



EMDYN Phalanx:

Bringing clarity to intelligence analysis

Clarity in uncertain times

In today's security landscape, data is abundant, but clarity is scarce. Information warfare, global instability and the sheer scale of unstructured data make separating signal from noise increasingly difficult. EMDYN Phalanx brings back clarity.

Phalanx is EMDYN's geospatial data fusion centre, designed to transform trillions of fragmented data points into coherent, verified intelligence. Signals from satellites, sensors and intelligence databases are fused into a single, continuous operational environment. This is full-spectrum geospatial data fusion.

Patterns, movements and anomalies become instantly visible. What once required hours of manual cross-referencing appears as one live intelligence picture. Analysts move directly from question to insight. Noise becomes narrative. Uncertainty becomes operational awareness.

By consolidating RMS, DMS, CMS and tasking into a single platform, EMDYN transforms data aggregation into a force multiplier.



Case Management System (CMS)

Create and manage cases and investigations. Share cases and collaborate with users from your department or organisation. Configure complex alerting scenarios for more efficient collaboration.



Record Management System (RMS)

Keep records on: people, groups, locations, assets. Map associations between entities and buildings or vehicles.



Data Management System (DMS)

Import and integrate your own local intelligence data. Automated real-time and near real-time data processing. Data enrichment and normalisation. Autonomous data connector.



Satellite Tasking

Direct tasking of numerous satellite imagery providers totalling over 260 satellites in as little as 2 hours with multiple resolutions available. Same workflow for every satellite imagery and SAR provider. Tasking also offers support for SIGINT from Space.



Geo

Where intelligence data is visualised, correlated, and explored in geographic context. Analyse patterns, movements, anomalies and relationships instantly across domains by layering multiple data sources on a single interactive map.

From data to decision

Security environments move faster than traditional intelligence systems. Decisions must be taken rapidly, yet the information required to act is often fragmented across disconnected tools and data sources. EMDYN closes that gap.

EMDYN transforms complex, multi-source data into actionable intelligence. By fusing signals from satellites, sensors, intelligence databases and open sources, organisations gain a clear operational picture for confident decision making.

The challenge facing modern intelligence teams is not a lack of data, but a lack of clarity. When information remains isolated across separate systems, relationships between events, actors and locations remain hidden, creating blind spots.

EMDYN removes those blind spots. Through geospatial data fusion, fragmented intelligence streams are combined into a single operational view, enabling faster analysis and better decisions.

Data Fusion

From Fragmented Signals to Verified Intelligence

Traditional intelligence often evaluates data within separate sources. EMDYN unlocks the full value of information by bringing intelligence sources together.

Through multi-source data fusion, signals from satellites, sensors and intelligence databases are analysed as a single operational environment.

Independent datasets reinforce each other, revealing patterns, movements and relationships that would otherwise remain unseen.

The result is verified intelligence delivered at mission speed. Analysts move from fragmented inputs to clear, contextual insight, enabling faster decisions and stronger operational awareness.

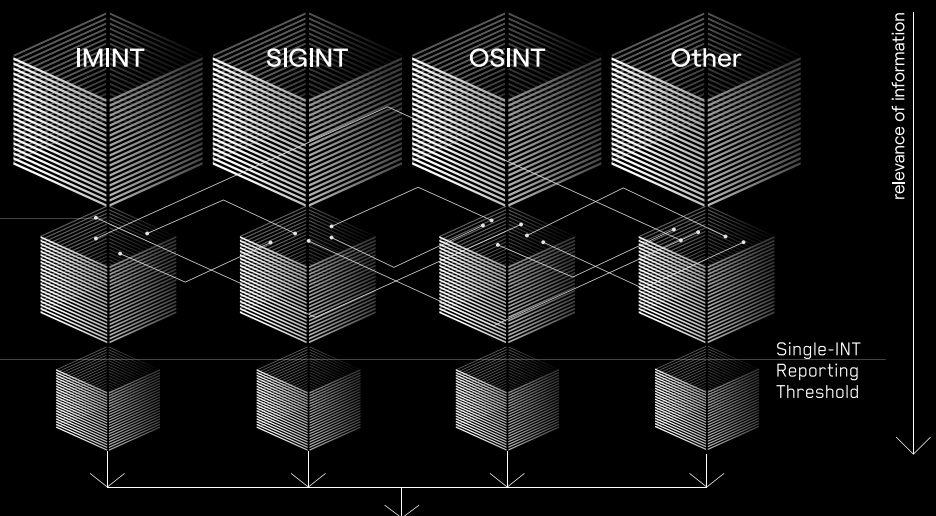
EMDYN Data Fusion

Multi-INT Integration Domain

Identify relationships between information in separate Big Data sets

Extract previously unseen value from information below the single-INT reporting threshold

Combine Multi-INT data into a full-context intelligence picture



Single-INT reporting requires information to reach a high threshold of specificity and completeness to provide value in the form of actionable intelligence. Only a limited portion of available information is utilised effectively in this process.



Truth you can act on.

EMDYN equips organisations with intelligence that is trusted, timely and secure – helping decision makers protect critical assets and stay ahead of emerging threats.

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