Everllence

# **Stay compliant, protected, and** connected
with the DLC+

For vessels and power plants, the Everllence DLC+ combines future-proof cybersecurity with controlled access to our digital services.

A new standard for secure, connected operations

The new Everllence Data Logging Cabinet (DLC+) is the most effective way for your vessel or power plant to comply with cybersecurity regulations, stay protected against digital threats, and get full access to the extensive benefits of our digital services.
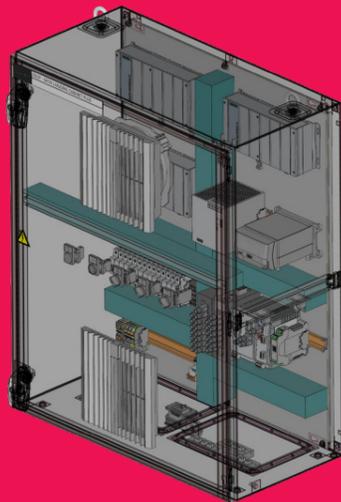
The marine and power sectors are facing two converging forces. On one hand businesses must accelerate digitalization efforts to remain competitive, while on the other they must protect themselves against ever more sophisticated cyber threats.

In the maritime sector, compliance with IACS Unified Requirement E26 and E27 is now mandatory for newbuilds and recommended for older vessels, ensuring that fleets are equipped with secure and resilient control systems on board.

For power plant operators, the IEC 62443 series of standards have become the global benchmark for safeguarding industrial automation, reinforced by frameworks such as the Cyber Resilience Act in the European Union and NERC CIP in North America.

At the same time, these businesses must adopt digital optimization tools that unlock new levels of efficiency, reliability, and availability to stay ahead in an increasingly data-driven marketplace.

Introducing the new Everllence DLC+
The Everllence DLC+ is a quick-to-install, all-in-one solution for ship and plant operators that combines robust cyber defense hardware, resilient software security layers, and a controlled gateway for remote connectivity in a compact, lockable cabinet.

The DLC+ ensures compliance with IACS UR E27 and support for UR E26 to meet class regulations for vessels, while aligning with IEC 62443 for power plants. It also enables remote monitoring and digital upgrades without compromising security.

The DLC+ is both a cybersecurity shield and a digital enabler.

On the one hand, it provides multi-layered protection that ensures networks are safeguarded against unauthorized access and aligned with evolving regulatory standards.

On the other hand, it allows vessels and plants full access to Everllence's digital service ecosystem, including solutions like Everllence PrimeServ Assist for real-time monitoring and expert advisory based on cutting edge analytics, and Everllence Asset+ for secure over-the-air updates, parameter adjustments, and performance optimization.

Future-proof
your cybersecurity

Get protection from cyber risks

Hardware security
The DLC+ includes manual switches that give operators total control over connectivity, allowing remote access or service access to be activated only when desired. An additional external 24 VDC power supply switch and connector allows to configure and update SaCoSone modules independently. Integrated firewalls and port protection block virtual threats, while a lockable cabinet door prevents unauthorized access.

Software security
Data is encrypted in transit, ensuring confidentiality at all times. Only trusted applications are allowed to run, while a secure data gateway manages all communications. In addition, intelligent network segmentation keeps critical systems isolated, effectively preventing the spread of potential attacks.

Resilience and rapid recovery
Even if a breach occurs despite all safeguards, the DLC+ can quickly restore the system to its last known safe state, minimizing downtime and preventing cascading failures. This ensures operational continuity and gives you confidence and peace of mind.

Cybercrime is no longer an abstract risk. In 2024, the average cost of a data breach rose to nearly $5 million per incident, and ransomware attacks on operational technology environments surged by more than 46% from 2024 to 2025*.

For industries such as shipping and energy, where uptime, safety, and environmental performance are critical, these threats carry consequences far beyond financial losses. A single breach can undermine safety, disrupt global operations, and damage reputations built over decades. Many of those breaches happen locally, for example via unprotected ports. The DLC+ aims to prohibit such cases.

* IBM Report: Escalating Data Breach Disruption Pushes
   Costs to New Highs (July 2024) / New Honeywell 2025
   Cyber ThreatReport (June 2025)

Get unparalleled protection with the DLC+
The DLC+ is your best protection against cyber attacks. Unlike many legacy systems that were built with little thought for today's threats, the DLC+ is designed to help prepare your operations for a digital environment.

