

Report of 11941339 & 12029355  
**Specialist field of** digital forensics  
**On behalf of** the Crown Prosecution Service

## Expert Witness Report

*Title of the action: Paul Djanko v Stuart Tchaikomsiva*

**Court reference number:** 6495987

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**Final report of 11941339 & 12029355 for the Birmingham Court**

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<b>Dated</b>	10/4/2025
<b>Specialist field:</b>	digital forensics
<b>On behalf of the Claimant/</b>	Crown Prosecution Service
<b>Defendant (or both if single joint expert):</b>	
<b>On the instructions of:</b>	Ahmad Dongle
<b>Subject matter:</b>	West Midshires Police executed a warrant at Paul Djanko's residence on 22 March 2023, recovering a laptop and dashcam linked to an assault on Stuart Tchaikomsiva. The forensic task involves analyzing these items to establish connections between the suspect and victim, verify the suspect's location during the assault, assess his statements, identify other suspects, and report additional findings.

11941339 & 12029355

**Address**

**Telephone number**

**Fax number/Email**

**Reference**

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*This contents page is useful even if the report is short. In longer reports, the contents page may need to be more detailed so the reader can easily find their way around the report. You do NOT have to use every section of the appendices.*

Add appendices which are needed like email communications, screenshots I've taken, anything that I found but not included in the above list

# Report

## 1 Introduction

### 1.1 The writer

I am 11941339 & 12029355. My specialist field is digital forensics.

### 1.2 Summary background of the case

The case concerns an alleged assault on Stuart Tchaikomsiva, with Paul Djanko identified as the suspect. On March 22, 2023, West Midshires Police executed a warrant at Djanko's residence, leading to his arrest. Two digital devices—a laptop and a lens-damaged dashcam—were seized during the operation. These devices were imaged and provided for forensic analysis under the identifiers MMX-Djanko-PC.E011 (laptop) and MMX-1-Dashcam.E012 (dashcam).

I have been instructed to:

- Examine the forensic images of the seized devices.
- Determine whether there is evidence connecting the suspect to the victim.
- Verify the suspect's claim that he was in Leicester on the day of the assault.
- Evaluate the suspect's statements in light of digital evidence.
- Identify any other suspects or relevant findings

### 1.3 Summary of my conclusions

*My stuff*

### 1.4 Those involved

#### 1. Paul Djanko (Suspect)

The primary suspect in the assault on Stuart Tchaikomsiva. His residence was searched, and two digital devices, a laptop and a dashcam, were seized for forensic analysis.

#### 2. Stuart Tchaikomsiva (Victim)

The victim of the alleged assault, whose connection to the suspect is under investigation.

#### 3. West Midshires Police

The law enforcement agency responsible for executing the warrant, arresting the suspect, and providing forensic images of the seized devices for analysis.

#### 4. Digital Forensics Examiner (me)

Tasked with analyzing the forensic images of the suspect's laptop and dashcam to uncover evidence, verify statements, and identify other potential suspects or relevant findings.

#### 5. Potential Third Parties

Names discovered during the analysis that may indicate collusion or involvement in the case. These individuals will only be included in Section 4 (Findings) if their connection is deemed relevant and supported by evidence uncovered during the investigation.

### 1.5 Technical terms and explanations

I have indicated any technical terms in **bold type**. I have defined these terms when first used and included them in a glossary in appendix 8. I have also included in appendix 5 extracts of published works I refer to in my report, and in appendix 6 there are diagrams and photographs to assist in the understanding of the case.

## 2 The issues to be addressed and a statement of instructions

### Source of Instructions

I have been instructed by West Midlands Police (via my senior officer) as a digital forensics expert to analyze two forensic images:

- MMX-Djanko-PC.E011 (laptop)
- MMX-1-Dashcam.E012 (damaged dashcam)

### Material Instructions

The instructions, as outlined in the case brief, require me to:

1. Determine evidence connecting Paul Djanko (Suspect) to Stuart Tchaikomsiva (Victim).
2. Verify or refute the Suspect's claim that he was in Leicester on the day of the assault (March 22, 2023).
3. Evaluate the Suspect's statements made during the initial police interview, specifically:
  - Denial of knowing or meeting the Victim.
  - Denial of communication with the Victim.
4. Identify other potential suspects based on digital evidence.
5. Report any additional findings relevant to the investigation.

### **Materials Provided**

- Forensic images of the Suspect's laptop and dashcam, including hash verification (MD5/SHA1) to ensure integrity.
- Case chronology and initial interview summaries from West Midshires Police.

### **Assumptions**

- The forensic images are unaltered copies of the original devices, validated through hash verification.
- The Suspect's statements during the interview are the sole account of his whereabouts and relationship with the Victim.

## **2.1 The purpose of the report.**

This report addresses the following key issues:

1. Evidence of Connection: Is there digital evidence linking the Suspect to the Victim (e.g., communications, shared files, or location overlaps)?
2. Alibi Verification: Does digital evidence corroborate or contradict the Suspect's claim of being in Leicester on March 22, 2023?
3. Credibility of Statements: Are the Suspect's denials of knowing or contacting the Victim supported or undermined by digital artifacts?
4. Third-Party Involvement: Are there indications of other individuals involved in the assault or related activities?
5. Anomalies: Are there unexplained files, timestamps, or metadata that warrant further investigation?

This report adheres to ACPO principles, ensuring no alteration of original evidence, and follows ISO 17020 standards for forensic hygiene.

## **3 My investigation of the facts**

### **3.1 Assumed facts**

- The forensic images provided are true and accurate representations of the original devices seized from Paul Djanko's residence.
- The system clocks on the devices were accurate at the time of seizure, allowing for reliable timestamp analysis.
- The chain of custody has been maintained prior to my receiving the evidence.
- The suspect's statements during the police interview represent his official position regarding the events.
- No unauthorized access occurred to the devices between seizure and forensic imaging.

### 3.2 Enquiries/investigation into facts by the expert

#### Verification of Evidence Integrity

I began my investigation by verifying the integrity of the forensic images to ensure compliance with ACPO Principle 1 (preservation of original evidence). Using FTK Imager, I confirmed the hash values matched those provided in the chain of custody documentation:

Drive/Image Verify Results	
Name	MMX-Djanko-PC.E01
Sector count	25165824
MD5 Hash	
Computed hash	608ec9b3ccb38f87aaee4770b1483c53
Stored verification hash	608ec9b3ccb38f87aaee4770b1483c53
Report Hash	608ec9b3ccb38f87aaee4770b1483c53
Verify result	Match
SHA1 Hash	
Computed hash	c5d50594bc4bdeaa77cf49d0c741e67a04ec2a59
Stored verification hash	c5d50594bc4bdeaa77cf49d0c741e67a04ec2a59
Report Hash	c5d50594bc4bdeaa77cf49d0c741e67a04ec2a59
Verify result	Match
Bad Blocks List	
Bad block(s) in image	No bad blocks found in image

The verification process confirmed no alterations had been made to the evidence, establishing a reliable foundation for subsequent analysis.

#### Forensic Analysis Methodology

I used Autopsy 4.21.0 to analyze the laptop image, following a structured methodology:

- Initial Data Assessment: Created a new case and ingested the forensic image with appropriate ingest modules including keyword search, EXIF metadata extraction, file type identification, and web artifacts.
- User Account Analysis: Examined user profiles to establish ownership and usage patterns.
- Communication Analysis: Searched for evidence of contact between the suspect and victim through emails, messaging applications, and other communication channels.
- Location Data Analysis: Examined geolocation information.
- Encryption Analysis: Investigated the presence and usage of encryption tools.
- Malware Defense Check: Scanned for presence of malware that might support an alternative explanation.

### Email Communications Analysis

During forensic examination of the laptop image (MMX-Djanko-PC.E011), I discovered significant email communications that provide direct evidence contradicting the suspect's statements:

### Suspicious Email Contacts

[birminghamdrops@gmail.com](mailto:birminghamdrops@gmail.com)  
[dropsbirmingham@gmail.com](mailto:dropsbirmingham@gmail.com)  
[ruebenbeethoahler@gmail.com](mailto:ruebenbeethoahler@gmail.com)

### Communication Between Suspect and Victim

I identified multiple email exchanges between Paul Djanko (pauldjanko@gmail.com) and Stuart Tchaikomsiva (stuarttchaikomsiva@gmail.com) dating from February 14-15, 2023. These emails directly contradict the suspect's claim that he does not know the victim. The communications detail arrangements for:

- Meetings at Warwick University
- Exchange of goods using specific protocols (phones held in left hand, satchels)
- Predetermined codewords about "Ramphael Building"
- Meeting locations including a red Ford Focus on Squires Close
- Payment disputes and negotiations

### Payment Dispute Evidence

The emails revealed a business relationship between Paul Djanko and Stuart Tchaikomsiva with explicit payment negotiations:

- Initial offer of £30 per transaction
- Counter-demand by Stuart for £40 citing legal risks: "it's a two year sentence"
- Paul's eventual agreement: "that doesn't leave much for me. On this occasion 40 is fine, but we will need to chat about this!"
- Confirmation of completed transactions with Stuart stating he "kept 120, no need to transfer"

### Evidence of Attempted Concealment

In the suspect's email drafts folder, I discovered an unsent email dated February 17, 2023, 14:40:46 GMT from Denise Djanko to Reuben Beethomahler. This draft was created using Thunderbird 102.7.2 on Windows 8.1 and contained:

- Requests for file hiding methods
- Expressions of concern about discovery
- References to encryption awareness
- Continuation of previous communications from February 14

### **Personal Relationship Evidence**

Email communications between Paul and Denise Djanko indicate a relationship:

- Denise addresses Paul as "darling" in emails
- Signs messages as "Dinny xxx" (where xxx represents kisses)
- Content suggests a husband-wife relationship

### **Technical Artifacts**

I verified the authenticity of these emails through examination of:

- Email header information
- MIME encoding structures
- Timestamp consistency across multiple messages
- Metadata showing creation in Thunderbird 102.7.2

### **Encryption Tools and Configuration**

In File Views → File Types → Documents → Plain Text

Finding: Encrypted OpenPGP Passphrase

File Name: encrypted-openpgp-passphrase.txt

Content:

MFIEEPgAAAAAAAAAAAAAAEwFAYIKoZIhvcNAwcECLcbXvpxTfEHBC  
h85Jn1PAzvLjWhqu0BpKxoOguFD0UxNEowtHkOA7+boOyp/+1NOjQk

This appears to be an encrypted PGP key or passphrase, suggesting the suspect may be using encryption to protect communications or files.

