

Training in the use of - Chip Off – Digital Forensic Technology

The 'Chip Off' digital forensics technology is the advanced method of extracting data by physically taking the flash memory chip from a mobile device via an intricate examination process involving the removal of the flash memory chip so that the raw data can be extracted via an external reader.

When a device has been damaged and is totally non-functional the only way to extract the data is by using these invasive digital forensics techniques which require specialist digital precision engineering and skills.

Overview

The training course has been designed for advanced practitioners who have previous experience in digital forensics and the investigation and examination of mobile devices and phones.

Initially scheduled for five days, it translates the theory into practice and delivers a more blended learning approach based around interactive practical scenarios which are designed to protect the integrity and analysis of data in an independent way to ensure that it is of the standard required to form part of the criminal investigation and justice process.

Learning Outcomes

On successful completion, delegates will have the understanding and ability to:

- Safely remove a Chip from a device within a laboratory environment.
- Handle and Prepare the Chip to be read.
- Read the Chip to acquire the data.
- Apply tools and techniques to decode the data.
- Utilising forensic software used in the recovery of logical and physical data dumps.
- Show competency in the use of the software needed to identify memory devices and mobile phone architecture.
- Practice in the use of soldering and the use of a re-workstation.
- Understand and practice the technique needed to clean and then re-ball a memory device.
- Import data into the requisite software – Oxygen.