It is developed following a certified Secure Development Lifecycle (SDL) based on IEC 62443-4-1, ensuring security is embedded from the ground up. With a layered and scalable security approach that combines physical, digital, and procedural measures, the DLC+ offers reliable protection to support compliance and operational integrity.
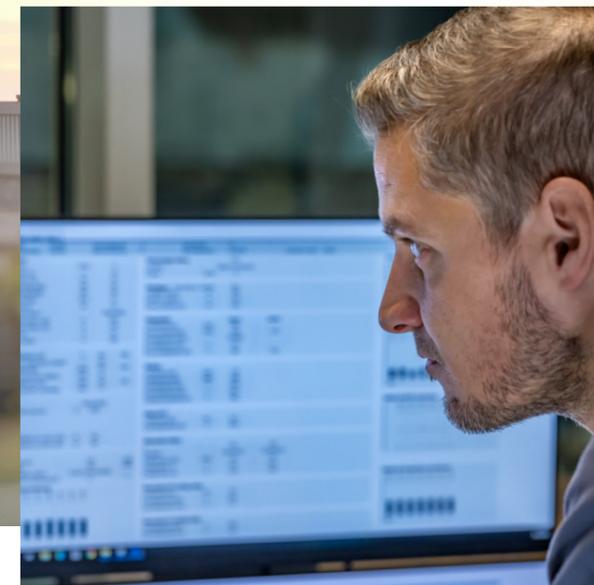
Compliance is a cornerstone of the DLC+'s value. For shipowners, it provides a practical and reliable route for meeting the requirements of IACS UR E26 and UR E27, ensuring classification society approval and future-proofing newbuilds and retrofits.

For power plant operators, the DLC+ prepares for IEC 62443 Security Level 2 in the future, offering assurance that critical assets are protected in line with international best practices.

The result is confidence. With the DLC+, operators can be sure that their vessels and plants are defended against cyber risks, that they remain compliant with evolving regulations, and that they can demonstrate robust governance to customers, insurers, and regulators alike.

Get secure access
to Everllence's digital services

Beyond protection, the DLC+ creates a trusted channel for data flows and remote intervention.

The DLC+ enables on- and offline data logging and functions as a secure gateway for digital services and over-the-air capabilities.

Both the customer and authorized Everllence service personnel can securely monitor, log, and configure engine/SCR operating data. Access to the guest operating system is only possible via a secure remote connection and requires prior user authentication.

In addition, via physical switches that manually activates or deactivates relevant capabillities, the customer retains full control.

These features enable power plants and vessels to connect with two digital service solutions from Everllence:

Everllence PrimeServ Assist
Everllence PrimeServ Assist is a cloud-based service that connects your equipment to

Everllence experts via the Everllence CEON platform. With 24/7 monitoring, advanced analytics, and personalized dashboards, operational data is transformed into actionable insights. Anomalies trigger immediate root-cause analysis, followed by professional advice.

For customers with limited internet connectivity, the DLC+ also enables the PrimeServ Assist Stealth functionality. This provides offline local data analysis via the app, combined with on-demand support from OEM specialists.

Everllence Asset+
Everllence Asset+ offers comprehensive tools for retrofits and newbuilds, enabling performance optimization, regulatory compliance, and secure over-the-air services across the engine's lifecycle without manual intervention.
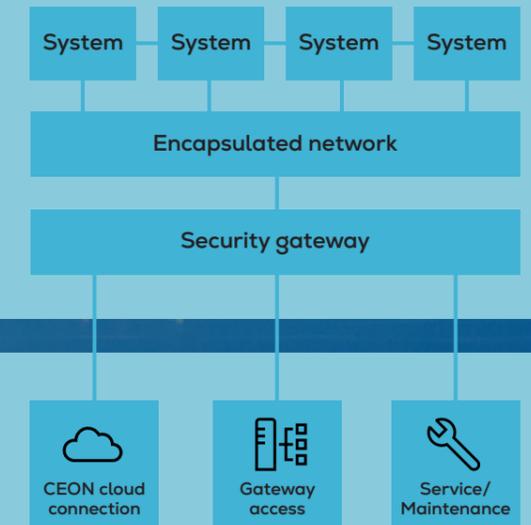
Features include: remote software updates; instant upgrades via tailored software modules; and on-demand remote adjustments for real-time monitoring and performance tuning.

A secure, connected architecture

Encapsulated systems for different software functions (e.g. toolbox, monitoring, connection, App-Server)

System	System	System	System

Encapsulated network

Security gateway

CEON cloud connection   Gateway access   Service/ Maintenance

Multi-data source capabilities

Beyond cybersecurity, the DLC+ enables seamless connectivity and data integration. It links multiple data sources like engine control systems (SaCoSone & SaCoS 5000), Selective Catalytic Reduction (SCR) systems, Adaptive Combustion Control (ACC) or others to establish a secure and reliable channel for data exchange, supporting advanced monitoring, analytics, and performance optimization through our digital services.

The DLC+ transforms the concept of data logging into a platform for continuous optimization, bridging the gap between traditional operations and a connected future. For both maritime and power sectors, the benefits are tangible:

- **Increase cybersecurity and compliance** with class regulations based on the security by design principle

- **Optimize operations** by adjusting parameters securely from shore, fine-tuning system performance anytime and anywhere without Everllence personnel onboard

- **Stay updated** with secure over-the-air software updates and compliance patching, reducing downtime and minimizing human error

- **Maintain control** through physical switches that activate or deactivate connectivity, ensuring remote access only occurs when you allow it

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