

CASE STUDY

Using Cellebrite UFED 4PC to Gather Critical Evidence in a Sexual Harassment Case

Background:

In a sexual harassment case, a female victim lodged a complaint with the police regarding indecent messages and obscene pictures sent to her by the accused. The investigators faced a challenge when trying to extract the required evidence from the criminal's locked phone. The accused refused to provide credentials, and conventional methods of data extraction were not possible. The investigators were unable to get hold of vital data such as call logs, text messages, multimedia files, and other evidence, which would have been crucial to the case. It was imperative to find a solution that would help retrieve the necessary evidence and build a strong case.

Challenge:

The accused was aware of their right to remain silent and refused to provide any information that could potentially incriminate them. The investigators were left with no other option but to find a way to bypass

Tool used:

- Cellebrite UFED 4PC

Challenges:

- Investigators need to bypass a complex password-protected device and extract data from various locations to build a case against an accused who refused to provide incriminating information.

Results:

- The use of Cellebrite UFED 4PC helped extract crucial digital evidence, leading to the successful filing of a charge sheet and eventual conviction of the accused, emphasizing the importance of advanced digital forensic tools and skilled professionals in modern investigations.

the lock screen and extract the necessary evidence. The device was secured with a complex password, which made it nearly impossible to gain access through conventional means. Moreover, the data on the device was stored in various locations, making it a daunting task to extract and organize the data in a meaningful way. The investigators realized that they needed advanced digital forensics tools and techniques to overcome these challenges and retrieve the evidence needed to build a strong case against the accused.

Solution:

To overcome the challenge of retrieving evidence from the locked mobile phone, the law enforcement agency turned to Pelorus in assisting them. Pelorus experts used their technical knowledge and advanced tools, like Cellebrite UFED 4PC, to extract and interpret the evidence from the mobile phone. The UFED 4 PC with boot loader (lock bypass) enabled the experts to bypass the lock on the phone and gather the required evidence successfully. With the evidence in hand, the investigators were able to file a charge sheet against the perpetrator under sections 469, 500 (I) (b), and 509 of the Indian Penal Code. Pelorus' technical expertise and advanced tools were instrumental in solving this case and bringing the perpetrator to justice.

Result:

The successful extraction and interpretation of evidence with the help of Cellebrite UFED 4PC resulted in the gathering of crucial digital evidence, which was used to file a charge sheet. The evidence proved to be

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essential and pivotal in the further investigation of the case, helping the law enforcement agencies to bring the accused to justice and provide closure to the victim. The case highlights the significance of advanced digital forensic tools in modern-day investigations, and the importance of skilled professionals who can effectively utilize them to gather evidence efficiently and effectively.

Conclusion:

The successful resolution of this case exemplifies the importance of utilizing advanced digital forensics tools and techniques in the field of law enforcement. As cybercriminals continue to become more sophisticated, it is essential for investigators to have access to cutting-edge technology to gather evidence and support their cases in court. Cellebrite's UFED 4PC played a crucial role in helping the LEA to successfully retrieve evidence in this case, ultimately leading to the filing of a charge sheet. As the landscape of digital crime continues to evolve, it is clear that advanced digital forensics tools will be essential in helping law enforcement agencies to keep pace with criminals and bring them to justice.



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