Digital Forensic Investigation Report

1. Case Information

Case Name: Drug Deal Investigation
Date: December 21, 2025
Investigator: [Your Name/ID]
Tool Used: Android Forensics Tool (Python/ADB)

2. Executive Summary

This report details the findings from the digital forensic analysis of a seized Android device. Using the custom Android Forensics Tool, we successfully extracted and analyzed SMS messages and contact lists. The analysis revealed a planned meeting for a drug transaction involving a contact identified as 'Dealer Methamphetamine'.

3. Methodology & Tool Reliability

The data was extracted using the Android Forensics Tool, which utilizes ADB (Android Debug Bridge) to pull system databases directly. The extraction process was verified via MD5 hash integrity checks.

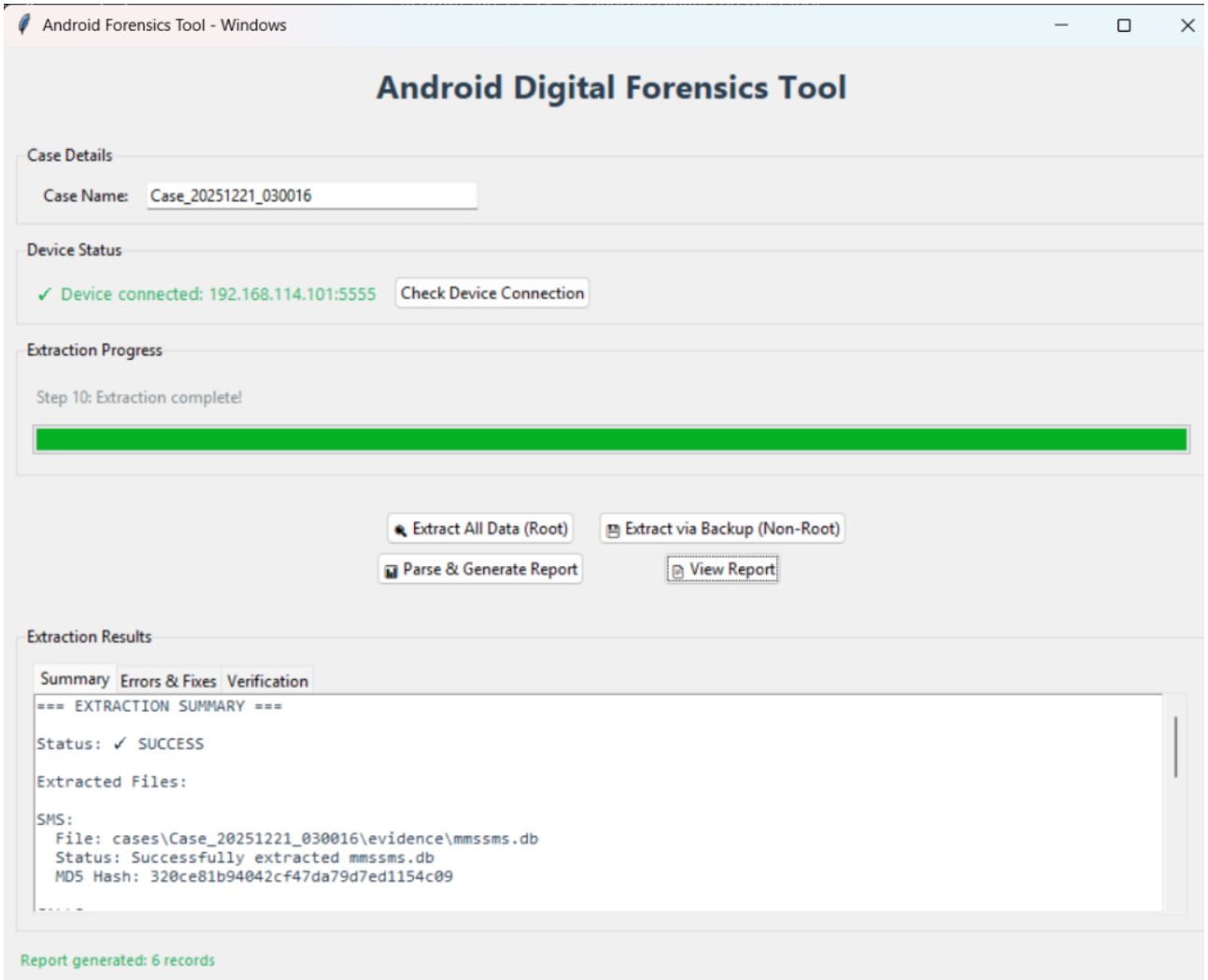

Figure 1: Successful extraction log showing MD5 hash verification of the SMS database.