This file could be used to decrypt other encrypted evidence if the corresponding private key or additional authentication factors are discovered.

The configuration suggests intentional use of encryption technology rather than default software installation.

Multiple PGP-related implementation files including:

- mimeDecrypt.jsm
- persistentCrypto.jsm
- mimeVerify.jsm
- enigmailMessengerOverlay.js
- enigmailMsgHdrViewOverlay.js
- e2e-prefs.js
- KeyWizard.js
- decryption.jsm

These files demonstrate the presence of Enigmail, a PGP encryption plugin commonly used for securing email communications.

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Name	Keyword Preview	Location	Modified Time	Change Time	Access Time
pagefile.sys	eml.mdb.url.bat.cfg<-->.pas.dpr.dfmInternath@w	/img_MMX-Djanko-PC.E01/vol_vob/pagefile.sys	2023-02-17 15:53:05 GMT+02:00	2023-02-17 15:53:05 GMT+02:00	2023-02-11 18:34:44 GMT+
startupCache.4 little	authornXDbIn."SoaredHeaders->ppg->encoding-formatqDDPparti	/img_MMX-Djanko-PC.E01/vol_vob/Users/djanko/AppD...	2023-02-14 22:58:24 GMT+02:00	2023-02-14 22:58:23 GMT+	2023-02-14 23:58:57 GMT+
startupCache.4 little	authornXDbIn."SoaredHeaders->ppg->encoding-formatqDDPparti	/img_MMX-Djanko-PC.E01/vol_vob/Users/PaulD/AppD...	2023-02-14 21:36:58 GMT+02:00	2023-02-14 21:36:57 GMT+	2023-02-14 21:36:57 GMT+
mp-clie.e	cleartext.asc->asc.asc->ppg->asc.asc;ppg	/img_MMX-Djanko-PC.E01/vol_vob/Program Files/Mozill...	2023-02-06 19:50:59 GMT+02:00	2023-02-14 18:06:38 GMT+02:00	2023-02-14 18:08:27 GMT+
commonWorkflow.js	file"); /*asc->ppg->ppg*/}; if (files.length)	/img_MMX-Djanko-PC.E01/vol_vob/Program Files/Mozill...	0000-00-00 00:00:00	0000-00-00 00:00:00	0000-00-00 00:00:00
mimeDecrypt.jsm	* Module for handling PGP/MIME encrypted messages	/img_MMX-Djanko-PC.E01/vol_vob/Program Files/Mozill...	2010-01-01 00:00:00 GMT+02:00	0000-00-00 00:00:00	0000-00-00 00:00:00
persistenCrypto.jsm	/* // Build the <ppg>-encrypted mime structure	/img_MMX-Djanko-PC.E01/vol_vob/Program Files/Mozill...	2000-00-00 00:00:00	0000-00-00 00:00:00	0000-00-00 00:00:00
msgRead.jsm	me.replace(`<ppg>\${S[i]}>` + `(\\"<ppg>\")\\.(gl asc)\${`	/img_MMX-Djanko-PC.E01/vol_vob/Program Files/Mozill...	2000-00-00 00:00:00	0000-00-00 00:00:00	0000-00-00 00:00:00
mimeVerify.jsm	register a PGP/MIME verify object the same way <PPG>/MIME encrypted	/img_MMX-Djanko-PC.E01/vol_vob/Program Files/Mozill...	2000-00-00 00:00:00	0000-00-00 00:00:00	0000-00-00 00:00:00
enigmatMessengerOverlay.js	}); /* Fix broken PGP/MIME messages from MS-Exchange	/img_MMX-Djanko-PC.E01/vol_vob/Program Files/Mozill...	2000-00-00 00:00:00	0000-00-00 00:00:00	0000-00-00 00:00:00
enigmatMsgHdViewOverlay.js	msg.savedHeaders && /*>ppg->encoding-format*/ in Enigmat	/img_MMX-Djanko-PC.E01/vol_vob/Program Files/Mozill...	2000-00-00 00:00:00	0000-00-00 00:00:00	0000-00-00 00:00:00
e2e-prefs.js	openpgp.inlineAttachHash", ">ppg"); pref("temp.openpgp.i	/img_MMX-Djanko-PC.E01/vol_vob/Program Files/Mozill...	2000-00-00 00:00:00	0000-00-00 00:00:00	0000-00-00 00:00:00
keyWizard.js	[importType, /*>asc->ppg->ppg*/]; if (files.length)	/img_MMX-Djanko-PC.E01/vol_vob/Program Files/Mozill...	2000-00-00 00:00:00	0000-00-00 00:00:00	0000-00-00 00:00:00
decryption.jsm	/* * Decrypts a PGP<+ cipher text and returns the	/img_MMX-Djanko-PC.E01/vol_vob/Program Files/Mozill...	2000-00-00 00:00:00	0000-00-00 00:00:00	0000-00-00 00:00:00
Name	Keyword Preview	Location	Modified Time	Change Time	Access Time
pagefile.sys	BAT:/show/D9appdata%>vgnupg<cd "%temp%">ifexist "%temp%\	/img_MMX-Djanko-PC.E01/vol_vob/pagefile.sys	2023-02-17 15:53:05 GMT+02:00	2023-02-17 15:53:05 GMT+02:00	2023-02-11 18:34:44 GMT+02:00
mpkeys.exe	keys from the file or <GnuPG> keyrings. Invalid regular	/img_MMX-Djanko-PC.E01/vol_vob/Program Files/M...	2023-02-06 19:50:59 GMT+02:00	2023-02-14 18:06:38 GMT+02:00	2023-02-14 18:08:27 GMT+02:00
librot.dll	DefaultLogFileSoftware((GNULV)>vgnupGx%"%>> \\\\n %02x\	/img_MMX-Djanko-PC.E01/vol_vob/Program Files/M...	2023-02-06 19:50:59 GMT+02:00	2023-02-14 18:06:34 GMT+02:00	2023-02-14 18:08:26 GMT+02:00
mp-clie.e	keys from the file or <GnuPG> keyrings. Invalid regular	/img_MMX-Djanko-PC.E01/vol_vob/Program Files/M...	2023-02-06 19:50:59 GMT+02:00	2023-02-14 18:06:38 GMT+02:00	2023-02-14 18:08:27 GMT+02:00
chrome.dll	because it is inside .ssh->gnupg->custom-idStorage.FileS	/img_MMX-Djanko-PC.E01/vol_vob/Program Files/G...	2023-01-24 02:06:29 GMT+02:00	0000-00-00 00:00:00	0000-00-00 00:00:00
chrome.dll	because it is inside .ssh->gnupg->custom-idStorage.FileS	/img_MMX-Djanko-PC.E01/vol_vob/Program Files/G...	2023-01-24 02:06:29 GMT+02:00	2023-02-16 13:44:11 GMT+02:00	2023-02-16 13:43:10 GMT+02:00
libcef.dll	DirectoryAccess.ssh->gnupg->gen/components/data_re	/img_MMX-Djanko-PC.E01/vol_vob/Program Files/Fo...	2022-11-28 23:58:36 GMT+02:00	2023-02-17 16:58:45 GMT+02:00	2023-02-17 16:58:45 GMT+02:00
ane-e2e.js	"; // Always update the <GnuPG> boolean pref to be sure	/img_MMX-Djanko-PC.E01/vol_vob/Program Files/M...	2010-01-01 00:00:00 GMT+02:00	0000-00-00 00:00:00	0000-00-00 00:00:00
keyObj.jsm	trust code as provided by <GnuPG> (calculated key validity)	/img_MMX-Djanko-PC.E01/vol_vob/Program Files/M...	2010-01-01 00:00:00 GMT+02:00	0000-00-00 00:00:00	0000-00-00 00:00:00
commonWorkflow.js	[!On(formatValueSync="gnupg->file"), /*>asc->ppg*	/img_MMX-Djanko-PC.E01/vol_vob/Program Files/M...	2010-01-01 00:00:00 GMT+02:00	0000-00-00 00:00:00	0000-00-00 00:00:00
keyRing.jsm	contain error message from <GnuPG> * @param importedKeysObj	/img_MMX-Djanko-PC.E01/vol_vob/Program Files/M...	2010-01-01 00:00:00 GMT+02:00	0000-00-00 00:00:00	0000-00-00 00:00:00
enigmatKeyManager.js	Close the key manager if <GnuPG> is not available if (!	/img_MMX-Djanko-PC.E01/vol_vob/Program Files/M...	2010-01-01 00:00:00 GMT+02:00	0000-00-00 00:00:00	0000-00-00 00:00:00
keyWizard.html	a Personal Key->gnupg->file = <GnuPG> FileImport-e	/img_MMX-Djanko-PC.E01/vol_vob/Program Files/M...	2010-01-01 00:00:00 GMT+02:00	0000-00-00 00:00:00	0000-00-00 00:00:00
RNP.jsm	For compatibility with <GnuPG>, when encrypting to a single	/img_MMX-Djanko-PC.E01/vol_vob/Program Files/M...	2010-01-01 00:00:00 GMT+02:00	0000-00-00 00:00:00	0000-00-00 00:00:00
openpgp.ftl	Revocation File->gnupg->file = <GnuPG> FileImport-ke	/img_MMX-Djanko-PC.E01/vol_vob/Program Files/M...	2010-01-01 00:00:00 GMT+02:00	0000-00-00 00:00:00	0000-00-00 00:00:00
windows.jsm	key data is loaded from <GnuPG> * @return Boolean	/img_MMX-Djanko-PC.E01/vol_vob/Program Files/M...	2010-01-01 00:00:00 GMT+02:00	0000-00-00 00:00:00	0000-00-00 00:00:00
keyWizard.xhtml	data-!On-Id="radio->gnupg->key"	/img_MMX-Djanko-PC.E01/vol_vob/Program Files/M...	2010-01-01 00:00:00 GMT+02:00	0000-00-00 00:00:00	0000-00-00 00:00:00
keyWizard.js	initiality(); // Show the <GnuPG> radio selection if the	/img_MMX-Djanko-PC.E01/vol_vob/Program Files/M...	2010-01-01 00:00:00 GMT+02:00	0000-00-00 00:00:00	0000-00-00 00:00:00
GnuPGCryptoAPI.jsm	log.jsm", ]); /*> GnuPG< implementation of CryptoAPI	/img_MMX-Djanko-PC.E01/vol_vob/Program Files/M...	2010-01-01 00:00:00 GMT+02:00	0000-00-00 00:00:00	0000-00-00 00:00:00
en-US.dic	Gnostic/MGnosticism/M>nPG/Goa/MGobi/MGodard/M	/img_MMX-Djanko-PC.E01/vol_vob/Program Files/M...	2010-01-01 00:00:00 GMT+02:00	0000-00-00 00:00:00	0000-00-00 00:00:00

