

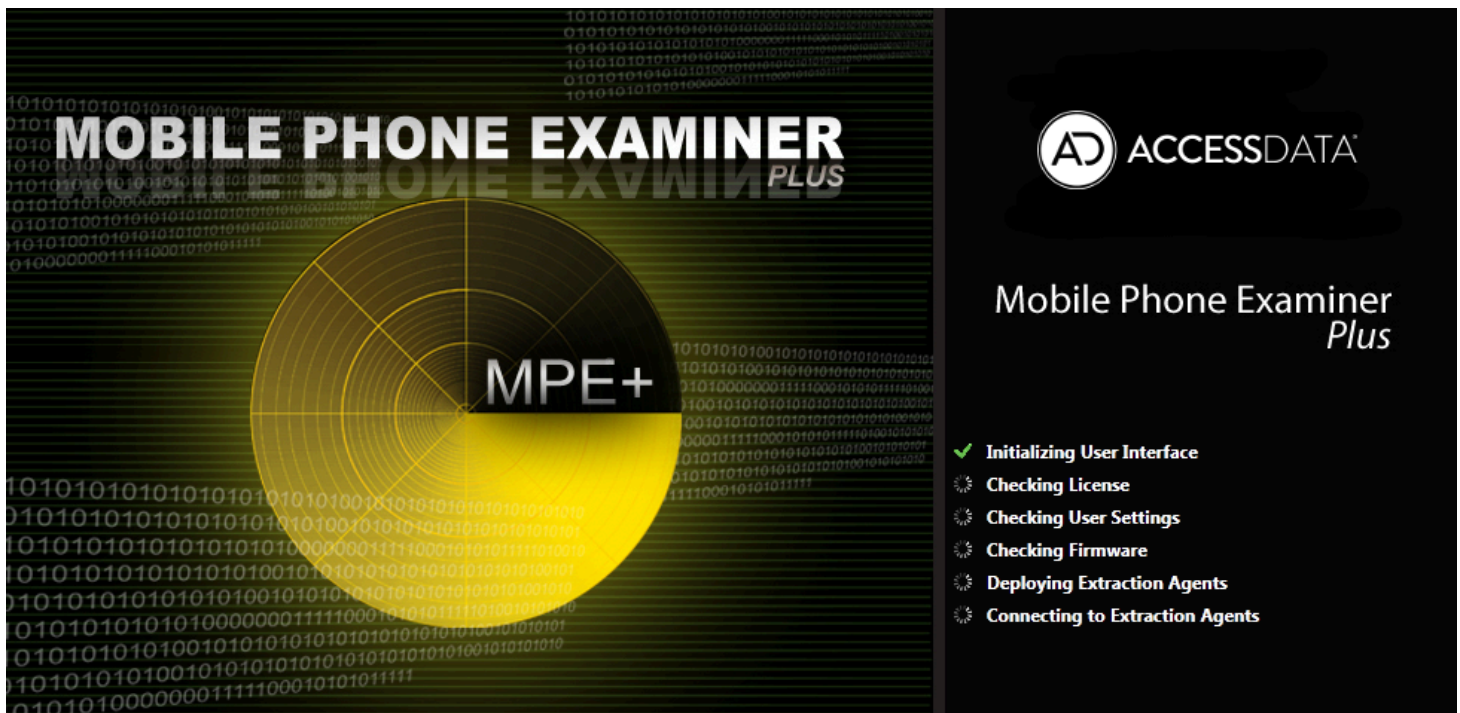
# Android Mobile Device Forensics with Mobile Phone Examiner Plus

October 30, 2015 By Raj Chandel

AccessData (AD) Mobile Phone Examiner Plus (MPE+) is a powerful mobile device data review tool that can be used in the field as part of a mobile field unit or in the lab. Additionally, data extracted from mobile devices using MPE+ can be easily imported into an FTK case, which offers more in-depth drill-down, categorization, full-text index searching, and all of this is right alongside other digital evidence collected for a case. MPE+ can extract information such as phone and address book data, media files, call logs, SMS and MMS messages, calendar, and file system data stored in the memory of a mobile device.

Download MPE+ from here & install in your PC.

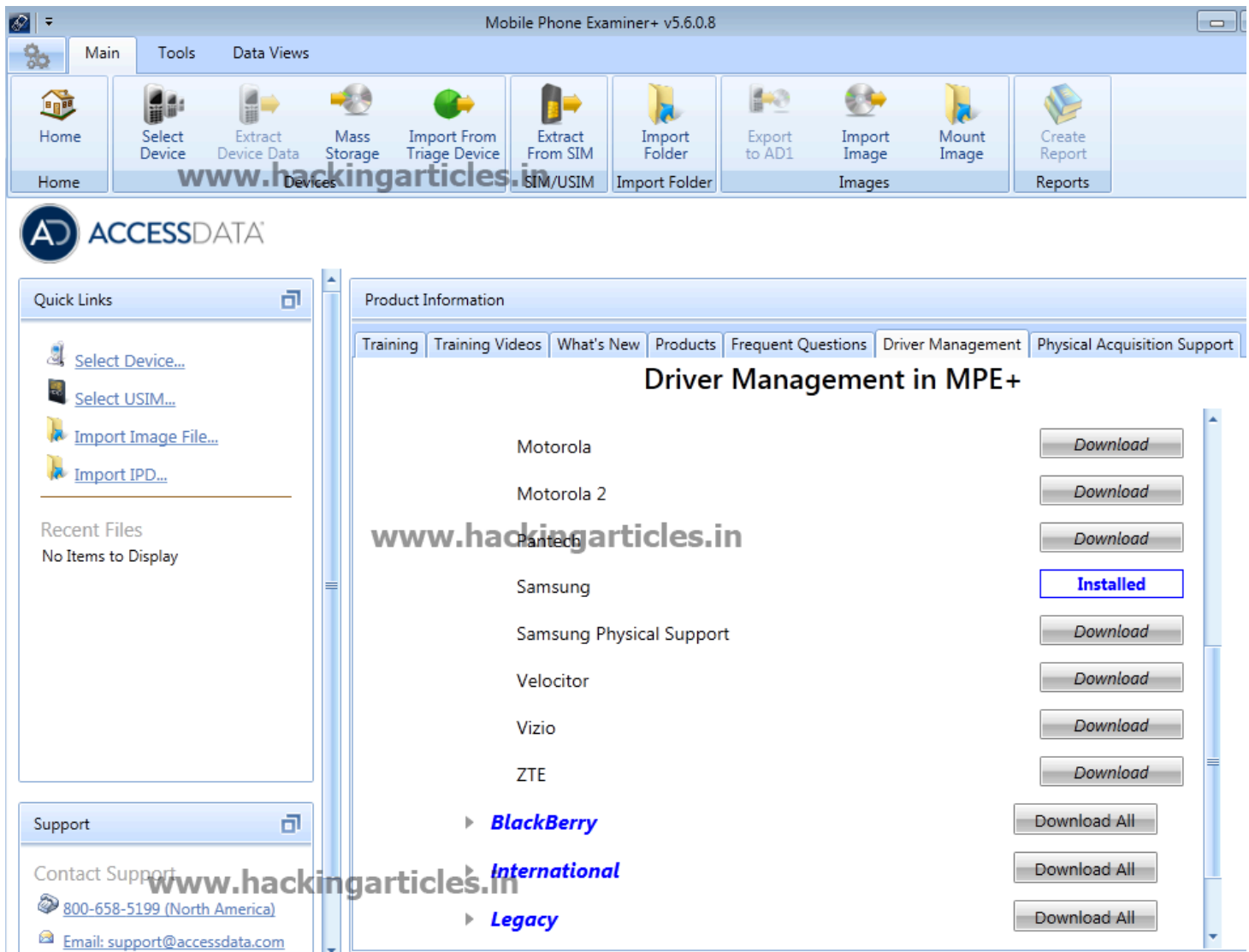
Now Double click on MPE+ Icon to open it.