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4. Detailed Findings

4.1 Incriminating Communications (SMS)

A text message was recovered sent to the number '01157119119'. The content of the message explicitly arranges a meeting for a narcotics transaction.

Extracted Content:

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Message: 'meet me at 7pm next monday at St Naql and Handassa Next to Gate 8 , I want 8 grams of crystal meth'
Timestamp: 2025-12-21 00:41:51
Recipient: 01157119119
```

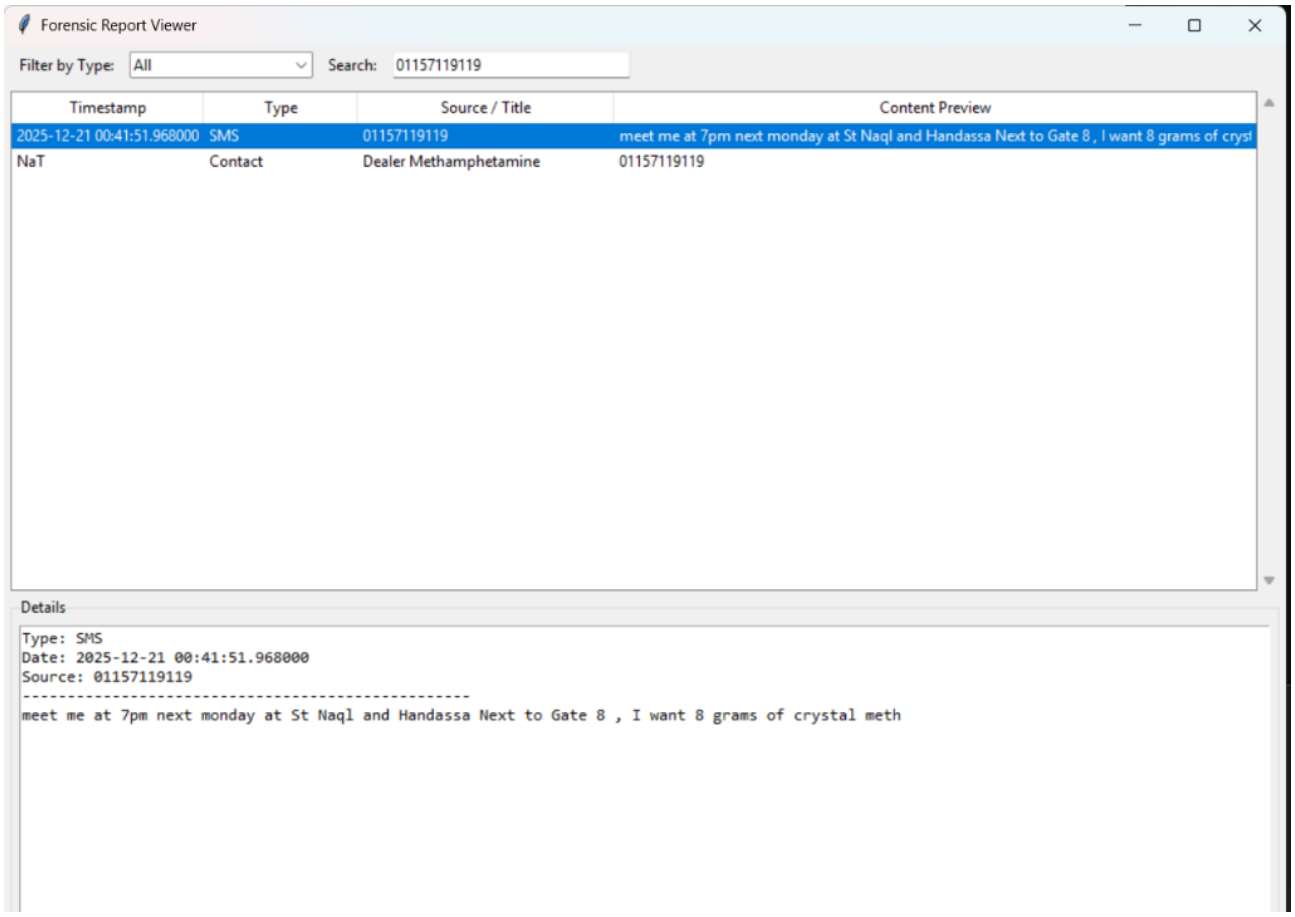

Figure 2: Forensic Report Viewer showing the incriminating SMS message.

4.2 Suspect Identification