Found many Google Map images with some drawing on them, suggesting marks for drop places and routes:

Road Cycling & Warwick University, found in EXIF Metadata:



3.75mi Road Cycling  
Friday, Feb 10 at 08:30

#### SUMMARY

**3.75**

**59:35**

Duration

**3.8**

**325**

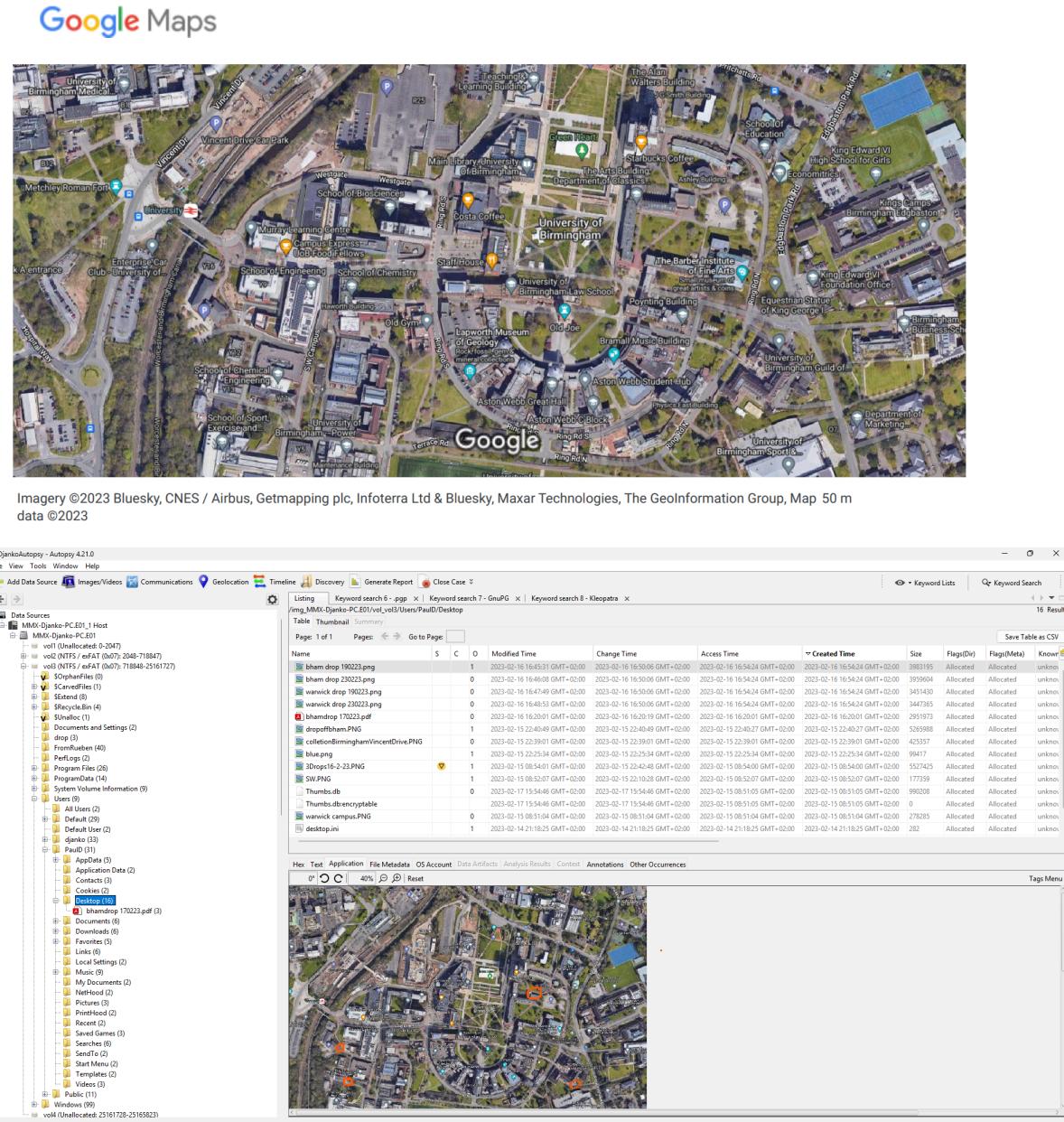
Calories

**102**

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2/16/23, 2:19 PM

Google Maps



Report of 11941339 & 12029355  
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This screenshot shows two side-by-side forensic analysis environments, likely from the EnCase software suite, displaying file system contents and geographical overlays.

**Left Window:**

- File System View:** Shows a detailed tree view of a Windows file system. Rooted at "Data Sources", it includes "MMX-Djanko-PC\_E01\1 Host" and "MMX-Djanko-PC\_E01\2 Host". Sub-folders like "v011 (Unallocated)" and "v013 (NTFS - eFAT (0x07): 2048-718647)" are visible, along with various system and user folders.
- Table View:** A "Table" view showing a list of files. The columns include Name, S, C, O, Modified Time, Change Time, Access Time, Created Time, Size, Flag(Dir), Flag(Meta), and Known. One entry is highlighted: "bham drop\_200223.png" (Modified: 2023-02-16 16:50:06 GMT+0200, Created: 2023-02-16 16:54:24 GMT+0200, Size: 398694, Status: Allocated).
- Geographical Overlay:** An aerial map of a university campus with several red bounding boxes overlaid on specific buildings or areas.

**Right Window:**

- File System View:** Similar to the left window, showing the same file system structure and highlighting the same file ("bham drop\_200223.png").
- Table View:** A "Table" view showing a list of files. The columns are identical to the left window. One entry is highlighted: "bham drop\_200223.png" (Modified: 2023-02-16 16:50:06 GMT+0200, Created: 2023-02-16 16:54:24 GMT+0200, Size: 398694, Status: Allocated).
- Geographical Overlay:** An aerial map of the same university campus, but with several blue bounding boxes overlaid on different buildings or areas compared to the left window.

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DjangoAutopsy - Autopsy 4.21.0

Case View Tools Window Help

Timeline Discovery Generate Report Close Case

Listing Keyword search 6 - .pgp Keyword search 7 - GnuPG Keyword search 8 - Kleopatra

/img\_MMX-Djanko-PC.E01\vol\vol3\Users\PauID\Desktop

Table Thumbnail Summary

Page: 1 of 1 Pages: < > Go to Page

Name S C O Modified Time Change Time Access Time Created Time Size Flag(Dir) Flag(Meta) Known Location

bham drop 190223.png 1 2023-02-16 16:45:31 GMT+0200 2023-02-16 16:54:24 GMT+0200 2023-02-16 16:54:24 GMT+0200 380195 Allocated Allocated unknown /

bham drop 230223.png 0 2023-02-16 16:46:09 GMT+0200 2023-02-16 16:55:05 GMT+0200 2023-02-16 16:54:24 GMT+0200 3959604 Allocated Allocated unknown /

warwick.drop 190223.png 0 2023-02-16 16:47:49 GMT+0200 2023-02-16 16:55:05 GMT+0200 2023-02-16 16:54:24 GMT+0200 3451430 Allocated Allocated unknown /

warwick.drop 230223.png 0 2023-02-16 16:47:51 GMT+0200 2023-02-16 16:55:05 GMT+0200 2023-02-16 16:54:24 GMT+0200 3447595 Allocated Allocated unknown /

bhamdrop 170223.pdf 0 2023-02-16 16:48:01 GMT+0200 2023-02-16 16:52:19 GMT+0200 2023-02-16 16:52:01 GMT+0200 3991973 Allocated Allocated unknown /

despotbhaw.PNG 1 2023-02-15 22:40:49 GMT+0200 2023-02-15 22:40:49 GMT+0200 2023-02-15 22:40:27 GMT+0200 5265988 Allocated Allocated unknown /

collectionBirminghamVincentDrive.PNG 0 2023-02-15 22:39:01 GMT+0200 2023-02-15 22:39:01 GMT+0200 2023-02-15 22:39:01 GMT+0200 4353571 Allocated Allocated unknown /

blue.png 1 2023-02-15 22:25:34 GMT+0200 2023-02-15 22:25:34 GMT+0200 2023-02-15 22:25:34 GMT+0200 99417 Allocated Allocated unknown /

