

VIGILIS

Critical Infrastructure Protection. All the Pieces. One Picture.

VIGILIS consolidates data from multiple sensors into a common operational picture, streamlining threat identification and decision-making. VIGILIS is a high performance, highly scalable Command, Control and Intelligence (C2I) system delivering real-time situational awareness across land, maritime and coastal environments — enabling rapid and precise protection of critical assets

PROACTIVE THREAT DETECTION

The safety of personnel and the protection of critical assets are top priorities, which inspired the creation of VIGILIS. The system was designed to empower operators to respond efficiently to potential threats as soon as detected.

In fast-moving situations, security teams need unified control, with no time to switch between systems. VIGILIS addresses this by seamlessly consolidating all available sensor data into a single platform. Built as a fully sensor-agnostic system, VIGILIS offers flexibility to integrate trusted sensors.

At L3Harris, we understand that security requirements are constantly evolving. That's why VIGILIS was carefully engineered as a scalable solution that adapts and grows with customer needs.

VIGILIS is a mature software product that has been developed and refined for more than a decade in Perth, Western Australia. Supported by a dedicated team, the system is continually upgraded to stay at the forefront of the command-and-control domain.

VIGILIS provides situational awareness and alerts for:

Maritime

- > Vessel entry into restricted areas
- > Vessel collisions
- > Obstruction of sea lanes
- > Hostile or unknown vessels
- > Suspicious vessel movements

Land

- > Site incursions
- > Security equipment tampering
- > Hostile or suspicious vehicle activity



Key Features



INTEGRATED SENSOR INTELLIGENCE

- > Sensor agnostic/no vendor lock
- > Rapid integration of new interfaces
- > Automatic camera tracking
- > Fusion of sensors and video



PREEMPTIVE THREAT HANDLING & ANALYTICS

- > Automated rules-based alerting and reporting
- > AI/data analytics/pattern-of-life
- > Data forensics, evidence capture and replay
- > Comprehensive health monitoring system



UNMATCHED ADAPTABILITY

- > Customisable display and filters
- > Multiple video screen support
- > SOP-aligned workflows
- > Real-time system behaviour tuning



MISSION-READY ARCHITECTURE

- > Compliant with the latest cybersecurity standards
- > Flexible deployment options
- > COTS-based platform support
- > Highly scalable
- > Open architecture



BORDERS



COASTAL SURVEILLANCE



CRITICAL LAND INFRASTRUCTURE



PORTS



OFFSHORE ASSETS



Where to Consider VIGILIS?

There is no technical limit on the kinds of critical infrastructure vigilis can help protect.

- > Borders
- > Coastal Surveillance
- > Critical Land Infrastructure
- > Ports
- > Offshore Assets

VIGILIS: Command and Control Software

© 2025 L3Harris Technologies, Inc. | 09/2025 | L30248

NON-EXPORT CONTROLLED: THIS DOCUMENT CONSISTS OF INFORMATION THAT IS NOT DEFINED AS CONTROLLED TECHNICAL DATA UNDER ITAR PART 120.33 OR TECHNOLOGY UNDER EAR PART 772.

L3Harris Technologies is the Trusted Disruptor in the defense industry. With customers' mission-critical needs always in mind, our employees deliver end-to-end technology solutions connecting the space, air, land, sea and cyber domains in the interest of national security. Visit [L3Harris.com](https://www.l3harris.com) for more information.



4 Mews Rd, Fremantle WA 6160, Australia
+61 8 9431 0000 | info.msa@L3Harris.com

[L3Harris.com](https://www.l3harris.com)