ShadowDragon_

Choosing the right OSINT tool

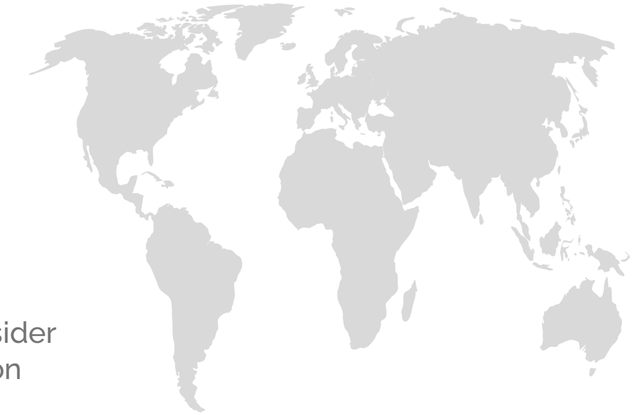
Niels Bjørn Andersen, VP of Partners EMEA

SHADOWDRAGON

About ShadowDragon

Global Company

Team members and offices located in US, EU and APAC.



Business Focus

Commercial, Government; B2B, B2C

History

Tools built initially for our consultant team in a sister company to properly address corporate espionage, insider threats, and international cases. Formed ShadowDragon after sales started in 2008, forcing the creation of a dedicated products company.

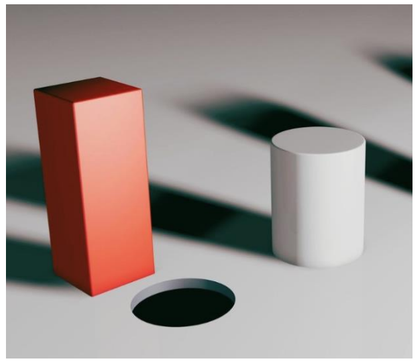
ShadowDragon

Formed in 2014

OSINT: What to Ask First?

🧠 Strategic Fit:

- **What specific problems am I trying to solve?**
- Does this tool align with our overall investigation or intelligence strategy?
- **How will success be measured?**
- **Do my vendor suply education and training**



🧩 Capabilities & Data Coverage

- **Which data sources does the tool access?**
- **Are the data sources relevant and legal for my region and industry?**
- Can the tool collect both historical and real-time information?
- Does it integrate with other tools or platforms I use?

⚙️ Usability & Performance

- **Is the interface intuitive for both analysts and investigators?**
- **How fast and accurate are searches and correlations?**
- Can I easily customize or filter data?
- Is there built-in visualization (graphs, timelines, relationship mapping)?

🔒 Legal, Ethical & Compliance

- **Is the tool compliant with GDPR or other local privacy regulations?**
- Does the provider ensure data is gathered and stored ethically?
- Who owns the collected data — me or the provider?

👨‍💻 Support, Security & Vendor Trust

- How responsive and knowledgeable is their support team?
- Is the company reputable and experienced in OSINT or investigations?
- How secure is the tool (encryption, audit trails, user management)?
- Can they provide customer references or case studies?

PAI vs CAI

PAI

Publicly Available Information

Speed, Scale, Legality

- Legally accessible to the general public
- No login or credentials required
- Social media, blogs, forums, news, public records
- Indexed by search engines

CAI

Commercially Available Information

Enrichment, Depth, Precision

- Legally obtained via purchase/license
- Still open-source, but not free
- Threat intel feeds, dark web data, mobile location data
- Requires vendor agreements or subscriptions

**ShadowDragon operates mainly in PAI, with CAI adds-on*

Investigating from multiple angles

There are two primary paths to start an OSINT investigation.

HORIZON INVESTIGATE

HORIZON MONITOR

INVESTIGATION LED

HORIZON MONITOR

HORIZON INVESTIGATE

MONITOR LED

Common start points

There are several entity options available in the entity panel in Horizon. Below are a list of commonly used entities and general themes to keep in mind for each:

Email Address

- One-to-one correlation
- Treat as two separate start points
  - Email address
  - Alias

Phone Number

- One-to-one correlation
- Must include + and country code
- Eliminate any spaces, dashes, parentheses, etc.

Alias:

- Username or handle
- Frequently recycled
- Does not have spaces

Person (Name Search)

- Person's Name
  - How common?
  - Did they use their true name to sign up for accounts?

GeoLocation: Lat/Long

- Search by locations or content
  - Locations: Foursquare & Instagram
  - Users/Content: Snapchat Location names can be a helpful alternative

Phrase

- Person/Company Names
- Search keywords by posts

Product Portfolio

SocialNet

The Engine

The Core of Our Data Collection and Search

Powering investigations with our robust API solution.

Horizon Identity

Uncover Online Identities in One Place

Automated searches across usernames, emails, and more—helping investigators build profiles faster and with precision.