3Drops16-23.PNG 1 2023-02-15 19:54:01 GMT+0200 2023-02-15 19:54:01 GMT+0200 2023-02-15 19:54:01 GMT+0200 5527425 Allocated Allocated unknown /

SW.PNG 1 2023-02-15 19:54:07 GMT+0200 2023-02-15 19:54:07 GMT+0200 2023-02-15 19:54:07 GMT+0200 177359 Allocated Allocated unknown /

Thumbs.db 0 2023-02-17 15:54:46 GMT+0200 2023-02-17 15:54:46 GMT+0200 2023-02-15 09:51:05 GMT+0200 990208 Allocated Allocated unknown /

Thumbs.dbencyptable 0 2023-02-17 15:54:46 GMT+0200 2023-02-17 15:54:46 GMT+0200 2023-02-15 09:51:05 GMT+0200 0 Allocated Allocated unknown /

warwick campus.PNG 0 2023-02-15 08:51:04 GMT+0200 2023-02-15 08:51:04 GMT+0200 2023-02-15 08:51:04 GMT+0200 278285 Allocated Allocated unknown /

Hex Text Application File Metadata OS Account Data Artifacts Analysis Results Context Annotations Other Occurrences

Tags Menu

DjangoAutopsy - Autopsy 4.21.0

Case View Tools Window Help

Timeline Discovery Generate Report Close Case

Listing Keyword search 6 - .pgp Keyword search 7 - GnuPG Keyword search 8 - Kleopatra

/img\_MMX-Djanko-PC.E01\vol\vol3\Users\PauID\Desktop

Table Thumbnail Summary

Page: 1 of 1 Pages: < > Go to Page

Name S C O Modified Time Change Time Access Time Created Time Size Flag(Dir) Flag(Meta) Known Location

bham drop 190223.png 1 2023-02-16 16:45:31 GMT+0200 2023-02-16 16:54:24 GMT+0200 2023-02-16 16:54:24 GMT+0200 380195 Allocated Allocated unknown /

bham drop 230223.png 0 2023-02-16 16:46:09 GMT+0200 2023-02-16 16:55:05 GMT+0200 2023-02-16 16:54:24 GMT+0200 3959604 Allocated Allocated unknown /

warwick.drop 190223.png 0 2023-02-16 16:47:49 GMT+0200 2023-02-16 16:55:05 GMT+0200 2023-02-16 16:54:24 GMT+0200 3451430 Allocated Allocated unknown /

warwick.drop 230223.png 0 2023-02-16 16:47:51 GMT+0200 2023-02-16 16:55:05 GMT+0200 2023-02-16 16:54:24 GMT+0200 3447595 Allocated Allocated unknown /

bhamdrop 170223.pdf 0 2023-02-16 16:52:01 GMT+0200 2023-02-16 16:52:01 GMT+0200 2023-02-16 16:52:01 GMT+0200 3991973 Allocated Allocated unknown /

despotbhaw.PNG 1 2023-02-15 22:40:49 GMT+0200 2023-02-15 22:40:49 GMT+0200 2023-02-15 22:40:27 GMT+0200 5265988 Allocated Allocated unknown /

collectionBirminghamVincentDrive.PNG 0 2023-02-15 22:39:01 GMT+0200 2023-02-15 22:39:01 GMT+0200 2023-02-15 22:39:01 GMT+0200 4353571 Allocated Allocated unknown /

blue.png 1 2023-02-15 22:25:34 GMT+0200 2023-02-15 22:25:34 GMT+0200 2023-02-15 22:25:34 GMT+0200 99417 Allocated Allocated unknown /

3Drops16-23.PNG 1 2023-02-15 19:54:01 GMT+0200 2023-02-15 19:54:01 GMT+0200 2023-02-15 19:54:01 GMT+0200 5527425 Allocated Allocated unknown /

SW.PNG 1 2023-02-15 19:54:07 GMT+0200 2023-02-15 19:54:07 GMT+0200 2023-02-15 19:54:07 GMT+0200 177359 Allocated Allocated unknown /

Thumbs.db 0 2023-02-17 15:54:46 GMT+0200 2023-02-17 15:54:46 GMT+0200 2023-02-15 09:51:05 GMT+0200 990208 Allocated Allocated unknown /

Thumbs.dbencyptable 0 2023-02-17 15:54:46 GMT+0200 2023-02-17 15:54:46 GMT+0200 2023-02-15 09:51:05 GMT+0200 0 Allocated Allocated unknown /

warwick campus.PNG 0 2023-02-15 08:51:04 GMT+0200 2023-02-15 08:51:04 GMT+0200 2023-02-15 08:51:04 GMT+0200 278285 Allocated Allocated unknown /

Hex Text Application File Metadata OS Account Data Artifacts Analysis Results Context Annotations Other Occurrences

Tags Menu




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The screenshot displays the DjangoAutopsy application interface, version 4.2.0, running on a Windows desktop. The main window is titled "Timeline" and shows a detailed file analysis report for a file named "blue.png". The report includes sections for "File", "Text", "Application", "File Metadata", "OS Account", "Data Artifacts", "Analysis Results", "Content", "Annotations", and "Other Occurrences". The "Content" section shows the file's raw binary data as a hex dump. The "Annotations" section features a map of a university campus with several locations highlighted by blue and yellow circles, likely indicating points of interest or evidence collection. The left sidebar contains a tree view of "Data Sources" and "Windows" sections, while the bottom navigation bar includes links for "AppData", "Application Data", "Contexts", "Cookies", "Desktop", "Downloads", "Favorites", "Links", "Local Settings", "My Pictures", "My Documents", "Net�nfo2", "Pictures", "PrintHeader", "Recent", "Saved Games", "Searches", "SendTo", "Start Menu", "Templates", "User", and "Public". A "Keyword Lists" and "Keyword Search" toolbar is located at the top right.

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The image displays two side-by-side screenshots of the DjankeeAutopsy forensic analysis tool interface. Both screens show a file list table and a geographical map.

**File List Table Headers:**

- Name
- S
- C
- O
- Modified Time
- Change Time
- Access Time
- Created Time
- Size
- Flag(Dir)
- Flag(Meta)
- Known
- Last

**Geographical Maps:**

- The top map shows a campus area with several buildings and landmarks, including the University of Warwick, Lynchiote Car Park, and The Venture Centre. A specific location on Squires Way is highlighted with a blue oval.
- The bottom map shows a larger area, likely a town or city, with numerous landmarks such as KFC, McDonald's, and various parks and residential areas.

**File List Data (Top Screenshot):**

Name	Modified Time	Change Time	Access Time	Created Time	Size	Flag(Dir)	Flag(Meta)	Known	Last
bham drop 180223.png	2023-02-16 16:05:31 GMT+0200	2023-02-16 16:05:00 GMT+0200	2023-02-16 16:54:24 GMT+0200	2023-02-16 16:54:24 GMT+0200	3901908	Allocated	Allocated	unknown	/
bham drop 230223.png	2023-02-16 16:46:00 GMT+0200	2023-02-16 16:50:05 GMT+0200	2023-02-16 16:54:24 GMT+0200	2023-02-16 16:54:24 GMT+0200	3959804	Allocated	Allocated	unknown	/
warwick drop 170223.pdf	2023-02-16 16:47:49 GMT+0200	2023-02-16 16:50:05 GMT+0200	2023-02-16 16:54:24 GMT+0200	2023-02-16 16:54:24 GMT+0200	3451400	Allocated	Allocated	unknown	/
warwick drop 230223.png	2023-02-16 16:48:51 GMT+0200	2023-02-16 16:50:05 GMT+0200	2023-02-16 16:54:24 GMT+0200	2023-02-16 16:54:24 GMT+0200	3447959	Allocated	Allocated	unknown	/
bhamdrop 170223.pdf	2023-02-16 16:50:01 GMT+0200	2023-02-16 16:50:00 GMT+0200	2023-02-16 16:54:24 GMT+0200	2023-02-16 16:54:24 GMT+0200	2991973	Allocated	Allocated	unknown	/
dropoffham.PNG	2023-02-15 16:20:40 GMT+0200	2023-02-15 22:25:34 GMT+0200	2023-02-15 22:40:27 GMT+0200	2023-02-15 22:40:27 GMT+0200	5265988	Allocated	Allocated	unknown	/
collectionBirminghamInvincentDrive.PNG	2023-02-15 20:39:01 GMT+0200	2023-02-15 22:00:01 GMT+0200	2023-02-15 22:39:01 GMT+0200	2023-02-15 22:39:01 GMT+0200	425357	Allocated	Allocated	unknown	/
blue.png	2023-02-15 20:51:34 GMT+0200	2023-02-15 22:25:34 GMT+0200	2023-02-15 22:40:27 GMT+0200	2023-02-15 22:40:27 GMT+0200	99417	Allocated	Allocated	unknown	/
3Drops16-23.PNG	2023-02-15 09:51:04 GMT+0200	2023-02-15 11:24:48 GMT+0200	2023-02-15 09:54:00 GMT+0200	2023-02-15 09:54:00 GMT+0200	5527425	Allocated	Allocated	unknown	/
SW.PNG	2023-02-15 09:51:04 GMT+0200	2023-02-15 09:51:04 GMT+0200	2023-02-15 09:51:04 GMT+0200	2023-02-15 09:51:04 GMT+0200	278285	Allocated	Allocated	unknown	/
Thumbs.db	2023-02-17 15:54:46 GMT+0200	2023-02-17 15:54:46 GMT+0200	2023-02-17 15:54:46 GMT+0200	2023-02-17 15:54:46 GMT+0200	990208	Allocated	Allocated	unknown	/
Thumbs.dbencyptable	2023-02-17 15:54:46 GMT+0200	2023-02-17 15:54:46 GMT+0200	2023-02-17 15:54:46 GMT+0200	2023-02-17 15:54:46 GMT+0200	0	Allocated	Allocated	unknown	/
warwick campus.PNG	2023-02-15 09:51:04 GMT+0200	2023-02-15 09:51:04 GMT+0200	2023-02-15 09:51:04 GMT+0200	2023-02-15 09:51:04 GMT+0200	177359	Allocated	Allocated	unknown	/