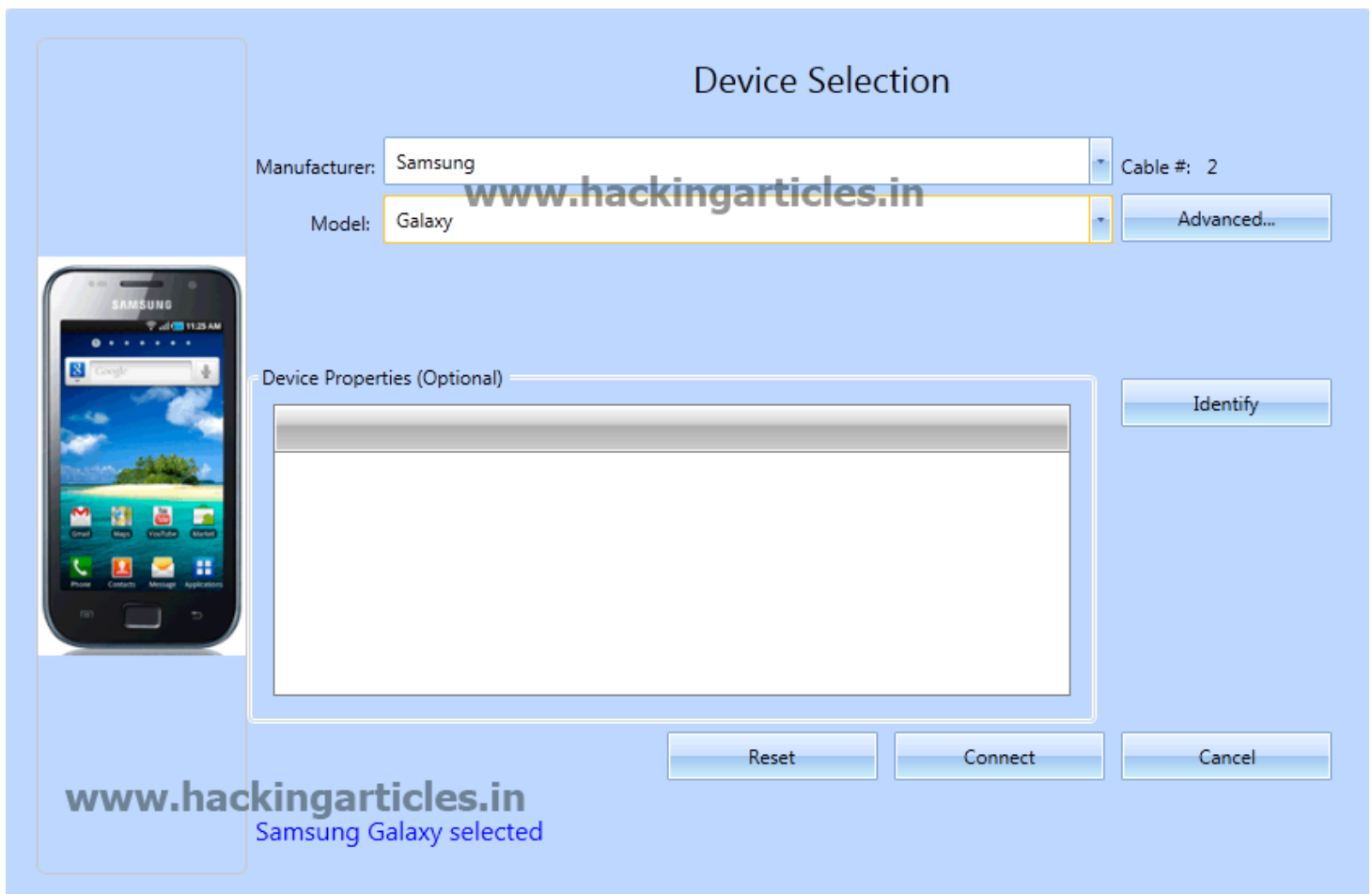
**Note:** USB Debugging must be enabled.

Now select the **Drive Management** option from **Home** tab.

