I4D can be utilised across all levels of missions from local to global cases, strategic to tactical missions, and for monitoring areas varying in size from a particular airbase to an entire country.

A solution for multi-source intelligence, I4D forms the backbone of Airbus’ GEOINT offering.

GEOINT is based on imagery and map foundation layers, making it possible to fuse imagery intelligence (IMINT) products with additional data from signal (SIGINT), human (HUMINT), and open source (OSINT) intelligence reports.

I4D is a system for data fusion and geospatial analysis allowing multi-source data management, visualisation, analysis and smart decision-making. Using Airbus’ operational expertise, this unique offering has been developed in collaboration with the French Ministry of Defence.
I4D suite of products

I4D is built on three pillars, enabling efficient analysis of a situation and fast decision-making. Decision makers can request information, ranging from terrorism threats to border monitoring to the detection of illegal activities. GeoINT analysts then use I4D to collect and process data, it is then fused and analysed, with intelligence reports produced ready for dissemination.

<table>
<thead>
<tr>
<th>I4D Explorer</th>
<th>I4D Web</th>
<th>I4D Data Centre</th>
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<tr>
<td>Based on a virtual globe, I4D Explorer is designed to provide analysts with the tools to visualise, manipulate and analyse geospatial and time-tagged data. Functions include fluid visualisation, data management (import, access, search and filtering), analysis and advanced processing, and reporting.</td>
<td>Running within an internet browser, I4D Web is the light-client version of the I4D Explorer desktop application, focused on geospatial data dissemination and visualisation.</td>
<td>I4D Data Centre is designed to store, catalogue and manage all types of data, regardless of their sources, types, resolutions, origins: satellite imagery, maps, elevation models and any geo-referenced data. I4D is fully compatible with OGC standards, enabling easy connection to any open web service.</td>
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</tbody>
</table>

### Key features

| Data storage and catalogue | Interoperable | Efficiency: Fusion of multisource reports for a comprehensive analysis |
| Data collection | OGC compliant and multi-formats | Anticipation: Combination of geospatial and temporal dimensions |
| Processing and analysis | Secured – authorisation check and profile management | Reactivity: Processing from global to local, from strategic to operational missions |
| Fusion and correlation – on geospatial and temporal dimensions | High performance – pyramidal tiling | Productivity: One unique tool from data collection to report production |
| Reporting module – enabling collaboration and data exchange | Co-developed with French MoD and based on Airbus operational know-how | Accessible: Easy-to-use and quick to learn |

### Key assets

- **Interoperable**
- **OGC compliant and multi-formats**
- **Secured – authorisation check and profile management**
- **High performance – pyramidal tiling**
- **Co-developed with French MoD and based on Airbus operational know-how**

### Key benefits

- **Efficiency:** Fusion of multisource reports for a comprehensive analysis
- **Anticipation:** Combination of geospatial and temporal dimensions
- **Reactivity:** Processing from global to local, from strategic to operational missions
- **Productivity:** One unique tool from data collection to report production
- **Accessible:** Easy-to-use and quick to learn