

Brief for the investigation:

This is the backstory for the investigation:

6	Full circumstances of investigation and what is required from the examination, including email addresses, passwords, usernames, SMS only, call data between two dates, images or videos etc. (Voicemail will NOT be retrieved unless proper authorities are granted.)
<p>Northumbria Police were contacted by Lisa Murphy on 30th November 2016 the occurrence of armed robbery at West Monkseaton Post Office 42-44 Earsdon Road, Whitley Bay. Shortly after another 999 call was received by an undisclosed individual passing the area. The witness was unable to give a detailed description of the assailants but was able to identify two concealed figures exiting fire escape at the back of the property into a black estate car that swiftly left the area. On arrival an inspection revealed two Post Office workers with no injuries and a smashed number plate with the registration of NY54 KSO on adjoining Brantwood Avenue. Both workers were interviewed at the scene, the two females were unable to describe the assailants accurately but could confirm they were armed and due to their accent and vocal tone, they were likely male and from the local area.</p> <p>Subsequently, on 01/12/2016 a statement was released to the public via Northumbria Police, asking for anyone in the Monkseaton area on 30/11/2016 between the hours of 13:00 and 15:00 to come forward with information that could supplement further enquiry.</p> <p>On 02/12/16 following the released statement a female witness came forward. The woman had been driving along Earsdon Road at 14 20 and was able to capture a black estate car on her smartphone speeding recklessly through a red light. Specialists at Northumbria Police Department were able to decipher a license plate number from the image provided. A last known owner Mr. Alan Redmond was tracked down to an address in the Bradford area. Upon Police Interview of Mr. Redmond, he clarified that the car was sold on 28/10/2016 to a man from the Newcastle area through an advertisement on a car sales website. Mr. Redmond was able to give officers a description of the two men who collected the car.</p> <p>Using the description provided by Mr. Alan Redmond analysis into CCTV footage inside the Post Office and on Earsdon Road was undertaken. The results of CCTV analysis provided a match between a suspicious individual and details given in Mr. Redmond's description. The male had been shown on CCTV taking photos of the Post Office a few days prior to the incident. The suspect was</p>	

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Authorised by H.Railton

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**NORTHUMBRIA
POLICE**

**DIGITAL FORENSICS UNIT
SUBMISSION FORM**

later identified as Mr. Lewis Scott.

Officers were sent to Mr. Scott's address at 14 Marlborough road Newcastle at 12:45 on 04/12/16. After no reply, a neighbor notified the officers that he and a female had left for a Newcastle Airport, and they were looking after his dog.

Newcastle Airport Patrol Officers were immediately informed and the suspect was apprehended attempting to board flight 435 to Saint-Tropez. Mr. Scott was arrested and brought into custody for questioning. Consequently, a search warrant was granted for 14 Marlborough Street was examined, a computer was seized believed to be Mr. Scott's, along with his mobile device (iPhone 4s). Mr. Scott's co-operation uncovered two other suspects involved in the robbery. The men were identified as Mr. Carl Brown and Mr. Eddie Young. A search on both suspects' properties only provided police with one mobile device (LG Nexus) identified as Mr. Browns. All suspects deny the allegations.

Please carry out a full download of both mobile phones and PC, and analysis of anything relating to the planning, carrying out and aftermath of the suspected offence armed robbery.

What did I do:

I conducted a digital forensics investigation on Mr. Scott's hard disk and phone image to prove his involvement in the robbery. Due to the large file size of these images and also the size of the report generated by Autopsy, I am unable to upload them to GitHub.

However, I have documented the findings of my investigation in a report titled 'digital_forensics_report.' You can find the details of the investigation in Section 1 of the report.

In Section 2, I discussed additional cybersecurity risks that small/medium businesses may face and i provided recommendations on how they can prevent incidents similar to the robbery outlined in the scenario brief from occurring to their businesses

What tools did I use:

Autopsy for computer image analysis and Cellebrite for phone image analysis