

Tarantula for Chinese Phones



Hardware



Extraction, Analysis, and Reporting of Phones Based on Chinese Chipsets

Software

eDEC Digital Forensics Tarantula Chinese Cell Phone Analysis
Cell Phone Forensic Analysis Report

Case Admin
Case Information: Extracted File Information
Device Information: Contacts
Phone Information: SMS, Calls, Extraction Log

Case Information
Case DB ID: 38
Organization: MHCS
Case ID: 18
Examiner ID: Ryan
Exhibit ID: Whitebox
Notes:

Device Information
User-added device information

ID	Contact Name	Phone Number	Call Time	Speaking Time(Second)	Extraction Type
1	1552521483	2018-07-01 08:13:35			
2	1892522173	2018-07-01 08:02:17			
3	1552521483	2018-07-01 08:01:13			
4	1552521483	N/A			
5	1892522173	N/A			
6	1892522173	N/A			
7	1892522	N/A			

Case Admin

Case Information

Device Information
User-added device information

Name:	Suspect 1 Phone
Make:	White-Box Unknown
Model:	G360
Notes:	IMEI# 19567383765564321

Data

Intuitive, effective, and forensically sound, the Tarantula cell phone analysis system is the first tool designed for the hundreds of millions of legitimate and knock-off (“white box”) cell phones sold worldwide every year using Chinese-manufactured chipsets. Tarantula extracts, decodes, and provides reporting for low level data, including deleted physical data, from the memory chips on handsets. Both physical and logical methods are supported to provide examiners with maximum extraction capability. With Tarantula, complete analysis of phones based on Chinese-manufactured chipsets becomes a reality.

- Chinese Chipsets: Physical: MTK, Spreadtrum, Infineon | Logical: MTK
- Physical Extraction: Complete binary image of phone memory, exportable .bin file
- Logical Analysis: Interpret binary data into readable information
- Data Recovery: Recover deleted phone book, call records, SMS
- Logical Extraction: Logically extract user data and phone ID info from MTK chipsets
- Password Decryption: Extract cell phone login password
- Forensically Sound: : Does not write to, or harm the evidence
- Auto Pin Configuration: Identifies cell phone chips automatically
- Report Generation: HTML report output
- Log records: Automatically records examination log with timestamps
- Supported OS: Windows XP

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