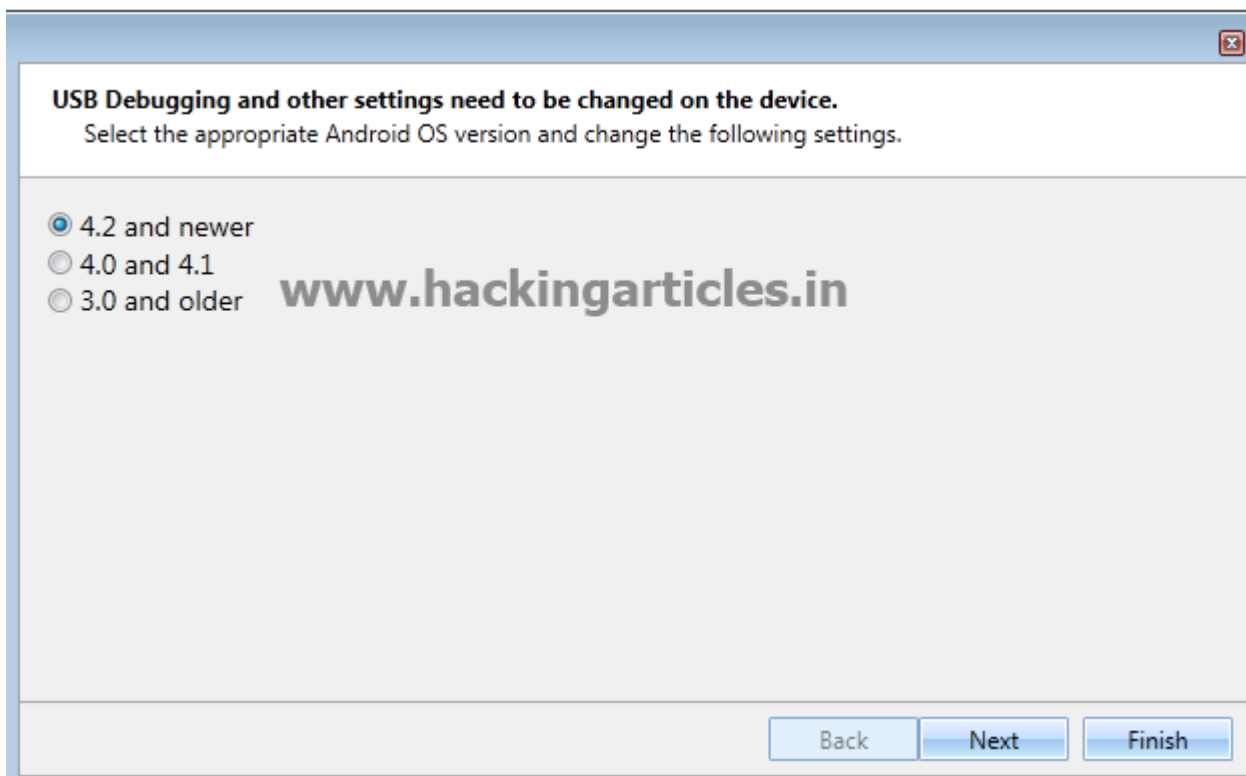
To install the mobile driver in your system, click on download option from the given list. It will install the driver. Click on **Select Device**.



Now enter the Manufacturer and Model No of the mobile. Click on **Connect**.



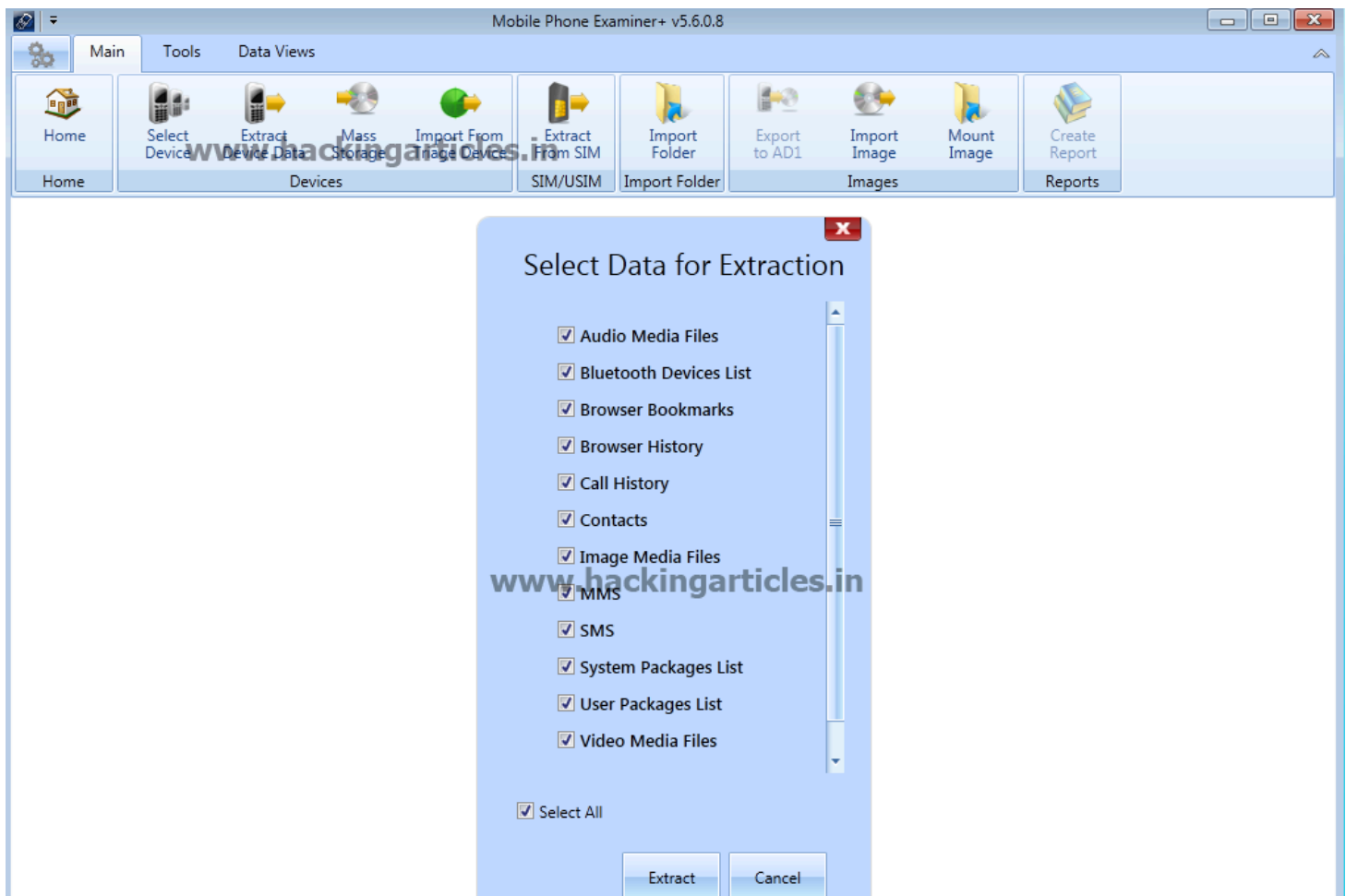
Now select the mobile android version and click on **finish**.



