Breaking Mobile
Advancements in Mobile Forensics and Cyber Security
viaForensics, LLC
Andrew Hoog
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Company Profile

- Global team of authors, engineers, patent holders, and mobile hackers
- ~40 employees, 10 dedicated to Mobile R&D
- 50% USG, 50% Commercial
Customer Need

- Verifiable read-only acquisition of recent smartphones (iOS and Android)
- Advanced analytics of mobile forensic data
- Acquisition and analysis of burner phones
Approach - Smartphone acquisitions
Approach - Burner phones

Huawei M835 Demo

- Extract pin from locked device
- Extract data
Benefits

Customer Benefits

- Forensically sound process
- Extensive data set extracted
- Extract of newest and most popular burner phones
Current Status

Status

- viaExtract 1.7 (AFLoical) released
- 2.0 (Android Physical) release in Oct 2013
- Integration of Burner Phone BAA (Dec 2013)

Upcoming (proposed if funded)

- 3.0 (iOS Logical and Physical)
- Implementation of fusion engine
- Export data to open, machine-readable standards-based format
Next Steps

Commercial opportunities

- Direct sales
- Partner with defense contractor as USG reseller
- Redeploying capabilities (i.e., proactive mobile forensics)
- Technology licensing opportunities from forensics and security vendors
Next Steps - Mobile Intelligence Platform
Contact Information

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