Horizon Investigate

Link Analysis Made Easy

Search across usernames, domains, emails, and more-aggregating OSINT data into one interface for fast, visual insights.

Horizon Monitor

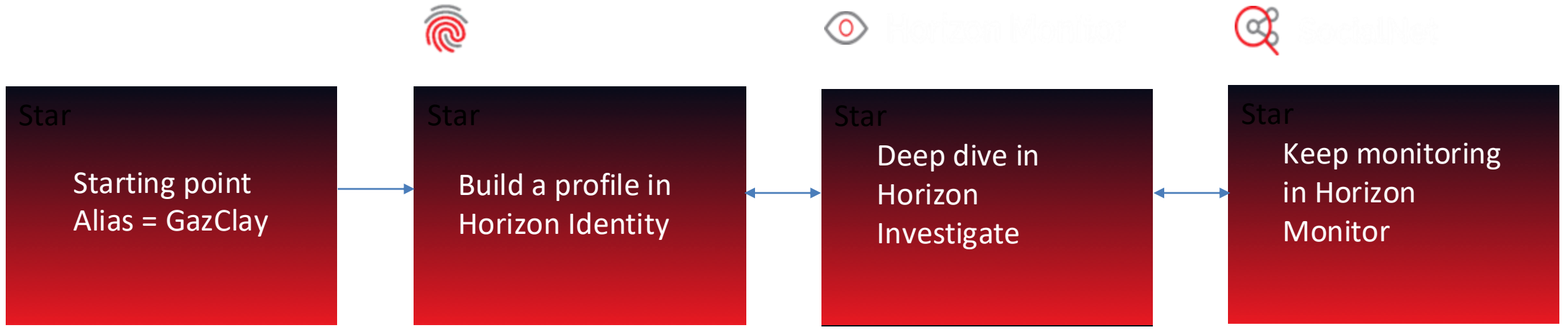
Pro-Active Monitoring

Track identities, keywords, or locations across social media - receive alerts on relevant changes, Integrated with Horizon Investigate for streamlined follow-up.

Add Ons: MalNet, Breach Data, Mobile Addid, Deep/Dark Web Tools, Domain Tools

Compliance Requirement
All solutions are required to adhere to ShadowDragon's compliance framework, which is derived from the United States sanctions list. Certain vendors may also maintain additional or proprietary sanctions lists. Prior to any engagement — including demonstrations, evaluations, or quotation requests — compliance clearance for your respective country must be obtained.

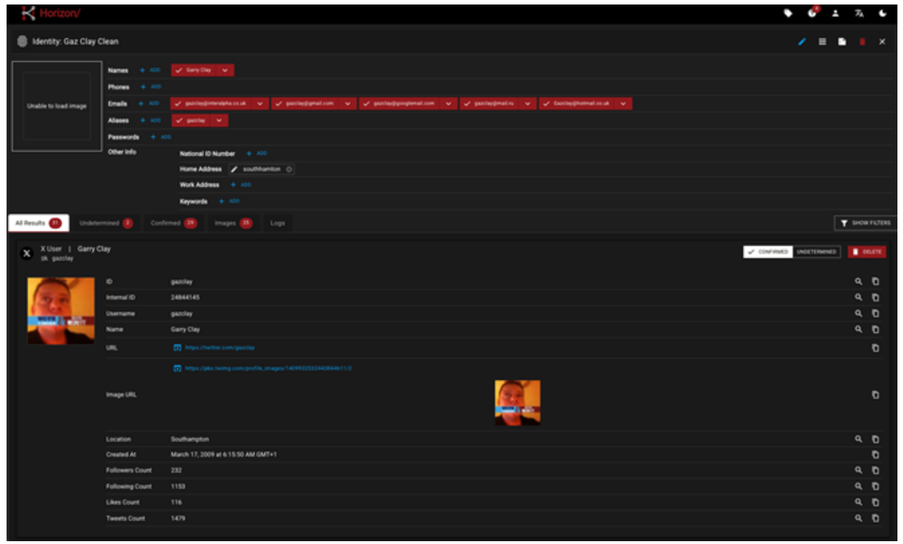
The demo and what to expect



Task of today

From as little as an Alias, build a profile in the shortest amount of time
From the profile, go on a deep dive into the data we have gained
When a point of interest appears, ensure we follow this profile, by monitoring

The demo


Horizon/
Identity: Gaz Clay Clean
Unable to load image
Names
Phones
Emails
Aliases
Passwords
Other Info
National ID Number
Home Address
Work Address
Keywords
All Results
Undetermined
Confirmed
Images
Logs
SHOW FILTERS
X User | Garry Clay
CONFIRMED
UNDETERMINED
DELETE
ID
Internal ID
Username
Name
URL
Image URL
Location
Southampton
Created At
March 17, 2009 at 6:15:50 AM GMT+1
Followers Count
232
Following Count
1153
Likes Count
116
Tweets Count
1479

Q & A