It will display a message. **Connecting to Android Device.**



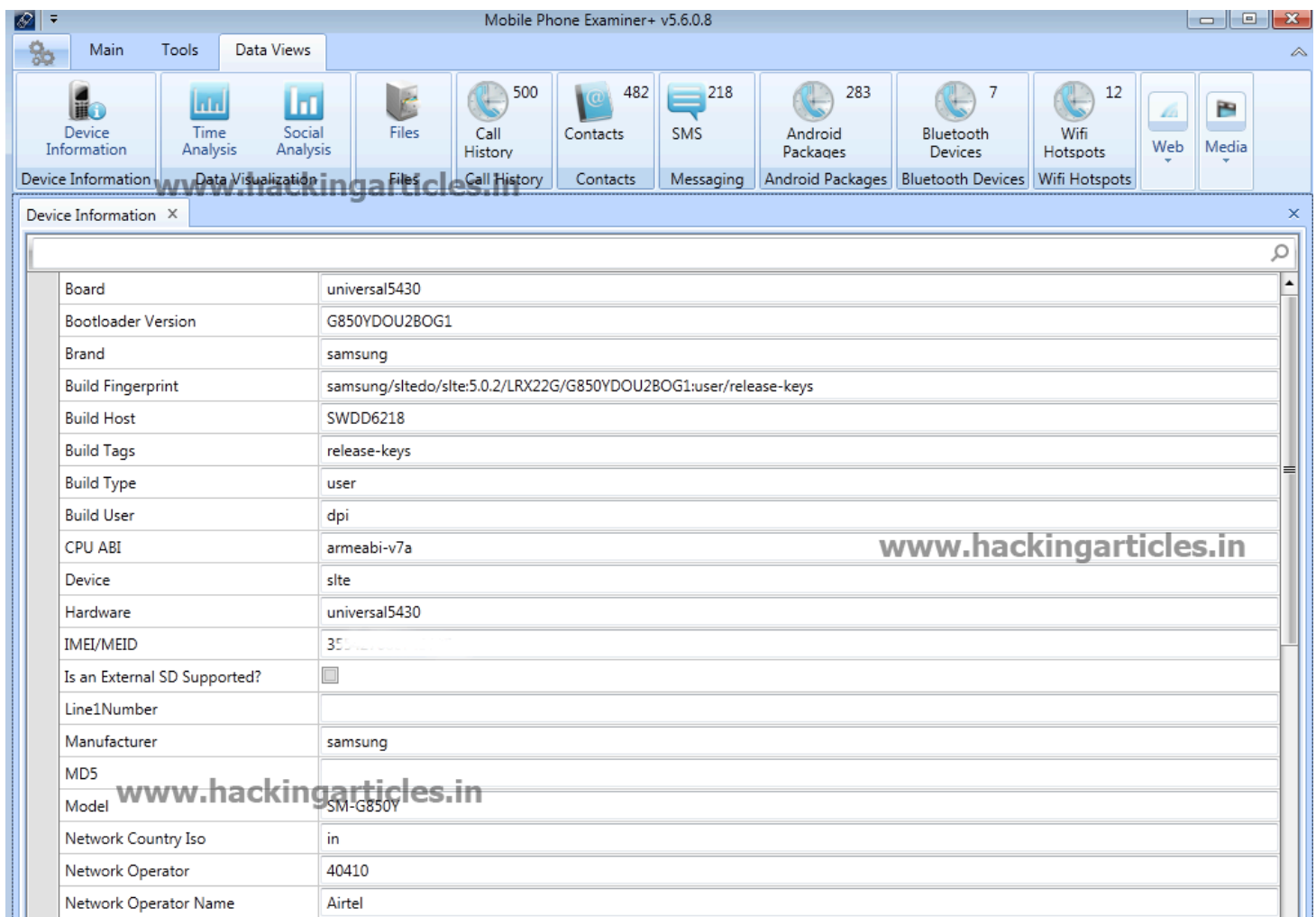
Now it will show the **Select Data for Extraction Pop Up**. Click on **Select All** Option and select **Extract** Option.



It will show the Progress Bar for **Android Logical Device Data Extraction**.



Now click on Device Information, it will show all the details about the Android Mobile.



Select **Call History** Option to see all incoming and outgoing call details with duration as well as date and time.

Mobile Phone Examiner+ v5.6.0.8

Main Tools Data Views

Device Information Time Analysis Social Analysis Files Call History 500 Contacts 482 SMS 218 Android Packages 283 Bluetooth Devices 7 Wifi Hotspots 12 Web Media

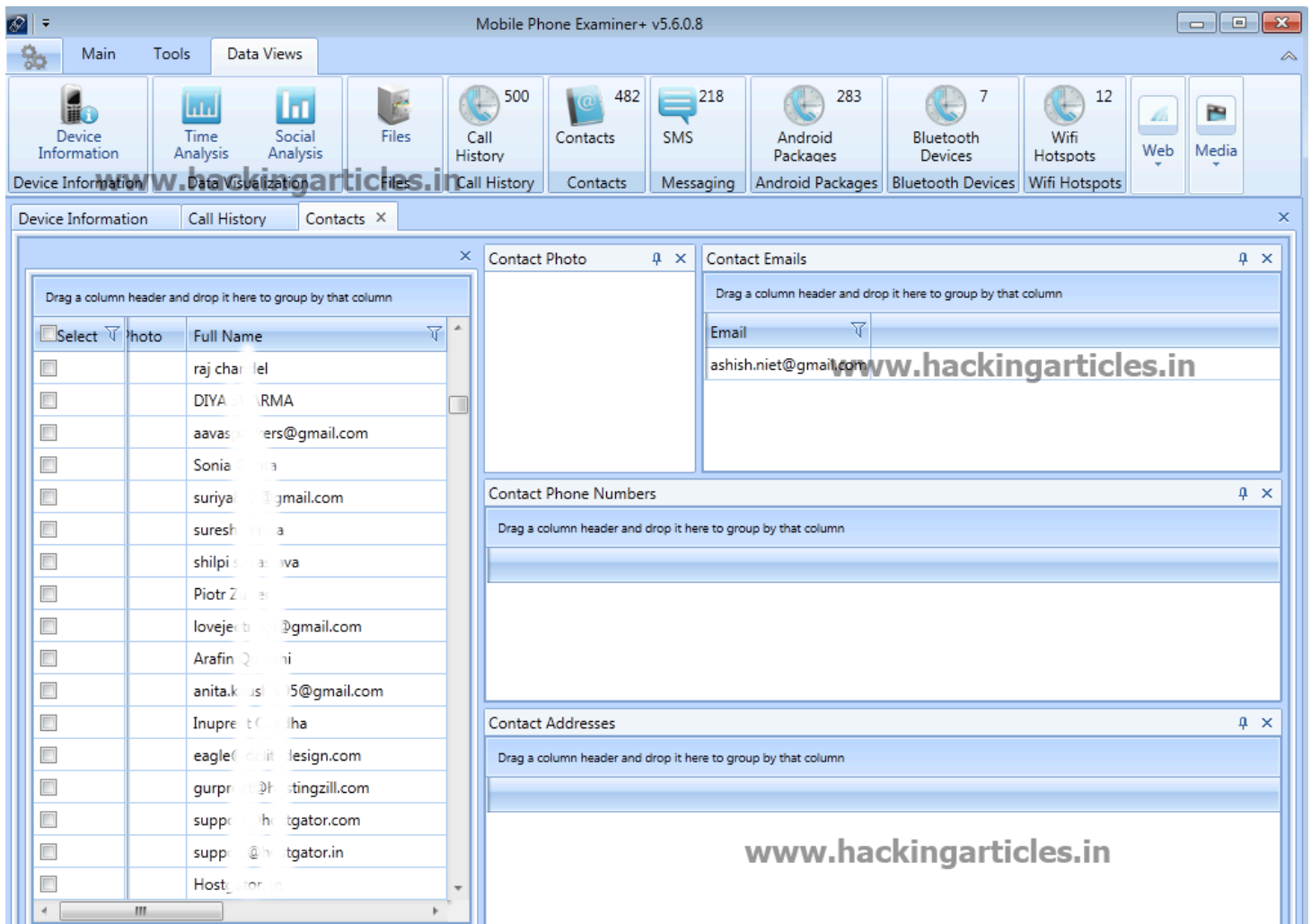
Device Information Data Visualization Files Call History Contacts Messaging Android Packages Bluetooth Devices Wifi Hotspots Web Media