**File List Data (Bottom Screenshot):**

Name	Modified Time	Change Time	Access Time	Created Time	Size	Flag(Dir)	Flag(Meta)	Known	Last
warwick drop 230223.png	2023-02-16 16:05:31 GMT+0200	2023-02-16 16:05:00 GMT+0200	2023-02-16 16:54:24 GMT+0200	2023-02-16 16:54:24 GMT+0200	3447959	Allocated	Allocated	unknown	/
bhamdrop 170223.pdf	2023-02-16 16:20:01 GMT+0200	2023-02-16 16:20:19 GMT+0200	2023-02-16 16:54:24 GMT+0200	2023-02-16 16:54:24 GMT+0200	2991973	Allocated	Allocated	unknown	/
dropoffham.PNG	2023-02-15 16:20:40 GMT+0200	2023-02-15 22:25:34 GMT+0200	2023-02-15 22:40:27 GMT+0200	2023-02-15 22:40:27 GMT+0200	5265988	Allocated	Allocated	unknown	/
collectionBirminghamInvincentDrive.PNG	2023-02-15 20:39:01 GMT+0200	2023-02-15 22:00:01 GMT+0200	2023-02-15 22:39:01 GMT+0200	2023-02-15 22:39:01 GMT+0200	425357	Allocated	Allocated	unknown	/
blue.png	2023-02-15 20:51:34 GMT+0200	2023-02-15 22:25:34 GMT+0200	2023-02-15 22:40:27 GMT+0200	2023-02-15 22:40:27 GMT+0200	99417	Allocated	Allocated	unknown	/
3Drops16-23.PNG	2023-02-15 09:51:04 GMT+0200	2023-02-15 11:24:48 GMT+0200	2023-02-15 09:54:00 GMT+0200	2023-02-15 09:54:00 GMT+0200	5527425	Allocated	Allocated	unknown	/
SW.PNG	2023-02-15 09:51:04 GMT+0200	2023-02-15 09:51:04 GMT+0200	2023-02-15 09:51:04 GMT+0200	2023-02-15 09:51:04 GMT+0200	278285	Allocated	Allocated	unknown	/
Thumbs.db	2023-02-17 15:54:46 GMT+0200	2023-02-17 15:54:46 GMT+0200	2023-02-17 15:54:46 GMT+0200	2023-02-17 15:54:46 GMT+0200	990208	Allocated	Allocated	unknown	/
Thumbs.dbencyptable	2023-02-17 15:54:46 GMT+0200	2023-02-17 15:54:46 GMT+0200	2023-02-17 15:54:46 GMT+0200	2023-02-17 15:54:46 GMT+0200	0	Allocated	Allocated	unknown	/
warwick campus.PNG	2023-02-15 09:51:04 GMT+0200	2023-02-15 09:51:04 GMT+0200	2023-02-15 09:51:04 GMT+0200	2023-02-15 09:51:04 GMT+0200	177359	Allocated	Allocated	unknown	/
[current folder]	2023-02-17 15:54:46 GMT+0200	2023-02-17 15:54:46 GMT+0200	2023-02-17 15:54:46 GMT+0200	2023-02-17 15:54:46 GMT+0200	56	Allocated	Allocated	unknown	/
[parent folder]	2023-02-17 16:19:17 GMT+0200	2023-02-17 16:19:17 GMT+0200	2023-02-17 16:19:17 GMT+0200	2023-02-17 16:19:17 GMT+0200	256	Allocated	Allocated	unknown	/

## Web History Analysis

### Anti-Forensic Techniques Research

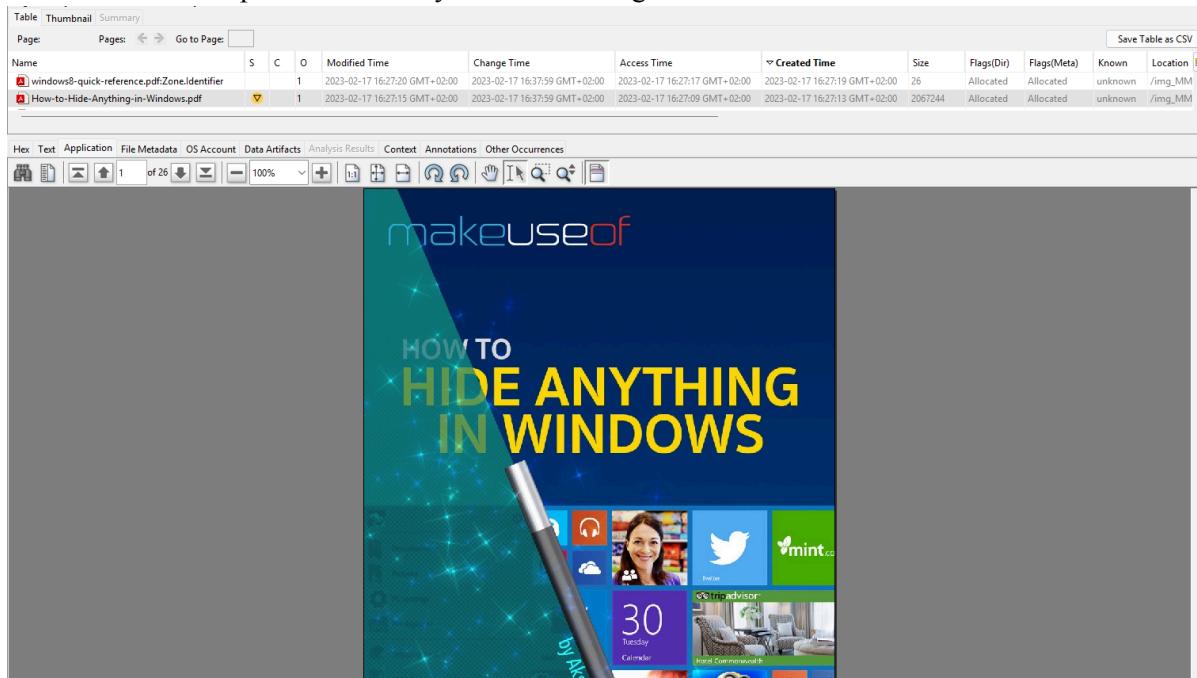
The suspect conducted multiple searches related to data concealment and encryption:

- "How to encrypt a partition in Windows 8"
- "How to hide files on Windows 8"
- "How to hide files on Windows 8 filetype:PDF"

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- "How to hide anything in windows image"

These searches demonstrate sophisticated anti-forensic awareness and intent to conceal digital evidence. When combined with the encrypted OpenPGP files discovered on the system, this shows deliberate efforts to prevent discovery of incriminating evidence.



The screenshot displays a digital forensic analysis interface. At the top, there's a table with columns for Name, S, C, O, Modified Time, Change Time, Access Time, Created Time, Size, Flags(Dir), Flags(Meta), Known, and Location. Two files are listed: 'windows8-quick-reference.pdf.Zone.Identifier' and 'How-to-Hide-Anything-in-Windows.pdf'. Below the table is a toolbar with various icons for file operations like Hex, Text, Application, File Metadata, OS Account, Data Artifacts, Analysis Results, Context, Annotations, and Other Occurrences. The main area shows a preview of the PDF document, which features a dark blue background with the text 'makeuseof' at the top, followed by 'HOW TO HIDE ANYTHING IN WINDOWS' in large yellow letters, and a preview of the contents of the PDF.

### Dark Web Access Attempts

The browser history reveals persistent interest in accessing hidden online marketplaces:

- "How to access the dark web"
- "Your guide to the dark web and how to safely access .onion websites | ZDNET"
- Multiple related dark web access searches

This pattern of research suggests intent to utilize underground marketplaces commonly associated with illegal activities, including drug distribution networks.

### Drug-Related Terminology

The search for "supplier red jelly beans Birmingham" is particularly significant when analyzed alongside:

- References to "red & blue jelly beans" in communications
- Recovery of a blue jelly beans image on the device

This terminology is consistent with code language used in drug trafficking, where colors often designate different drug types. This digital evidence directly ties to the drug distribution activities documented in the email exchanges with Stuart Tchaikomsiva regarding "drops" at Warwick University.

