DEMO CORP

demo services

Open-Source Intelligence (OSINT) Investigation

TCM SECURITY

Table of Contents

Confidentiality Statement

This document is the exclusive property of Demo Corp and TCM Security (TCMS). This document contains proprietary and confidential information. Duplication, redistribution, or use, in whole or in part, in any form, requires consent of both Demo Corp and TCMS.

Demo Corp may share this document with auditors under non-disclosure agreements to demonstrate penetration test requirement compliance.

Disclaimer

This Open-Source Intelligence (OSINT) report has been compiled by TCM Security based on information available in the public domain as of [INSERT DATE HERE]. While efforts have been made to ensure the accuracy of the information, it is subject to change. An OSINT investigation is considered a snapshot in time. The findings and recommendations reflect the information gathered during the assessment and not any changes or modifications made outside of that period.

TCM Security assumes no responsibility for any decisions made or actions taken based on this report. The use of this information is at the reader's own risk, and TCMS disclaims any liability for inaccuracies or omissions. This report is confidential and not intended for public distribution.

Contact Information

Name	Title	Contact Information
DEMO CORP		
Jane Smith	Chief Information Security Officer	jsmith@democorp.com
TCM Security		
Heath Adams	Lead Penetration Tester	heath@tcm-sec.com

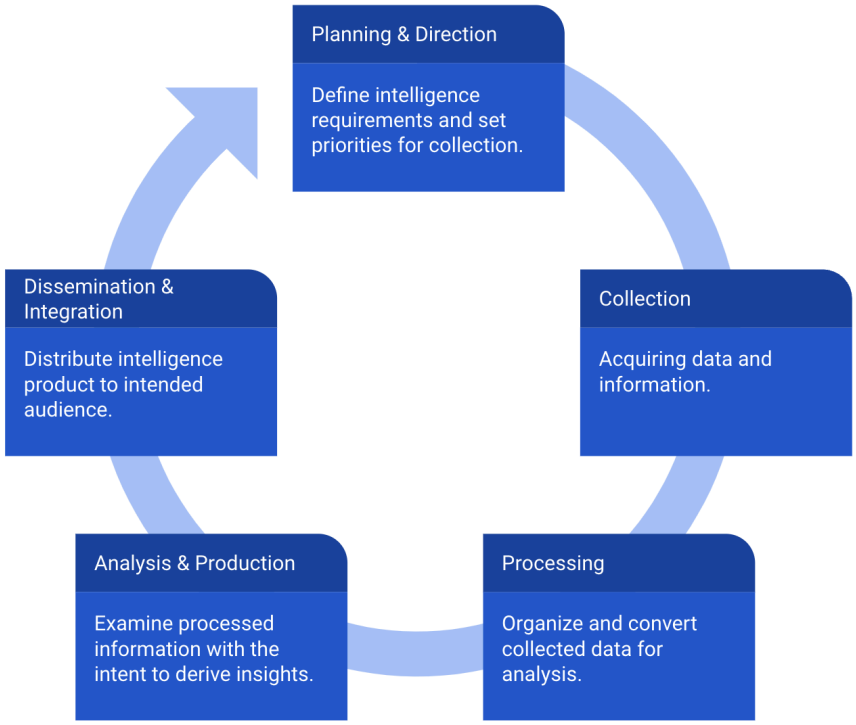
Assessment Overview

From [START DATE] to [END DATE], the OSINT Investigator conducted an Open-Source Intelligence (OSINT) assessment. The findings presented in this overview are derived from open-source data and do not involve any unauthorized access to private or confidential information. An OSINT risk assessment emulates the role of a threat actor employing methods like those utilized by malicious entities to gather information. Through data collection and analysis, an investigator will search open sources to identify potential risks, culminating in an assessment and profiling of discovered information.

This OSINT investigation aims to provide a realistic representation of the information landscape from a threat actor's perspective, enabling a proactive approach to strengthening organizational resilience.

Phases of the OSINT investigation include the following:

- Planning and Direction
- Collection
- Processing
- Analysis and Production
- Dissemination and Integration



Summary – Challenge 1

TCMS evaluated Demo Corp's provided image to discover data within them and make determinations from them. The following sections provide a high-level overview of findings discovered.

Objective

Geolocating this place may not be hard but the threatened arthropods that can be found in this place sure makes a hard migration every few generations.

You should be able to find a few decorative posters that have been made to commemorate this mighty migration. In one poster, a specific interstate highway is mentioned. What is this interstate highway and how many states does it go through?

Incredibly, scientists have able to identify a single member of this species with the longest travel. How many miles was the longest known individual migration identified by this species?

Key Findings

TCMS determined that the image provided was from the Great Smoky Mountains. In reading the Great Smoky Mountains National Park Service website TCMS identified that the Monarch butterfly is the only endangered arthropod that can be found in the park that makes a long migration. Through further research, it was identified that the Monarch butterfly is featured on a poster of the US Highway 35. This highway system goes through six (6) US states. Finally, the longest known individual migration was determined to be 2880 miles.