Device Information Call History x

Drag a column header and drop it here to group by that column

Select	New?	Label	Date	Phone Number	Type	Duration	Name	Seen
<input type="checkbox"/>	<input type="checkbox"/>		10/26/2015 11:16:10 AM	704219 863	Outgoing	0:00:00	Aanchal Ji Earth	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>		10/26/2015 11:09:43 AM	099115 0774	Outgoing	0:00:38	Vijay bhai	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	Mobile	10/26/2015 11:08:30 AM	+9196 511010	Incoming	0:00:17	Aswini Narula Ji	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	Mobile	10/26/2015 11:07:30 AM	+9196 511010	Outgoing	0:00:22	Aswini Narula Ji	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>		10/26/2015 11:05:39 AM	991151 96	Outgoing	0:00:28	Nishant	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>		10/26/2015 11:01:27 AM	999054 821	Outgoing	0:00:45	Anand Bha	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>		10/26/2015 10:51:47 AM	986660 02	Outgoing	0:00:47	Sachin Jain	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>		10/26/2015 10:39:51 AM	991151 96	Outgoing	0:00:00	Nishant	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>		10/26/2015 10:30:00 AM	088888 888	Outgoing	0:05:09		<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>		10/26/2015 10:20:13 AM	+9199 29441	Outgoing	0:00:00	Kajal Ma	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>		10/26/2015 9:50:00 AM	+919 59971	Incoming	0:02:26	Shashank Chhabra	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>		10/26/2015 9:25:44 AM	+9180 613393	Missed	0:00:00	Mishra	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>		10/26/2015 8:07:50 AM	091899 8391	Outgoing	0:02:45	Shobh	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>		10/26/2015 6:17:37 AM	+9184 400087	Outgoing	0:00:22	Vijay Office	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>		10/26/2015 6:14:17 AM	091899 8391	Outgoing	0:00:00	Shobh	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>		10/26/2015 6:13:55 AM	091899 8391	Outgoing	0:00:00	Shobh	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	Mobile	10/26/2015 6:10:59 AM	+9196 511010	Incoming	0:01:20	Aswini Narula Ji	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>		10/26/2015 5:41:42 AM	08388 8888	Outgoing	0:07:03		<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>		10/26/2015 5:41:28 AM	88388 8888	Outgoing	0:00:00		<input type="checkbox"/>

To view all the contacts in the mobile, select **Contacts** option.



To get all the SMS messages, Select **SMS** Option.

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Device Information Data Visualization Files Call History Contacts Messaging Android Packages Bluetooth Devices Wifi Hotspots Web Media

Device Information Call History Contacts SMS Items x

Conversation

Drag a column header and drop it here to group by that column

Select	Seen	Has Been Read	Text
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Rs.299.00 was spent on ur HDFCBank CREDIT Card ending 2611 on 2015-10-28:14:13:36 at PAYTM97998
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	- Rs.25*81.49, current s - Rs.34218.51
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Free benefits of your 3G recharge: Song downloads on Wynk Music app <a href="http://wynk.in/mu/6">http://wynk.in/mu/6</a> & Movie streaming on Wynk Movies app <a href="http://mo.wynk.in">http://mo.wynk.in</a> can now be used
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Extra 0.5GB 3G+0.5GB 4G Data (val 28 din) aapke account mein credit kar diya gaya hai. Balance che
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	*121*2*
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Recharge of Airtel Mobile 8826339893 for Rs.299 was successful. Operator reference no. is 162924257
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Recharge Successful on 28-Oct-15 02:18 PM,MRI Rs.99.00,STAxRs30.7193,TransID:1629242577,Benefit:Benefit:1.25 GB 3G Data 28 days. U
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	limited downloads on Wynk Music data charges apply per mu
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	One time password is 440072 for card ending 2611. This OTP is valid till 14:16:18. Do not share this OTP
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	anyone for security reasons
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Recharge of Airtel Mobile 8826339893 for Rs.250 was successful. Operator reference no. is 162924002
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Rs.200.00 was spent on ur HDFCBank CREDIT Card ending 2611 on 2015-10-28:14:11:17 at Paytm.com.A
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Rs.200.00 current s - Rs.33926.00
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Recharge Successful on 28-Oct-15 02:11 PM,MRI Rs.250.00,STAxRs30.70175,TransID:1629240029,Benefit
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	recharge successful Rs.250.00 amount credited to your account. Incoming in roaming free UP Bihar WB Ha
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	on recharge will be Rs.250.00
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	One time password is 220233 for card ending 2611. This OTP is valid till 14:14:26. Do not share this OTP
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	anyone for security reasons
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	800607 is your login OTP. Please do not disclose it. Sharing it with anyone gives them full access to your
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Wallet. Paytm never calls to verify your OTP
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Aapke Internet pack ki validity salant ho gayi hai!Ab usage main a/c me kataga. my Dark-Dial *129*4# ya
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	offers-click(FREE) <a href="http://airtelive.com/129store">http://airtelive.com/129store</a>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Gm sirfir mujhe karte hain karte hain karte hain karte hain
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Dear Customer, why write cheques or visit multiple websites? Choose our hassle-free bill payment soluti
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	via Mobile/laptop. Details <a href="http://bit.ly/1MT11WG">http://bit.ly/1MT11WG</a> &C.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	R.278.00

IMHDFCBK 10

ADWYNKED 4

ADAIRBBU 1

AMIPAYTM 11

ADAIRMTA 5

VMHDFCBK 32

121 4

DMHDFCBK 9

MDMTNLCR 4

To see how many android packages have been installed, select **Android Packages**.