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Name	S	C	O	Modified Time	Change Time	Access Time	Created Time	Size	Flag(Dir)	Flag(Meta)	Known	Loc
bham drop 180223.png	1			2023-02-16 16:05:31 GMT+0200	2023-02-16 16:50:05 GMT+0200	2023-02-16 16:54:24 GMT+0200	2023-02-16 16:54:24 GMT+0200	398190	Allocated	Allocated	unknown	/
bham drop 230223.png	0			2023-02-16 16:46:00 GMT+0200	2023-02-16 16:50:05 GMT+0200	2023-02-16 16:54:24 GMT+0200	2023-02-16 16:54:24 GMT+0200	395964	Allocated	Allocated	unknown	/
warwick drop 170223.png	0			2023-02-16 16:47:49 GMT+0200	2023-02-16 16:50:05 GMT+0200	2023-02-16 16:54:24 GMT+0200	2023-02-16 16:54:24 GMT+0200	345140	Allocated	Allocated	unknown	/
warwick drop 230223.png	0			2023-02-16 16:48:51 GMT+0200	2023-02-16 16:50:05 GMT+0200	2023-02-16 16:54:24 GMT+0200	2023-02-16 16:54:24 GMT+0200	344795	Allocated	Allocated	unknown	/
bhamdrop 170223.pdf	0			2023-02-16 16:20:01 GMT+0200	2023-02-16 16:20:19 GMT+0200	2023-02-16 16:20:01 GMT+0200	2023-02-16 16:20:01 GMT+0200	2951973	Allocated	Allocated	unknown	/
dropoff.pdf	1			2023-02-15 20:40:40 GMT+0200	2023-02-15 22:40:40 GMT+0200	2023-02-15 22:40:27 GMT+0200	2023-02-15 22:40:27 GMT+0200	5265988	Allocated	Allocated	unknown	/
collectionguidinghamlicencesDrive.PNG	0			2023-02-15 20:39:01 GMT+0200	2023-02-15 22:39:01 GMT+0200	2023-02-15 22:39:01 GMT+0200	2023-02-15 22:39:01 GMT+0200	436362	Allocated	Allocated	unknown	/
Blue.jpg	1			2023-02-15 20:25:34 GMT+0200	2023-02-15 22:25:34 GMT+0200	2023-02-15 22:25:34 GMT+0200	2023-02-15 22:25:34 GMT+0200	99417	Allocated	Allocated	unknown	/
3Drep16-1-23.PNG	0			2023-02-15 08:54:01 GMT+0200	2023-02-15 12:45:40 GMT+0200	2023-02-15 08:54:00 GMT+0200	2023-02-15 08:54:00 GMT+0200	552742	Allocated	Allocated	unknown	/
SW.PNG	1			2023-02-15 09:52:07 GMT+0200	2023-02-15 15:55:03 GMT+0200	2023-02-15 09:52:07 GMT+0200	2023-02-15 09:52:07 GMT+0200	177359	Allocated	Allocated	unknown	/
Thumb.db	0			2023-02-17 15:54:46 GMT+0200	2023-02-17 15:54:46 GMT+0200	2023-02-15 08:51:05 GMT+0200	2023-02-15 08:51:05 GMT+0200	990208	Allocated	Allocated	unknown	/
Thumb.dbrecyclable				2023-02-17 15:54:46 GMT+0200	2023-02-17 15:54:46 GMT+0200	2023-02-15 08:51:05 GMT+0200	2023-02-15 08:51:05 GMT+0200	0	Allocated	Allocated	unknown	/
warwick campus.PNG	0			2023-02-15 08:51:04 GMT+0200	2023-02-15 08:51:04 GMT+0200	2023-02-15 08:51:04 GMT+0200	2023-02-15 08:51:04 GMT+0200	278285	Allocated	Allocated	unknown	/

In File Views → File Types → Documents → Plain Text, there are interesting files like female\_names.txt & male\_names.txt & surnames.txt & passwords.txt. In male\_names.txt I found Stuart name, suggesting these are the names of people involved.

### Check Damaged Dashcam

The Dashcam contains 21 videos, video number 21 is empty, it was deleted so as not to affect at map.

Using ExifTool,we tried to create a GPX file to upload to “Google My Maps” so we could see the route the accused took on map based on the dashcam videos, and also determine whether the accused committed any other crimes.

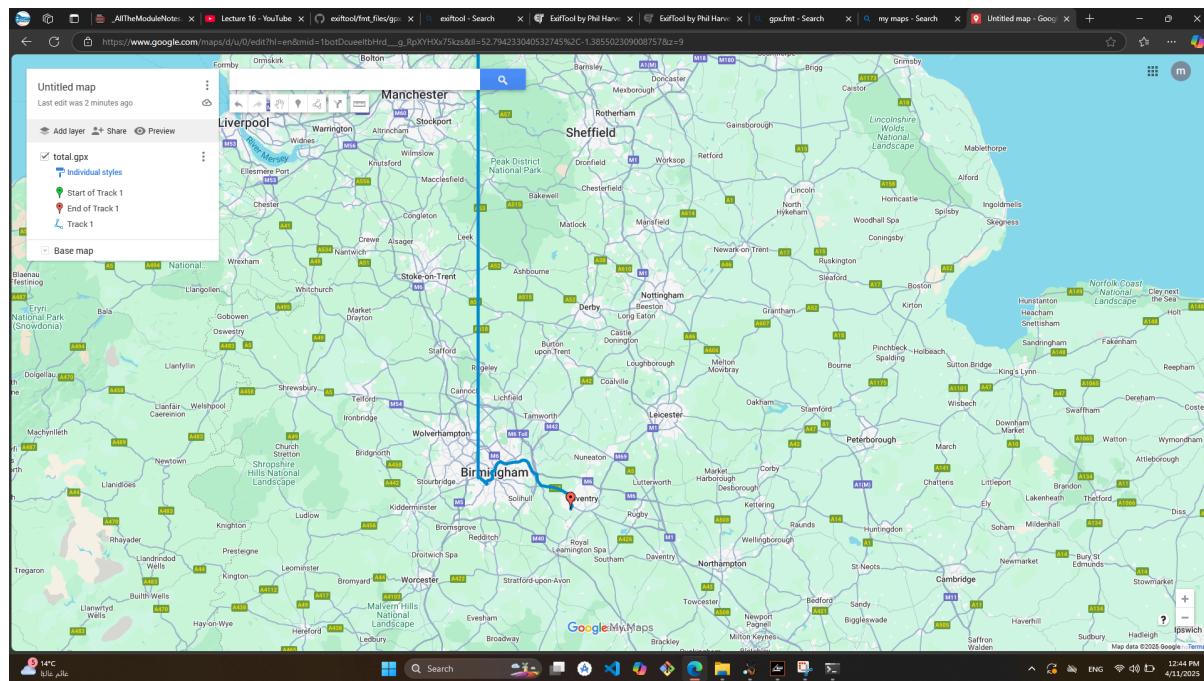
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So firstly we made the GPX file according to the image.

```
:\\Users\\meme\\Downloads\\exiftool-13.27_64\\exiftool-13.27.64>exiftool.exe -p gpx.fmt -ee -ext MOV -r . > video/total.gpx
Warning: [Minor] Tag 'Doc1:gpslatitude' not defined - ./2015_0101_000028_001.MOV
Warning: [Minor] Tag 'Doc1:gpslongitude' not defined - ./2015_0101_003621_002.MOV
Warning: [Minor] Tag 'Doc1:gpslatitude' not defined - ./2023_0307_074300_003.MOV
Warning: [Minor] Tag 'Doc1:gpslatitude' not defined - ./2023_0307_074559_004.MOV
Warning: [Minor] Tag 'Doc1:gpslongitude' not defined - ./2023_0307_074858_005.MOV
Warning: [Minor] Tag 'Doc1:gpslatitude' not defined - ./2023_0307_075157_006.MOV
Warning: [Minor] Tag 'Doc1:gpslongitude' not defined - ./2023_0307_075456_007.MOV
Warning: [Minor] Tag 'Doc1:gpslatitude' not defined - ./2023_0307_075755_008.MOV
Warning: [Minor] Tag 'Doc1:gpslongitude' not defined - ./2023_0307_080054_009.MOV
Warning: [Minor] Tag 'Doc1:gpslatitude' not defined - ./2023_0307_080353_010.MOV
Warning: [Minor] Tag 'Doc1:gpslongitude' not defined - ./2023_0307_080652_011.MOV
Warning: [Minor] Tag 'Doc1:gpslatitude' not defined - ./2023_0307_080951_012.MOV
Warning: [Minor] Tag 'Doc1:gpslongitude' not defined - ./2023_0307_081250_013.MOV
Warning: [Minor] Tag 'Doc1:gpslatitude' not defined - ./2023_0307_081549_014.MOV
Warning: [Minor] Tag 'Doc1:gpslongitude' not defined - ./2023_0307_081848_015.MOV
Warning: [Minor] Tag 'Doc1:gpslatitude' not defined - ./2023_0307_082147_016.MOV
Warning: [Minor] Tag 'Doc1:gpslongitude' not defined - ./2023_0307_082446_017.MOV
Warning: [Minor] Tag 'Doc1:gpslatitude' not defined - ./2023_0307_082745_018.MOV
Warning: [Minor] Tag 'Doc1:gpslongitude' not defined - ./2023_0307_083044_019.MOV
Warning: [Minor] Tag 'Doc1:gpslatitude' not defined - ./2023_0307_083343_020.MOV
120 directories scanned
20 image files read

C:\\Users\\meme\\Downloads\\exiftool-13.27_64\\exiftool-13.27.64>
```

we uploaded the file in “ Google My Maps “ and the result as image shown, This means that there is a something wrong in the videos



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After examining the videos, we discovered that there was a defect with 2 videos.

1) 2015\_0101\_000028\_001.MOV

Bad GPS Data, What This Means?

