

# Elastic for defence

Find the mission insights you need. From all data. In real time. At scale.  
Mission readiness, cyber resilience, intelligence: it all depends on data.

Defence mission-critical operations demand fast, confident decisions. But data overload, siloed systems, and classification barriers create challenges. Military teams often struggle to get the right data to the right place, at the right classification level. Critical information from sensors, UAVs, logistics platforms, and intelligence sources arrives in different formats across disconnected or legacy systems, forcing teams to work with partial information, rely on manual processes, or wait on delayed intelligence. The result: slower response times, reduced effectiveness, and increased operational risk in already high-stakes environments.

To connect fragmented data, many defence organisations seek ways to break down silos without moving data from its original location, whether on base, at the tactical edge, in deployed field units, or within classified networks. A unified data layer approach, such as data mesh, ensures quick access to critical information when defence needs it most, even in low-bandwidth, bandwidth-constrained, or other DDIL environments. With secure, real-time access to intelligence, defence teams can react faster, coordinate better, and execute mission-critical operations with greater precision, even while operating in highly contested domains.

## Elastic: The Search AI Company

Elastic enables public sector organisations to transform massive amounts of data into actionable, mission-critical insights through a unified, scalable, and flexible Search AI Platform. It delivers the speed, scale, and relevance needed for any data-centric use case, from cyber defence operations and intelligence workflows to operational monitoring across domains.

### Customer experience

- Real-time situational awareness
- Intelligence analysis

### Operational resilience

- IT operations
- Compliance
- DevSecOps, CI/CD

### Security in depth

- Full visibility & real-time threat action
- Zero Trust

**Any data, any source**  
Text, images, files,  
geospatial, etc.



Ingest



Storage



AI / ML



Search



Visualization



Data Mesh

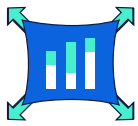
### The Search AI Platform

**Enhanced collaboration**  
**Tool consolidation**  
**Interoperability**  
**Better understanding**

*Across public cloud, hybrid cloud, and on-premises deployments*

# Why Elastic for defence?

Defence departments around the world are leveraging the speed, scale, and relevance of Elastic's Search AI Platform in order to achieve:



## **Interoperability, integration, and innovation**

Built on open standards and API-first design, Elastic enables seamless interoperability and integration with legacy and modern defence systems and workflows. It enables secure collaboration across allies without vendor lock-in or disruptions, supporting fast adoption of emerging technologies.



## **Unified, secure multi-domain visibility**

Unify diverse data across classified and unclassified domains, instantly accessing information from air, land, sea, space, and cyber — while enforcing strict access controls like RBAC & ABAC, segmentation, and data sovereignty.



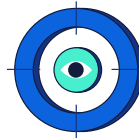
## **Convergence & operations in EW/CW**

Elastic enables you to converge cyber and electronic warfare, providing real-time access to critical data and unified command across domains. Warfighters can prioritise and secure communications within high-value systems, overcoming legacy limitations and boosting operational agility and control in contested environments.



## **Data sovereignty**

Elastic enables you to securely query data across multiple locations — including on-premises, cloud, or field-deployed platforms — without moving it, so you maintain full control and data sovereignty while supporting global operations.



## **Operational resilience and situational awareness**

Continuously monitor and protect highly targeted data repositories to safeguard national interests and ensure uninterrupted defence operations. Enrich operational data with geospatial context — from IP geolocation to battlefield movements — supporting geo-based search, situational awareness, and mission planning.



## **Secure data access wherever missions demand**

Eliminate silos and enable secure access to mission-critical insights across the battlefield, command centers, or allied forces — without sacrificing performance or security — ensuring your distributed teams have the information where and when they need it.



## **AI-driven operations and cyber defence**

Use AI, ML, and advanced SIEM capabilities — including MITRE ATT&CK-aligned detection rules — to automate threat and anomaly detection, cut through alert fatigue by reducing false positives, correlate alerts into unified attack narratives, and speed up incident response. Support mission-critical defence operations with clearer insights, automatic policy enforcement, and quicker action.



## **Compliance support & auditability**

Leverage audit logging and compliance reporting features that can align with defence-grade standards (NIST, NATO, ISO 27001), supporting governance and oversight requirements.

## Take the next steps

To learn more about how Elastic can help accelerate public sector missions with speed, scale, and relevance, visit [elastic.co/industries/public-sector](https://elastic.co/industries/public-sector).