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Main Tools Data Views

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Device Information Call History Contacts SMS Items Android Packages ×

Drag a column header and drop it here to group by that column

Select	Package	Application	Version Code	Version Name	Is User Package?
<input type="checkbox"/>	com.android.backupconfirm	com.android.backupconfirm	21	5.0.2-G850YDOU2BOG1	
<input type="checkbox"/>	com.wssyncml dm	Software update	300707235	4.21.1.150242	
<input type="checkbox"/>	com.android.externalstorage	External Storage	21	5.0.2-G850YDOU2BOG1	
<input type="checkbox"/>	com.samsung.android.provider.filterprovider	FilterProvider	4	2.01	
<input type="checkbox"/>	com.sec.android.widgetapp.easymodecontacts widget	Favourite Contacts	1502152134	1.0	
<input type="checkbox"/>	com.sec.android.directconnect	DirectConnectManager	1	3.7	
<input type="checkbox"/>	com.sec.factory.camera	Camera Test	1	1.0	
<input type="checkbox"/>	com.sec.android.providers.tasks	Tasks provider	21	5.0.2-G850YDOU2BOG1	
<input type="checkbox"/>	com.sec.android.app.samsungapps	Galaxy Apps	5050222	15051305.05.022.2	
<input type="checkbox"/>	com.monotype.android.font.samsungsans	SamsungSans	1	1.0	
<input type="checkbox"/>	com.sec.android.app.DataCreate	Automation Test	1	1.0	
<input type="checkbox"/>	com.sec.android.cloudagent	CloudAgent	1	1.2.2	
<input type="checkbox"/>	com.android.shell	Shell	21	5.0.2-G850YDOU2BOG1	
<input type="checkbox"/>	com.android.chrome	Chrome	249007601	46.0.2490.76	
<input type="checkbox"/>	com.android.proxyhandler	ProxyHandler	21	5.0.2-G850YDOU2BOG1	
<input type="checkbox"/>	com.samsung.klmsagent	KLMS Agent	1	2.5.074	
<input type="checkbox"/>	com.google.android.marvin.talkback	TalkBack	40301002	4.3.1	
<input type="checkbox"/>	com.sec.android.app.ringtoneBR	ringtonebackup	21	5.0.2-G850YDOU2BOG1	
<input type="checkbox"/>	com.sec.android.app.wfdbroker	com.sec.android.app.wfdbroker	150216201	1.0	

To see all the connected Bluetooth devices, click on **Bluetooth Devices** Option.

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Main Tools Data Views

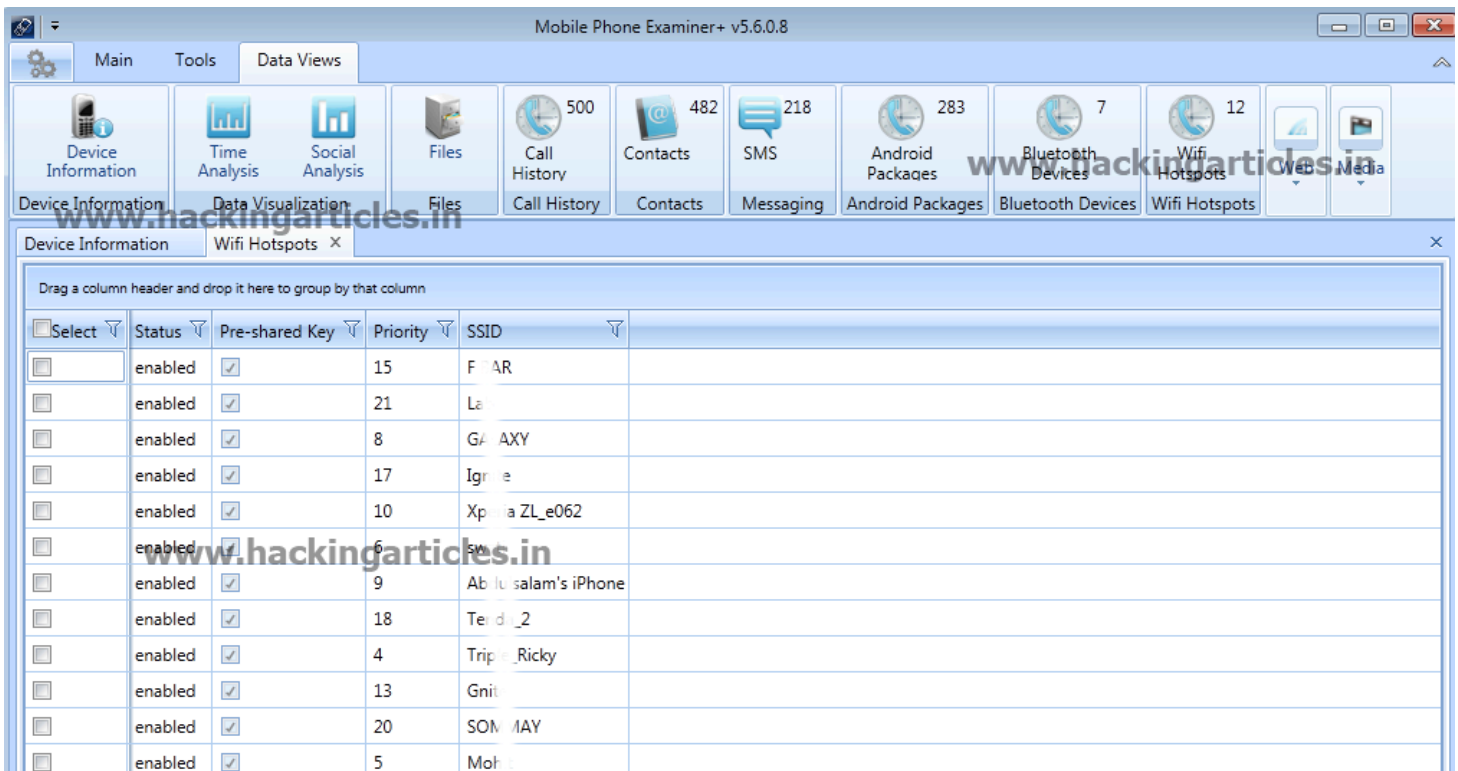
Device Information Time Analysis Social Analysis Files Call History 500 Contacts 482 SMS 218 Android Packages 283 Bluetooth Devices 7 Wifi Hotspots 12 Web Media