Photograph of Subject

Technical Evidence – Reverse Image Search

OSINT:	Used Google Lens to reverse image search and Google search operators to identify the location and threatened arthropod.
Link(s):	● https://www.nps.gov/grsm/learn/nature/te-species.htm ● https://www.fs.usda.gov/wildflowers/pollinators/Monarch_Butterfly/migration/index.shtml
Notes:	It was important to carefully focus on the mountain range to get a match to Great Smoky Mountains. The National Park website confirmed that the Monarch was on the threatened list.

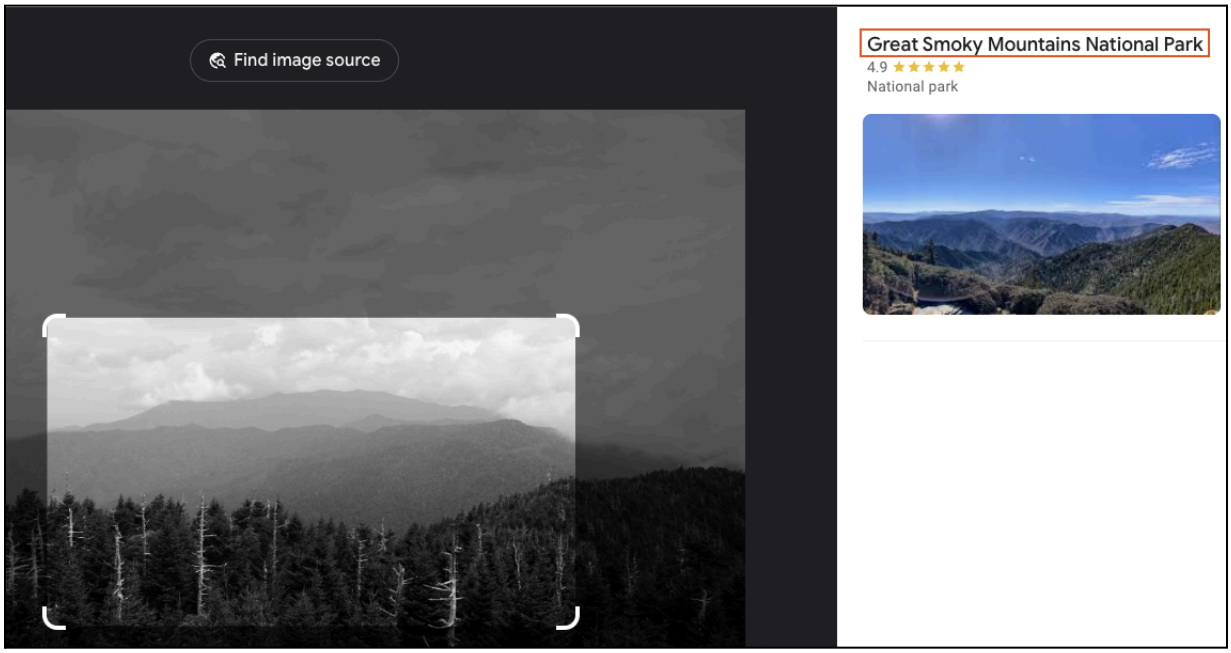


Figure 1: Geolocation confirmed by Google Lens

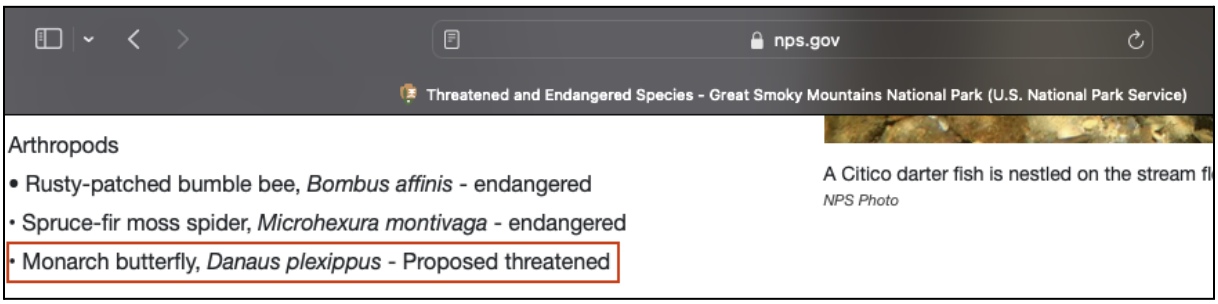


Figure 2: Monarch identified as threatened arthropod

Technical Evidence – Google Search Operators

OSINT:	Performed a google search for “monarch migration”, “monarch migration "highway poster"”, and finally “monarch migration longest trip recorded”.
Link(s):	• https://www.fs.usda.gov/wildflowers/pollinators/Monarch_Butterfly/migration/index.shtml • https://entnemdept.ufl.edu/walker/ufbir/chapters/chapter_35.shtml#:~:text=Monarch%20Watch%20lists%20the%20longest,%2C%201989%20in%20Austin%2C%20Texas.
Notes:	Utilizing the first two searches At the bottom, the website section “The Monarch Highway Poster” provides details that the interstate highway is called I-35” and that it goes through six (6) US states. A second Google search

