

OSINT, GEOINT & Intelligence Investigation Challenges

Completed multiple practical intelligence-analysis and OSINT investigation challenges focused on blockchain tracing, attribution analysis, GEOINT, metadata investigation, social-media intelligence, dark-web research, and behavioural analysis.

Identity Correlation

Wallet Tracing

Metadata Extraction

Geolocation Analysis

Social-Media Intelligence

Infrastructure Analysis

Behavioural Pattern
Assessment

Evidence Reconstruction

Investigative Reporting

OVERVIEW & ANALYTICAL WORKFLOWS

Investigation Overview

Completed multiple practical intelligence-analysis and OSINT investigation challenges focused on:

- Blockchain tracing
- Attribution analysis
- GEOINT
- Metadata investigation
- Social-media intelligence
- Dark-web research
- Behavioural analysis

Investigation Workflows Involved

The investigations involved real-world style analytical workflows including:

- Identity correlation
- Wallet tracing
- Metadata extraction
- Geolocation analysis
- Social-media investigation
- Infrastructure analysis
- Behavioural pattern assessment
- Evidence reconstruction
- Investigative reporting

FSB INTELLIGENCE CHALLENGES

FSB Intelligence Challenges

Multi-part operational intelligence investigations

Identity analysis and attribution exercises

Communication and operational reconstruction scenarios

Multi-Part Operational Intelligence Investigations

Completed structured multi-part investigation scenarios requiring sequential analytical reasoning, evidence linkage, and intelligence reconstruction across operational case materials.

Identity Analysis & Attribution Exercises

Applied attribution methodology to reconstruct identity linkage from operational intelligence materials, correlating multiple data sources to build analytical profiles.

Communication & Operational Reconstruction Scenarios

Reconstructed communication patterns and operational timelines from fragmented intelligence materials to support analytical conclusions and evidence-based reporting.

OSINT INVESTIGATION CHALLENGES

OSINT Investigation Challenges

Email Intelligence & Account Enumeration Analysis

Conducted email-based intelligence analysis and account enumeration exercises to identify associated infrastructure, linked accounts, and identity indicators from email addresses and related metadata.

Influence-Operation Investigations

Investigated coordinated influence operations involving social-media amplification, narrative control, and multi-account coordination patterns using open-source analytical techniques.

Dark-Web Marketplace Intelligence Exercises

Completed dark-web marketplace intelligence exercises involving marketplace analysis, seller identification patterns, and operational security review using open-source investigation methodologies.

Image & Metadata Reconstruction Tasks

Extracted and analysed embedded metadata from images and documents to reconstruct device, location, and timeline indicators supporting investigation objectives.

Identity Tracing & Attribution Analysis

Applied cross-platform identity correlation techniques to trace and attribute online identities across multiple platforms, combining OSINT data sources to build attribution profiles.

GEOINT CHALLENGES

GEOINT Challenges

Geolocation Analysis

Applied geolocation analysis techniques to identify physical locations from imagery, environmental context, and visual intelligence indicators including architectural features, signage, and terrain characteristics.

Transit & Movement Reconstruction

Reconstructed transit routes and movement patterns from imagery and contextual indicators, correlating transport infrastructure, directional analysis, and environmental evidence to support investigative conclusions.

Image-Based Location Intelligence

Extracted location intelligence from image content using shadow analysis, sun angle assessment, architectural identification, and cross-reference techniques to establish precise or estimated geolocation.

Environmental & Contextual Investigation Exercises

Conducted environmental and contextual analysis exercises combining visual intelligence, terrain assessment, cultural indicators, and open-source data correlation to reconstruct and verify investigative findings.

PLATFORMS, METHODOLOGIES & INVESTIGATION AREAS

Platforms and methodologies used across investigations included:

1

Blockchain Explorers

2

OSINT Investigation
Techniques

3

Metadata Analysis

4

GEOINT Methodologies

5

Social-Media Intelligence
Analysis

6

Wallet Tracing

7

Transaction Continuity
Analysis

8

Open-Source
Investigative Workflows

9

Behavioural Analysis

10

Cross-Platform
Intelligence Correlation

11

Investigative
Documentation and
Reporting

SELECTED CHALLENGE CATEGORIES — SUMMARY

Selected completed challenge categories included:

FSB Intelligence Challenges

Multi-part operational intelligence investigations

Identity analysis and attribution exercises

Communication and operational reconstruction scenarios

OSINT Investigation Challenges

Email intelligence & account enumeration analysis

Influence-operation investigations

Dark-web marketplace intelligence exercises

Image and metadata reconstruction tasks

Identity tracing & attribution analysis

GEOINT Challenges

Geolocation analysis

Transit and movement reconstruction

Image-based location intelligence

Environmental and contextual investigation exercises

OSINT, GEOINT & Intelligence Investigation Challenges



FSB Intelligence

- Operational investigations
- Identity analysis
- Attribution exercises
- Reconstruction scenarios



OSINT Investigations

- Email intelligence
- Influence operations
- Dark-web research
- Metadata reconstruction
- Identity tracing



GEOINT

- Geolocation analysis
- Movement reconstruction
- Image-based intelligence
- Environmental analysis

Platforms & Methodologies

Blockchain explorers · OSINT investigation techniques · Metadata analysis · GEOINT methodologies · Social-media intelligence analysis · Wallet tracing · Transaction continuity analysis · Open-source investigative workflows · Behavioural analysis · Cross-platform intelligence correlation · Investigative documentation and reporting