Device Information Call History Contacts SMS Items Android Packages Bluetooth Devices ×

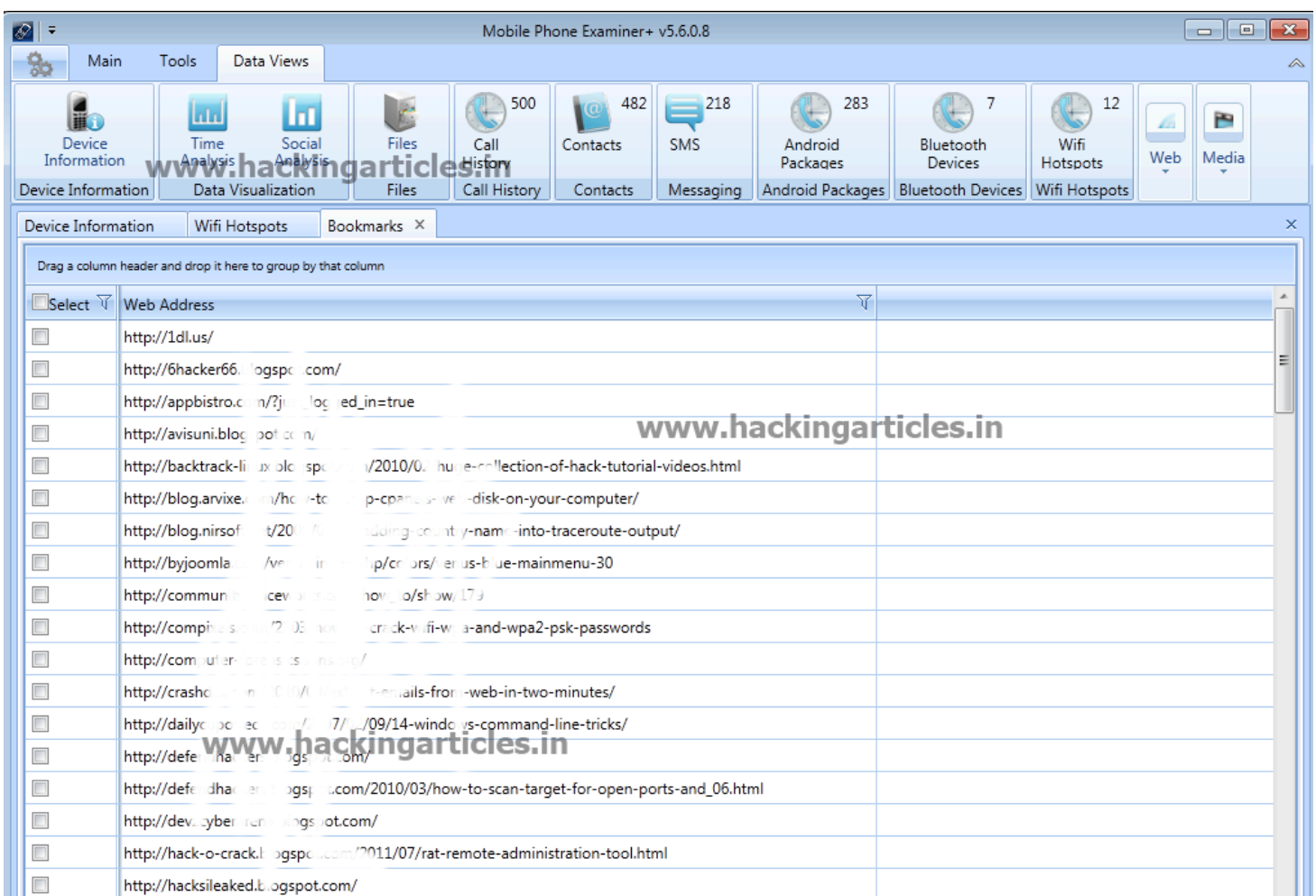
Drag a column header and drop it here to group by that column

Select	Address	Name	Major Class	Major	Device	Device (num	Bond State	Type	Type
<input type="checkbox"/>	98:0D:2E:50:5D:27	HTC Desire XC dual sim	phone	512	phone_smart	524	bonded	1	classic
<input type="checkbox"/>	CC:52:AF:19:0A:F5	RAJ-PC	computer	256	computer_laptop	268	bonded	1	classic
<input type="checkbox"/>	B8:5E:7B:C6:FF:F0	SM-T211	phone	512	phone_smart	524	bonded	1	classic
<input type="checkbox"/>	84:8E:DF:62:DB:5D	HACKDIVE	phone	512	phone_smart	524	bonded	1	classic
<input type="checkbox"/>	3C:74:37:AA:0F:05	Raj chandel	phone	512	phone_smart	524	bonded	1	classic
<input type="checkbox"/>	9C:2A:70:D1:A6:F6	RAJ-PC	computer	256	computer_laptop	268	bonded	1	classic
<input type="checkbox"/>	00:1E:AE:A1:C0:16	SYNC	audio_video	1024	audio_video_handsfree	1032	bonded	1	classic

To get the information about the WIFI connections connected with this android mobile, select **WiFi Hotspots**.



To see the bookmarks, click on **WEB** option and then select **Bookmarks** Sub option.



To get Browser History, Click on Web Option and select **Browser History** Sub option.