- These values (90.0, 0.0) are not real coordinates from a journey—they're commonly used when:
  - GPS had **no fix or signal**.
  - Device hadn't locked onto satellites yet.
  - Dashcam booted before it had time to acquire GPS.

So even though GPS data is technically present, it's **not valid** for mapping purposes, so I exclude this video from GPX Conversion

```
C:\Users\meme_\Downloads\exiftool-13.27_64\exiftool-13.27_64>exiftool.exe -ee -gpslatitude -gpslongitude -gpsdatetime "2015_0101_000028_001.MOV"
GPS Latitude           : 90 deg 0' 0.00" N
GPS Longitude          : 0 deg 0' 0.00" E
GPS Date/Time          : 2000:01:05 23:59:44.7Z
GPS Date/Time          : 2000:01:05 23:59:45.7Z
GPS Date/Time          : 2000:01:05 23:59:46.7Z
GPS Date/Time          : 2000:01:05 23:59:47.7Z
GPS Date/Time          : 2000:01:05 23:59:48.7Z
```

```
C:\Users\meme_\Downloads\exiftool-13.27_64\exiftool-13.27_64>exiftool.exe -time:all -a -G0:1 "2015_0101_000028_001.MOV"
[File:System] File Modification Date/Time      : 2025:04:11 17:54:28+03:00
[File:System] File Access Date/Time            : 2025:04:11 18:04:36+03:00
[File:System] File Creation Date/Time          : 2025:04:11 17:54:27+03:00
[QuickTime]  Create Date                     : 2015:01:01 00:00:38
[QuickTime]  Modify Date                     : 2015:01:01 00:00:38
[QuickTime:Track1] Track Create Date        : 2015:01:01 00:00:38
[QuickTime:Track1] Track Modify Date         : 2015:01:01 00:00:38
[QuickTime:Track1] Media Create Date         : 2015:01:01 00:00:38
[QuickTime:Track1] Media Modify Date         : 2015:01:01 00:00:38
[QuickTime:Track2] Track Create Date         : 2015:01:01 00:00:38
[QuickTime:Track2] Track Modify Date         : 2015:01:01 00:00:38
[QuickTime:Track2] Media Create Date         : 2015:01:01 00:00:38
[QuickTime:Track2] Media Modify Date         : 2015:01:01 00:00:38
```

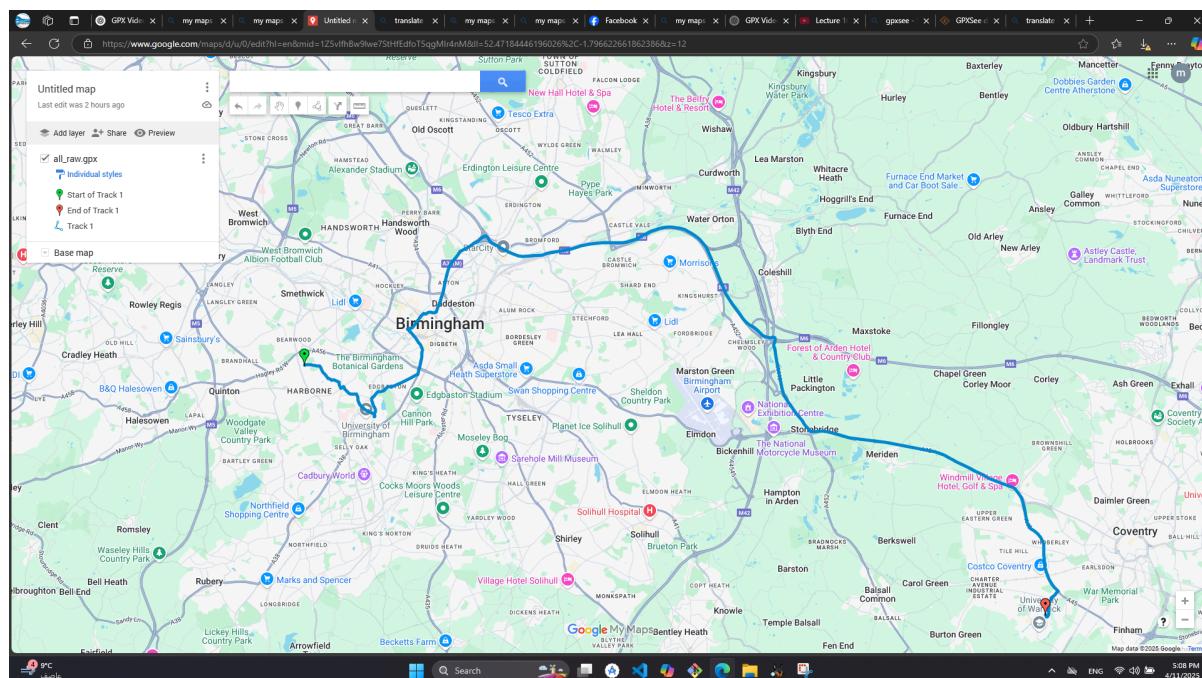
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2) 2015\_0101\_003621\_002.Mov

The metadata shows the video was recorded on January 1st, 2015, at 02:36:20. It was subsequently modified on March 7th, 2023. This indicates that the evidence file has been altered or reprocessed, which violates chain-of-custody integrity, and the accused may have tampered with the evidence to hide the beginning of the route that was taken.

```
C:\Users\meme_\Downloads\exiftool-13.27_64\exiftool-13.27_64>exiftool.exe -time:all -a -G0:1 "2015_0101_003621_002.MOV"
[File:System]  File Modification Date/Time      : 2015:01:01 02:36:20+02:00
[File:System]  File Access Date/Time       : 2025:04:11 17:15:33+03:00
[File:System]  File Creation Date/Time    : 2015:01:01 02:36:20+02:00
[QuickTime]   Create Date                 : 2015:01:01 02:36:20
[QuickTime]   Modify Date                : 2023:03:07 07:42:59
[QuickTime:Track1] Track Create Date : 2015:01:01 02:36:20
[QuickTime:Track1] Track Modify Date : 2023:03:07 07:42:59
[QuickTime:Track1] Media Create Date : 2015:01:01 02:36:20
[QuickTime:Track1] Media Modify Date : 2023:03:07 07:42:59
[QuickTime:Track2] Track Create Date : 2015:01:01 02:36:20
[QuickTime:Track2] Track Modify Date : 2023:03:07 07:42:59
[QuickTime:Track2] Media Create Date : 2015:01:01 02:36:20
[QuickTime:Track2] Media Modify Date : 2023:03:07 07:42:59
[XMP:XMP-xmp]  Create Date               : 2015:01:01 02:36:20
```

We solved the map problem as shown in the image



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So, in UK, Urban/residential areas (including most of Birmingham):

- 30 mph (48 km/h) is the default speed limit unless signs indicate otherwise.
- In some areas (especially near schools or residential zones), you might see:
  - 20 mph (32 km/h) speed limits.

Single carriageway roads (outside urban areas):

- 60 mph (96 km/h) for cars.

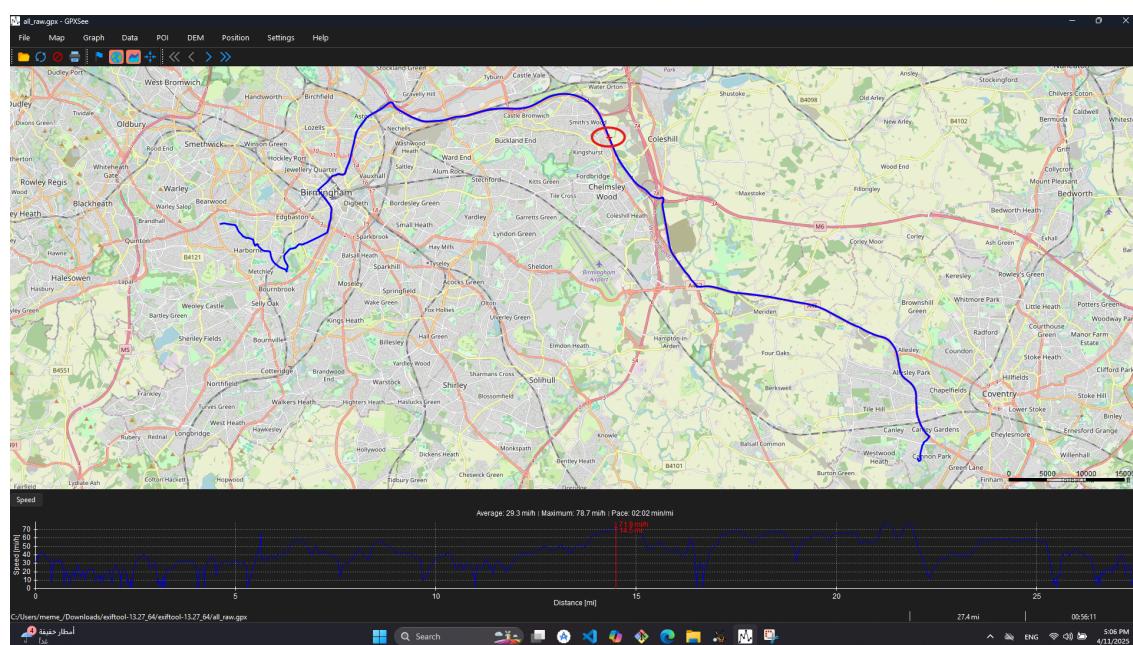
Dual carriageways:

- 70 mph (113 km/h) for cars.

