

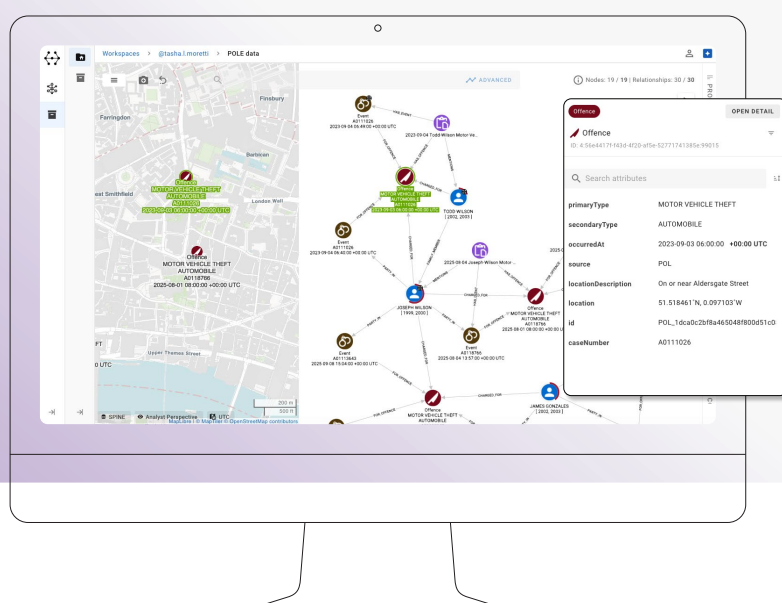
Graph-powered intelligence analysis platform for mission-critical environments

Unify fragmented data as a connected intelligence picture your teams can rely on.

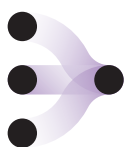
Intelligence data starts with connections

People link to organisations. Events connect to locations. Patterns emerge across networks. But understanding those relationships across fragmented systems and siloed sources is harder than it should be.

GraphAware Hume brings this data together as a living network - an interactive representation of your world that lets analysts answer their hardest questions.



What makes GraphAware Hume different?



Graph-native foundation

GraphAware Hume is built on graph technology at every layer, from the native graph database at its core to the visual analysis interface.

Data is ingested, stored, modelled, and explored as a connected network, which becomes an ever-strengthening foundation where increased complexity is an asset, not a bottleneck.



A platform you make your own

GraphAware Hume is a secure, transparent, and flexible platform, owned by you and designed to evolve with the mission.

You can build new data pipelines, adapt the schema, move data elsewhere, and integrate with other systems as requirements change.



Proven route to clear analysis

GraphAware Hume deployments prioritise getting analysts working with connected data quickly.

With each cycle, guided by our support, new data sources, queries, and workflows are added, making the results richer and more precise over time.

How teams use GraphAware Hume

01

Ingest and unify data

Configure custom data pipelines to ingest, enrich, and connect structured and unstructured data from multiple sources. The flexible graph model allows new data to be added incrementally without redesigning existing structures.

RESULTS

- ✓ Analysts spend less time preparing data and more time analysing it.

02

Explore connected relationships

Search and navigate the graph visually. Follow relationship paths, apply filters, and use geospatial and temporal views of your data. Multi-hop queries execute natively on the graph engine.

RESULTS

- ✓ Complex network questions can be answered directly.

03

Apply advanced graph analytics

Run sophisticated graph algorithms like pathfinding and community detection on the connected dataset, and configure automated alerts to monitor changes as new data is added.

RESULTS

- ✓ Hidden links and emerging clusters become visible earlier.

04

Share and disseminate findings

Turn discoveries into meaningful outputs by sharing interactive snapshots, exporting action boards for reports and briefings, or passing structured results directly into other systems via API.

RESULTS

- ✓ Insights move from analysis into briefings quickly and easily.

Designed for mission-critical environments

- ✓ Over a decade of experience delivering graph-powered intelligence analysis
- ✓ Built on Neo4j, the industry's leading graph database
- ✓ Proven in high-security, restricted, and regulated environments
- ✓ Production deployments across three continents

Where it's used

GraphAware Hume supports intelligence-led decision-making in environments where accuracy, explainability, and accountability matter.

- ✓ National security and defence
- ✓ Policing and public safety
- ✓ Tax, customs, and financial integrity
- ✓ Cyber defence and digital forensics



Let's talk

Ask a question, book a demo, or explore how GraphAware Hume can support your organisation.

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