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Main Tools Data Views

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Device Information Time Analysis Social Analysis Files Call History 500 Contacts 482 SMS 218 Android Packages 283 Bluetooth Devices 7 Wifi Hotspots 12 Web Media

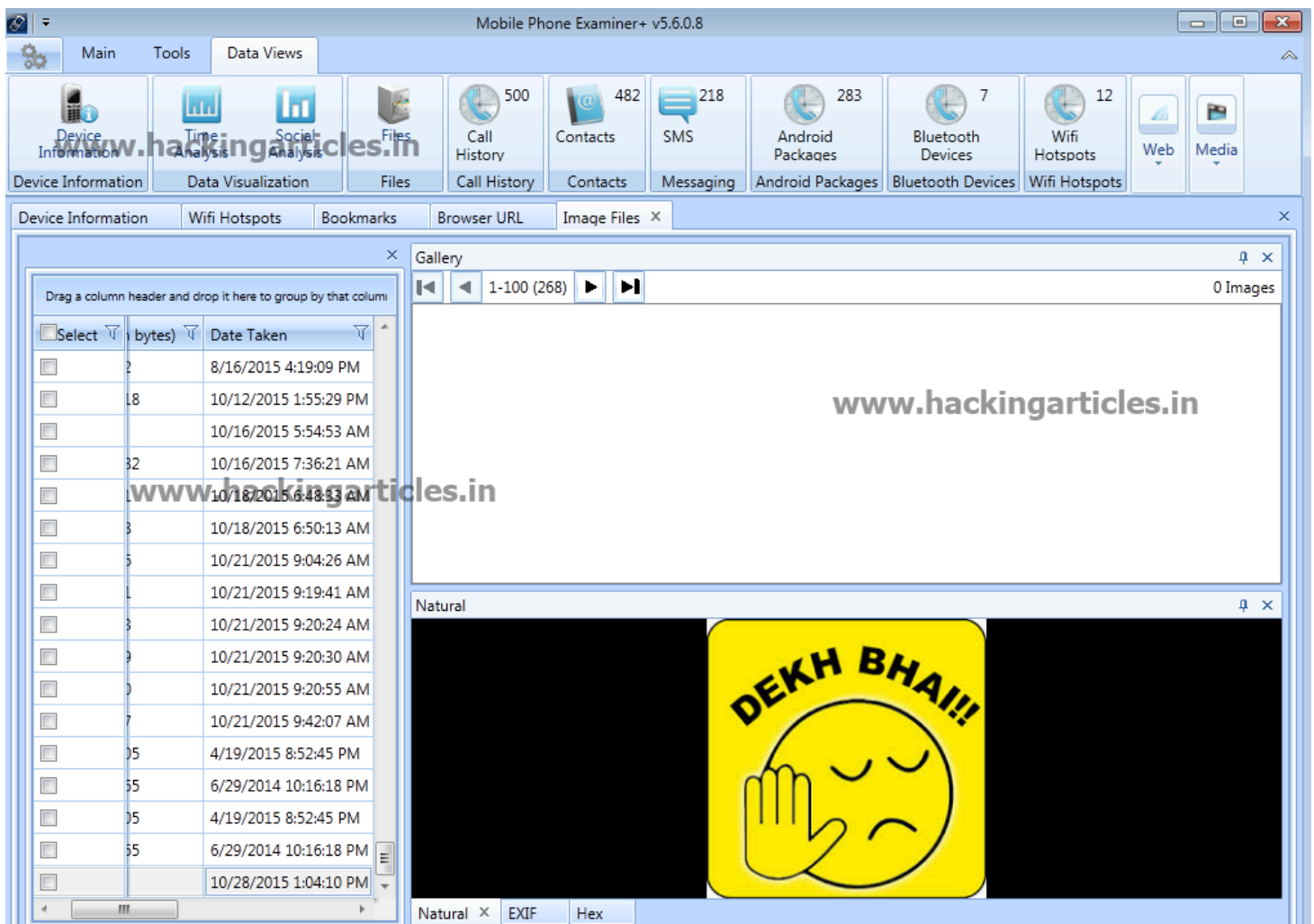
Device Information Wifi Hotspots Bookmarks Browser URL x

Drag a column header and drop it here to group by that column

Select	Web Address	Title
<input type="checkbox"/>	http://whatismyip.com/	What Is My IP - The IP Address Experts Since 1999 - Wh
<input type="checkbox"/>	https://www.whatismyip.com/	What Is My IP - The IP Address Experts Since 1999 - Wh
<input type="checkbox"/>	http://google.com/	Google
<input type="checkbox"/>	http://www.google.co.in/?gfe_rd=cr&ei=99XjVfvNLsL08weP77eQCg	Google
<input type="checkbox"/>	https://www.google.co.in/?gfe_rd=cr&ei=99XjVfvNLsL08weP77eQCg&gws_rd=ssl	Google
<input type="checkbox"/>	https://www.google.co.in/search?site=&source=hp&ei=-dXjVai3MePNmwX_24rACg&q=good+morning&oq=good+morning&gs_l=mobile-gws-hp.12.015.1839.9675.0.10908.23.19.3.12.12.0.352.4813.1j0j15j3.19.0...0...1c.1j4.64.mobile-gws-hp.1.22.1733.1.Vq0Aoc0YEzU	good morning - Google Search
<input type="checkbox"/>	https://www.google.co.in/search?q=good+morning&prmd=iv&source=lnms&tbm=isch&sa=X&ved=0CAVQAUoAWoVChMloonAhLzSxwIVJySmCh2woAB2	good morning - Google Search
<input type="checkbox"/>	https://www.google.co.in/search?q=sniper+spy&oq=sniper+spy&aqs=chrome..69i57j0l3.4152j0j4&client=ms-android-samsung&sourceid=chrome-mobile&ie=UTF-8	sniper spy - Google Search
<input type="checkbox"/>	http://googleweblight.com/?lite_url=http://www.sniperspy.com/&ei=tG7xgDfs&lc=en-IN&rs=1&m=837&ts=1441717195&siq=APONPFmYSW7fmAbzsb47AWM1nSM3T7MFDA	
<input type="checkbox"/>	http://www.sniperspy.com/	SniperSpy Remote Monitoring Software   Monitor Child
<input type="checkbox"/>	https://www.google.co.in/search?q=facebook+login&oq=face&aqs=chrome.2.69i57j0l2j69i65l3.2049j0j4&client=ms-android-samsung&sourceid=chrome-mobile&ie=UTF-8	facebook login - Google Search
<input type="checkbox"/>	https://m.facebook.com/login/	Welcome to Facebook
<input type="checkbox"/>	https://m.facebook.com/login.php?refsrc=http%3A%2F%2Fwww.google.co.in%2F&lww=100	Facebook
<input type="checkbox"/>	https://m.facebook.com/home.php?refsrc=http%3A%2F%2Fwww.google.co.in%2F&_rdr	Facebook
<input type="checkbox"/>	http://h.facebook.com/hr/r?redirect_app=9&next=https%3A%2F%2Fm.facebook.com%2Fhome.php%3Frefsrc%	

Bookmarks 110 Browser History 11

To see all the images existing in the Android Mobile from different resources, select **Media** option and click on **Image Sub** option.



To get the information about all video files, Select **Video** sub option from **Media** Option.