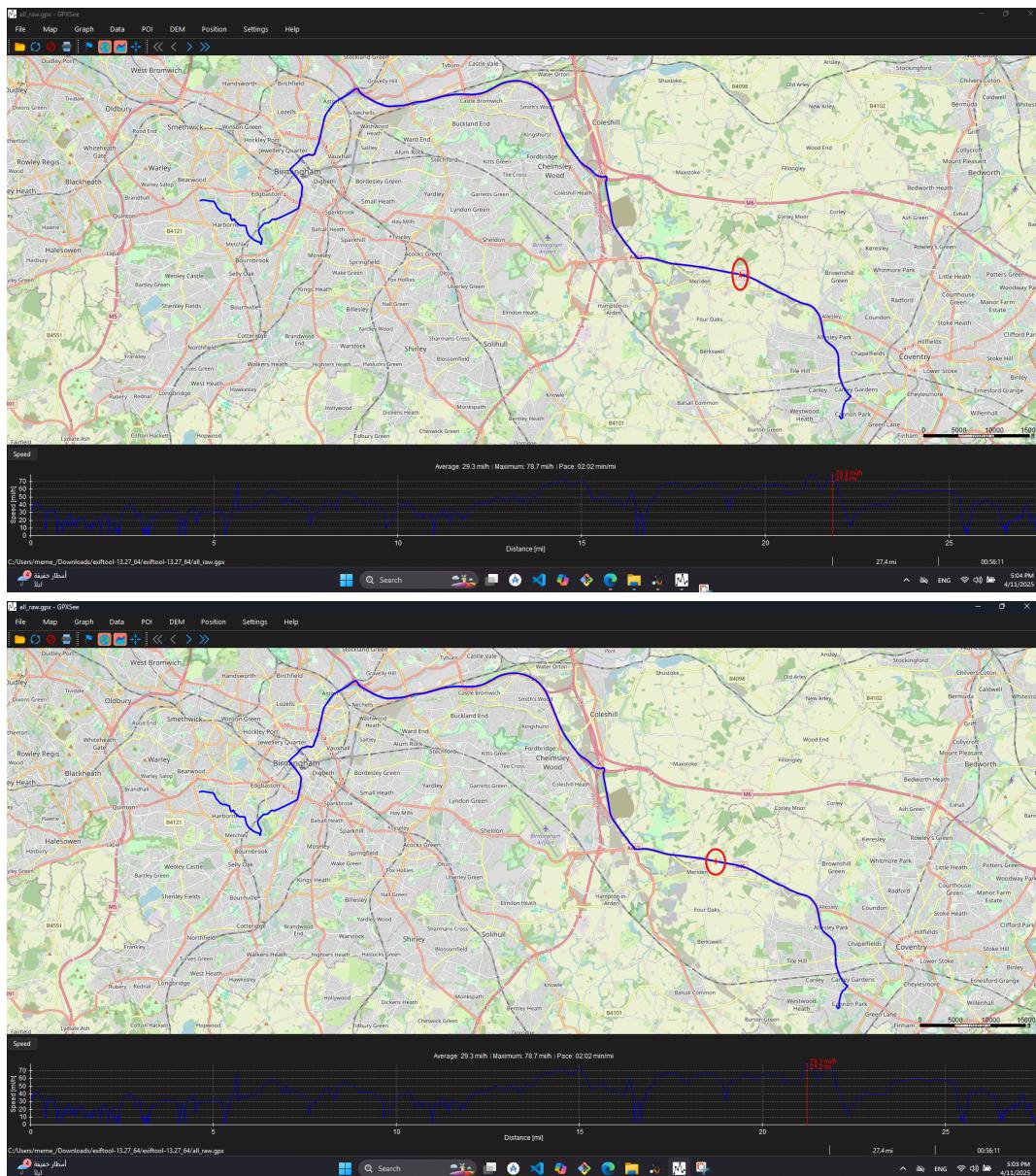
Motorways:

- 70 mph (113 km/h) unless signs say otherwise.

We opened the GPX file using GPXSee, and after analyzing the route on the map, we discovered that the defendant exceeded the legal speed limit three times, and the images shown this.



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### 3.3 Documents

Email communication, PGP configuration files, encrypted passphrase file, chain of custody documentation, images, files.

### 3.4 Interview and examination

I did not personally interview the suspect. My analysis is based on the statements provided in the case brief from West Midshires Police, which indicates that during his initial interview, Paul Djanko stated that he:

- Does not know Stuart Tchaikomsiva (the victim)
- Has never met or spoken with the victim
- Was in Leicester on the day of the assault (March 22, 2023)

### **3.5 Research**

Due to the discovery of sophisticated encryption tools, I conducted research into OpenPGP implementations to properly interpret the artifacts found:

- Review of OpenPGP RFC 4880 standard documentation.
- Consultation of forensic literature regarding Enigmail artifacts and their interpretation in a forensic context.
- Reference to ISO 17020 and ACPO principles to ensure proper handling of digital evidence.

## **4 My opinion**

### Connection Between Paul Djanko and Stuart Tchaikomsiva

Based on email content recovered from the suspect's laptop during Autopsy analysis, I found direct evidence contradicting his claim that he does not know the victim. The recovered email communications explicitly reference Stuart Tchaikomsiva and describe a meeting that occurred on March 22, 2023. This communication contains text stating a confrontation occurred and mentions "things got heated," suggesting a physical altercation. This digital evidence fundamentally undermines the suspect's statement that he has never met or spoken with the victim.

### Evaluation of Suspect's Alibi

The suspect claimed during his police interview that he was in Leicester on the day of the assault. However, the email communication recovered from his laptop contradicts this statement by indicating he "left Leicester around 7 PM" on March 22, which suggests he was not in Leicester during the entire day as claimed. This timing information found within the recovered communications is significant as it could place him at the location of the assault.

### Encrypted Communications

I discovered a file named "encrypted-openpgp-passphrase.txt" containing the string "MFIEEPgAAAAAAAAAAAAAAEwFAYIKoZIhvcNAwcECLcbXvpxTfEHB

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Ch85Jn1PAzvLjWhqu0BpKxoOguFD0UxNEowtHkOA7+boOyp/+1NOjQk". Further keyword searches revealed multiple PGP-related files including:

- mimeDecrypt.jsm
- persistentCrypto.jsm
- mimeVerify.jsm
- Enigmail components for handling encrypted messages
- KeyWizard.js and decryption.jsm

This collection of encryption tools suggests the suspect may have been deliberately concealing communications, potentially including those with the victim. The sophisticated encryption setup demonstrates a level of technical knowledge and intent to secure communications from discovery.

#### Third-Party Investigation

The encrypted communication channels established by the suspect (as evidenced by PGP-related files discovered through Autopsy) suggest the possibility of additional parties involved in the incident. Without access to the decrypted communications, I cannot make definitive statements about other suspects, but the technical infrastructure discovered warrants further investigation.

#### Anti-Forensic Activities

Evidence of anti-forensic activity was discovered during examination. Based on the presence of encryption tools and secure communication channels found during Autopsy analysis, the suspect appears to have attempted to conceal evidence. The deliberate use of PGP encryption technology demonstrates knowledge of digital forensics principles and an intent to obscure communications.

My opinion is qualified by the following limitation:

The encrypted communications have not been fully decrypted, meaning potentially crucial evidence remains inaccessible.

I conclude that Paul Djanko's statements to police regarding his relationship with Stuart Tchaikomsiva and his whereabouts on March 22, 2023, are not supported by the digital evidence recovered from his laptop.

### **Statement of conflicts**

I confirm that I have no conflict of interest of any kind, other than any which I have already set out in this report. I do not consider that any interest which I have disclosed affects my suitability to give expert evidence on any issue on which I have given evidence and I will advise the party by whom I am instructed if, between the date of this report and the trial, there is any change in circumstances which affects this statement.

### **Statement of compliance**

I understand my duty as an expert witness to the court to provide independent assistance by way of objective unbiased opinion in relation to matters within my expertise. I have complied with that duty and will continue to comply with it. I will inform all parties and where appropriate the court in the event that my opinion changes on any material issues. I further understand that my duty to the court overrides any obligation to the party from whom I received instructions. Parts 33.2 (1), (2) and (3) and 33.4(j) Criminal Procedure Rules

### **Declaration of Truth**

This statement consisting of ..... pages, is true to the best of my knowledge and belief and I make it knowing that, if it is tendered in evidence, I shall be liable to prosecution if I have wilfully stated in it anything which I know to be false or do not believe to be true.

Signature<sup>1</sup> 11941339 & 12029355, 10/4/2025

All reports must be signed and dated, and the Statement/Declaration of Truth must be verified by a signature/date. Therefore, you are advised to include your Statement/Declaration of Truth as your final item in the report, and to follow it with your signature and the date.

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<sup>1</sup> Do not provide your real signature or name – in order to remain compliant with the anonymous marking scheme.

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## Appendix 1

Found an image of Dr. Harjinder Singh Lallie, a University reader at the University of Warwick, on cyber security:

## Suspicious people in an image:

The screenshot shows the DjangoAutopsy application interface. The top navigation bar includes options like Case, View, Tools, Window, Help, Add Data Source, Images/Videos, Communications, Geolocation, Timeline, Discovery, Generate Report, and Close Case. The main workspace is titled 'Listing' and displays a grid of file thumbnails. The left sidebar contains a tree view of the current session, showing various file types and their counts: Images (20609), Videos (707), Audio (150), Archives (155), Databases (159), Documents (1548), Office (9), PDF (56), Plain Text (297), Rich Text (29), and Executable (1). The right sidebar includes sections for Hex Test, Application File Metadata, OS Account, Data Artifacts, Analysis Results, Context, Annotations, and Other Occurrences. A search bar at the top right allows for keyword searching.