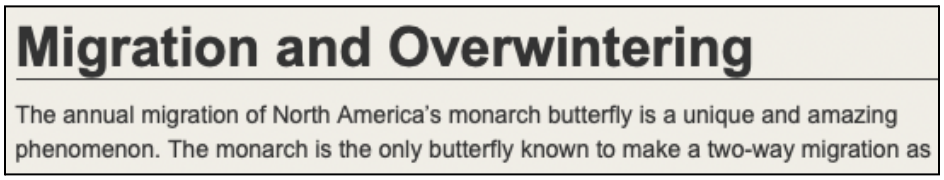


Figure 1: Proof of Monarch migration

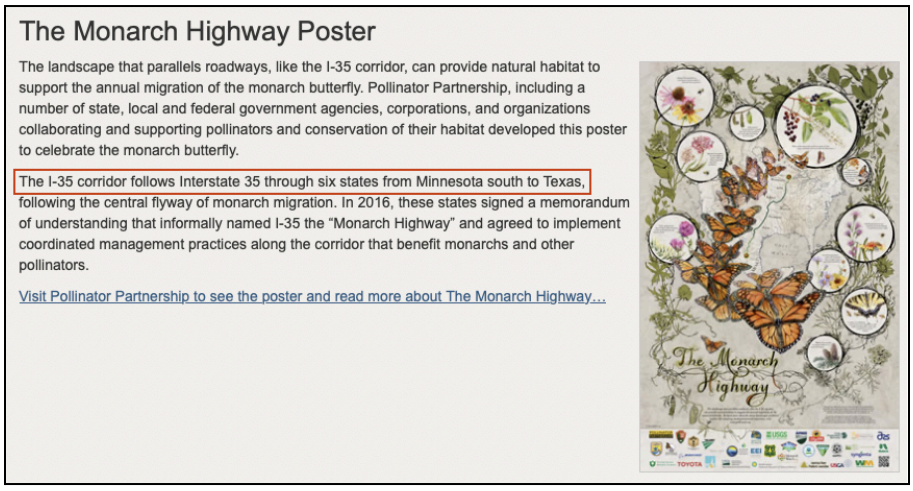


Figure 2: “The Monarch Highway Poster” detailing interstate highway information

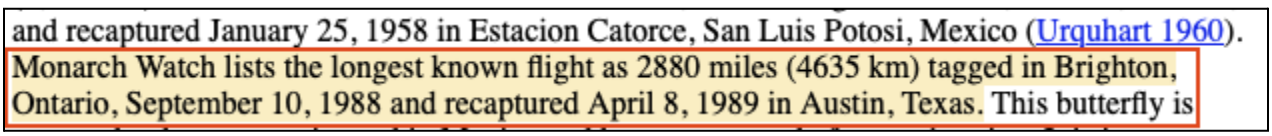

and recaptured January 25, 1958 in Estacion Catorce, San Luis Potosi, Mexico (Urquhart 1960). Monarch Watch lists the longest known flight as 2880 miles (4635 km) tagged in Brighton, Ontario, September 10, 1988 and recaptured April 8, 1989 in Austin, Texas. This butterfly is

Figure 3: Research paper documenting the longest recorded flight

Summary – Challenge 2

<Input summary for the challenge here>

Objective

<Input the objective here>

Key Findings

<Input key findings here>

Photograph of Subject

<input any photographs here or erase if unneeded>

Personal Information

<Name:
Date of Birth:
Phone number:
Address:

Erase if unneeded>

Usernames and Email

<input usernames here or erase if unneeded>

Location Information

<input location information here or erase if unneeded>

Technical Evidence – XXX

OSINT:	<Input OSINT performed here>
Link(s):	• <input link(s) here
Notes:	<Input notes from findings here>

Figure 1: XXX

Figure 2: XXX

Figure 3: XXX

Technical Evidence – XXX

OSINT:	<Input OSINT performed here>
Link(s):	● <input link(s) here
Notes:	<Input notes from findings here>

Figure 1: XXX

Figure 2: XXX

Figure 3: XXX

Summary – Challenge 3

<Input summary for the challenge here>

Objective

<Input the objective here>

Key Findings

<Input key findings here>

Photograph of Subject

<input any photographs here or erase if unneeded>

Personal Information

<Name:
Date of Birth:
Phone number:
Address:

Erase if unneeded>

Usernames and Email

<input usernames here or erase if unneeded>

Location Information

<input location information here or erase if unneeded>

Technical Evidence – XXX

OSINT:	<Input OSINT performed here>
Link(s):	● <input link(s) here
Notes:	<Input notes from findings here>

Figure 1: XXX

Figure 2: XXX

Figure 3: XXX

Technical Evidence – XXX

OSINT:	<Input OSINT performed here>
Link(s):	● <input link(s) here
Notes:	<Input notes from findings here>

Figure 1: XXX

Figure 2: XXX

Figure 3: XXX