

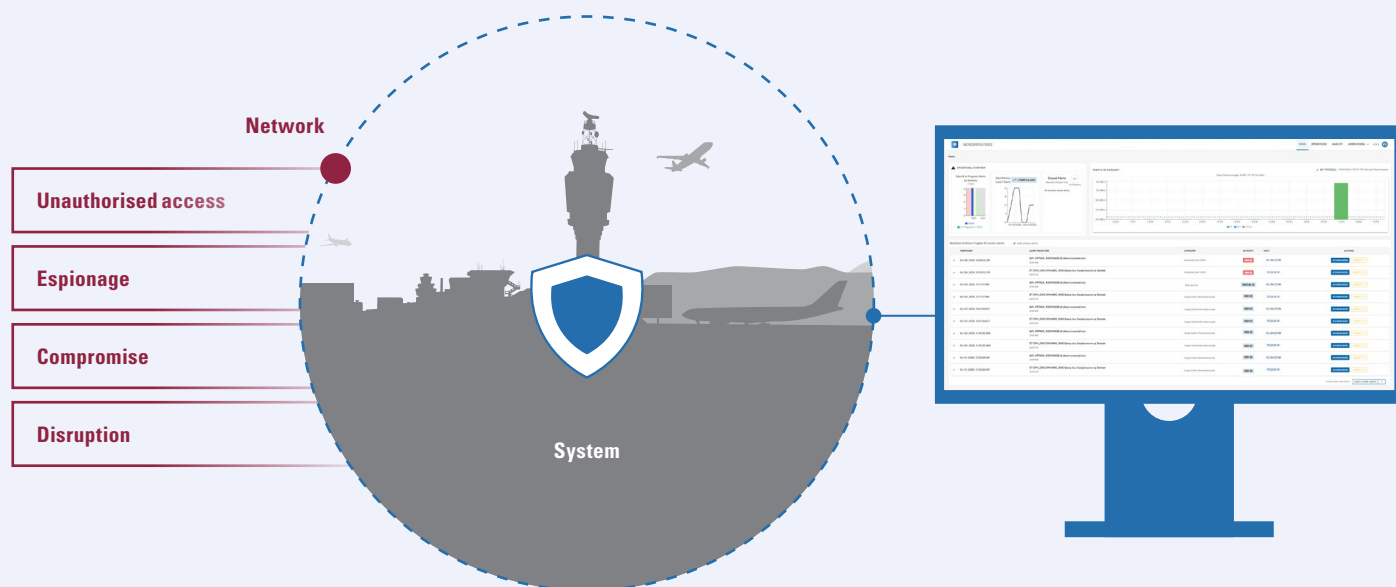


TERMA MERIDIAN DEFENCE

MISSION ASSURANCE AND BUSINESS CONTINUITY
THROUGH NETWORK VISIBILITY AND CONTROL



TERMA[®]
ALLIES IN INNOVATION



THE THREAT HAS MOVED INSIDE Your Firewall Cannot See What Is Already on the Network

Protecting an operational network used to mean hardening the perimeter and trusting whatever sat inside it. That no longer holds. Advanced attacks, insider activity and supply-chain compromises routinely pass the perimeter, while vulnerabilities may reside deep within complex networks, where perimeter control tools never look.

Regulators have drawn the same conclusion. The EU NIS2 Directive and the Cyber Resilience Act require operators of critical infrastructure to detect intrusions, monitor continuously and report incidents, while the NATO security accreditation of IT systems requires an intrusion detection capability to be in place.

Terma Meridian Defence is built for that task. It monitors traffic on the network layer, compares live traffic against known threat patterns and behavioural baselines, and alerts the operator if something deviates. Meridian Defence is your watchful eye that lets you know when to react – without interrupting network traffic flow.

ZERO IMPACT ON THE MISSION Deep Inspection Without Blocking or Delaying the Traffic

The primary concern for any electronics officer evaluating a security tool is whether it could interfere with the system it is designed to protect. In a radar or a naval combat system, even a delayed packet can cause operational issues, while a blocked packet could result in mission failure.

Meridian Defence is designed to address this concern. It provides deep packet inspection (DPI) of all network activity without affecting network speed or data throughput. By design, it never blocks traffic. Meridian Defence operates independently and cannot compromise the integrity of the systems it monitors. As a result, mission-critical systems are kept running at full capability, including during an incident.

24/7 monitoring.
No blocking, no delay.

Key Benefits



Detect earlier. Behavioural baselining and known threat patterns surface abnormal behaviour before it escalates into an incident.



Meet the requirement. Supporting compliance with NATO CIS security requirements, NWS5 and the EU NIS2 Directive, with automatic event logging for audit and reporting.



Trust the alarm. Native knowledge of operational system behaviour keeps false positives to a minimum.



Operate intuitively. Real-time dashboard, geo-mapping and guided workflows built for both specialist and non-specialist users.