Cross-referencing the phone number '01157119119' with the extracted Contacts database revealed the number is saved under the alias 'Dealer Methamphetamine', confirming the nature of the contact.

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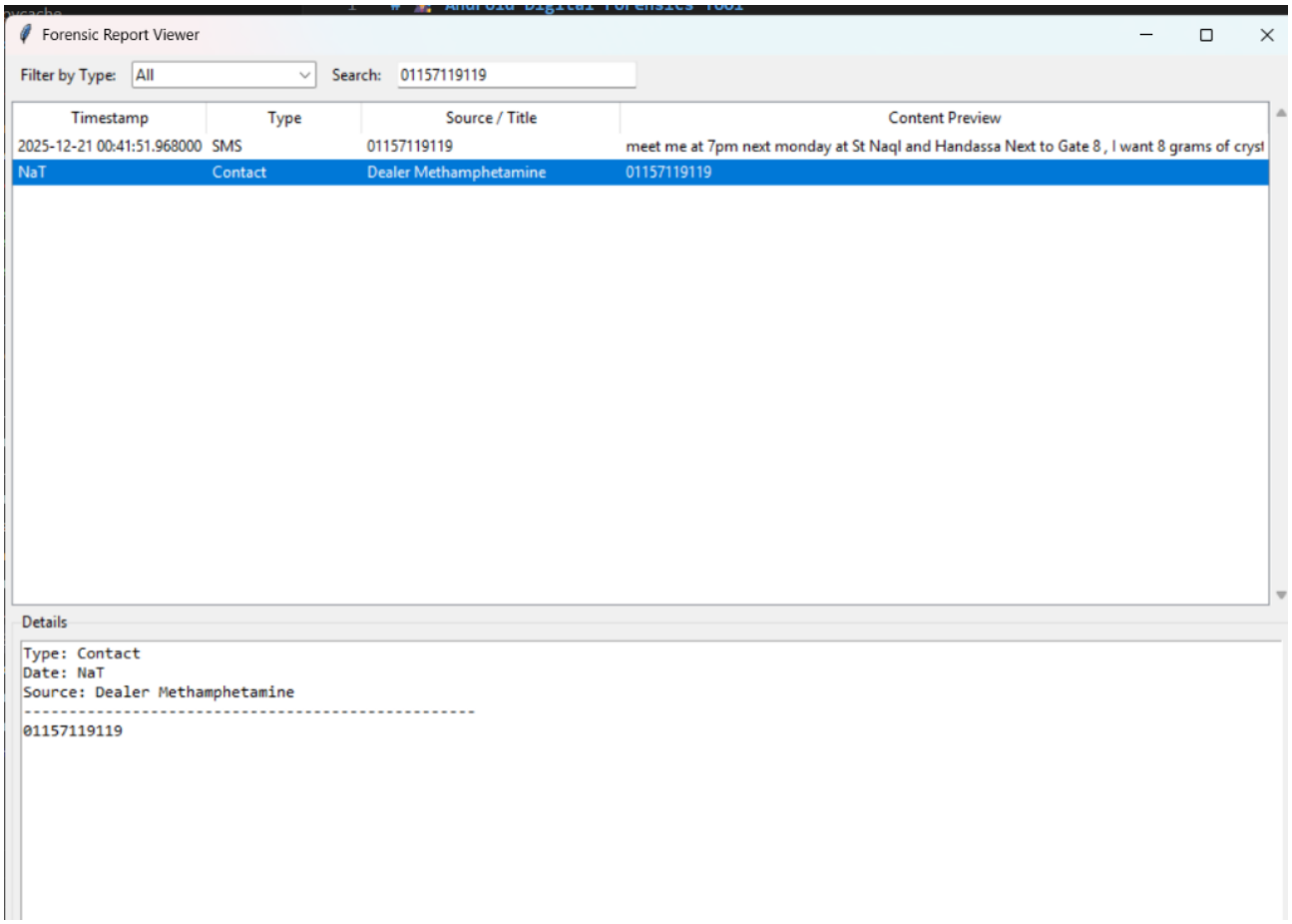

Figure 3: Contact entry linking the phone number to the alias 'Dealer Methamphetamine'.

5. Conclusion

The Android Forensics Tool was instrumental in uncovering direct evidence of intent to distribute controlled substances. The correlation between the SMS content and the Contact alias provides strong evidence of a scheduled drug deal.