:21	05.02.2013 14:31	00:00:09 outgoing: 00:00:09
		v	Twitter	n-avanynuvr4=lznvy.pbz-5	Email	43	0	43 43 incoming	25.09.2012 12:37	02.02.2013 8:04	N/A
		V	John Crow	John Crow	Line message	41	0	41 22 incoming 19 outgoing	29.12.2012 10:39	31.01.2013 11:47	N/A
	ш	V +	Collingwood Andrew	+7 (906) 035-59-63; +7906	MMS; Skype chat;	35	12 2 incoming 10 outgoing	23 8 incoming 14 outgoing 1 missed	04.09.2012 14:34	05.02.2013 14:31	00:03:18 outgoing: 00:03:18
		V	Lena Soloveva	Lena Soloveva; Mr John Pet	Kakao Talk message	34	0	34 34 incoming	08.11.2012 9:57	08.11.2012 10:20	N/A
		V	Facebook	update+zrdol1=lvzc1@face	Email	31	0	31 18 incoming 13 outgoing	15.09.2012 6:04	04.02.2013 21:45	N/A
		V	Patrick Payge	Patrick Payge	VKontakte message	31	0	31 1 outgoing 30 missed	19.06.2012 7:37	05.12.2012 12:53	N/A
		All events Crow John Peter Timeline diagram for "Simon Payge's iPhone 4S"									
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Crow John Peter		yea	r month day	hour minute	second				0	😓 Settings 🔹 Se	cale: 🕞 —— 🗊 ——
Simon Payge's iPhone 45 (Simon Payge) Voice: 6		2012 year									
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MS: 41 mail: 1			June	July	August		Septemb	er	October		November
MS: 5 akao Talk message: 61 /hatsApp message: 33			- Voice 🔄 - SMS 🚺 - Email (ik Messenger message 📕 - I	- Facetime event - M Fring message - Line mess		- Skype	sms 📃 - Sky		essage 🔜 - Kakao ahoo! message 🚺	Talk message 📕 - Zello message 📕	- WhatsApp message - VKontakte messag



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 2013

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. Pink arrows show 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 number of communications between the device owner 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.