Keep the mission running. Deep packet inspection without blocking, delaying or affecting throughput.



Investigate with evidence. Integrated forensics and one-click export packages for your SOC.

	Advanced network monitoring Network traffic analysis and rule management.
	Real-time security information Dashboards, real-time monitoring, API and agent-based integration to operational systems.
	Operational capability Designed to be an operational cybersecurity capability and not just a compliance check-mark.
	Alarms Promptly alert on security incidents via an uncomplicated user interface.
	Forensics Facilitates deep analysis and investigation of security incidents.

General metrics

Typical deployment size	10-100 nodes (scalable to 1,000+)
Alert severity levels	5 levels
Monitoring mode	100% passive
Monitor sources	Multiple and distributed
Deployment formats	Virtual or dedicated hardware
Cloud dependency	None
Host policy controls	Allowed protocols, traffic thresholds, MAC-bindings
Authentication	Local or LDAP
Access control	Fine-grained configurable RBAC
Detection engines	Suricata, Zeek
Detection latency	1-10 seconds

BUILT-IN SYSTEM KNOWLEDGE

Fewer Alarms, Because Terma Meridian Defence Knows What Normal Is

An intrusion detection system is only as good as its definition of normal. A generic monitoring tool is deployed at a radar site or on a combat management network without prior knowledge of the equipment it monitors. Until it learns what is normal, every unusual but legitimate event appears to be a threat. This leads to a flood of irrelevant alarms, which causes alarm fatigue and increases the risk of missing real threats.

Meridian Defence takes a different approach. We can establish a baseline on the network to be monitored. Because we design and build sensors and C2 systems at Terma ourselves, Meridian Defence has native knowledge of how sensor systems communicate and what their normal state is. This minimises false positives, so when an alarm is triggered, operators can respond with confidence.

FROM ALARM TO ACTION

Built for a Range of Operator Expertise

Meridian Defence is designed for intuitive use by operators with varying levels of expertise. It features a real-time dashboard with traffic-light status indicators and a geo-map of the site, enabling identification of the affected network node and the specific physical device involved.

Each alarm includes context, severity and an explanation of what triggered it. It also guides the operator through a built-in response workflow. If specialist review is needed, a single click generates an export package with essential context and raw data, ready for review by a security operations centre (SOC). No certification or extensive specialist training is required.

ACCREDITATION AND COMPLIANCE

Supporting Compliance with NATO Requirements and the EU NIS2 Directive

Intrusion detection is essential for defence customers to achieve security accreditation. Meridian Defence supports compliance with the NATO Communication and Information Systems (CIS) security requirements (AC/322-D/0048) and the intrusion detection and prevention services defined under NWS5, helping enable faster integration into high-security environments.

For civil operators of critical infrastructure, the same continuous monitoring supports the EU NIS2 Directive and the system-level monitoring requirements of IEC 62443-3-3. In both cases, Meridian Defence stores event logs and contextual details automatically, so the data needed for reporting or auditing is at hand when the authority asks for it.

ONE VENDOR, ONE OPERATIONAL PICTURE

Part of the Terma System You Already Run

While Meridian Defence is compatible with any network, it integrates most seamlessly with Terma’s portfolio, including naval C2, radar installations, air and missile defence, critical infrastructure protection, counter-UAS, and radio dispatch systems.

The more Terma systems you operate, the more you increase the value of detection knowledge, and where Terma serves as the prime contractor, you get a single point of contact for sensors, the command system, and the cyber layer overseeing them. Meridian Defence capabilities are built on more than 35 years of experience in designing and building defence systems, supported by operational expertise gained from over 3,000 system deployments.



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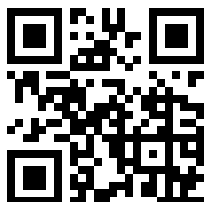
Operating in the aerospace, defence, and security sector, Terma supports customers and partners all over the world. Our dedicated and talented global workforce develops and manufactures mission-critical products and solutions that meet rigorous customer requirements.

At Terma, we believe in the premise that creating customer value is not just about strong engineering and manufacturing skills. It is also about being able to apply these skills in the context of our customers' specific needs. Only through close collaboration and dialogue can we deliver a level of partnership and integration unmatched in the industry.

Our business activities, products, and systems include command and control systems; radar systems; self-protection systems for ships and aircraft; space technology; and advanced aerostructures for the aircraft industry.

Terma has decades of hands-on know-how in supporting and maintaining mission-critical systems in some of the world's most hostile areas. Terma Support & Services offers through-life support of all our products to maximise operational availability, enhance platform lifetime, and ensure the best possible cost of ownership.

Headquartered in Aarhus, Denmark, Terma has subsidiaries and operations across Europe, in the Middle East, in Asia Pacific as well as a wholly owned U.S. subsidiary, Terma Inc., with offices in Washington D.C., Georgia and Texas.



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