

Onboard Edge / by Danelec

Optimize your onboard technical setup

Onboard Edge secures maritime application uptime for secure uninterrupted operations.



Ensure Uninterrupted Operations and Application Uptime

Choose GTT Marine's Onboard Edge to provide your vessel with a robust technical infrastructure, ensuring secure, uninterrupted operations and application uptime.

In an era where vessels utilize numerous onboard applications to maintain efficient and safe operations, Onboard Edge provides a solid technical setup to secure application uptime. As the demand for live data increases, our solution ensures that all your critical applications remain operational, even under the most challenging conditions. With features such as unparalleled server capacity, advanced cybersecurity measures, and uninterrupted power supply, Onboard Edge guarantees that your onboard operations are always running smoothly and securely.

Key Capabilities

- **Onboard Appliance:** Robust and scalable hardware that supports a wide range of onboard applications, ensuring efficient and safe operations. The appliance can be scaled according to customer needs, offering a platform rather than a fixed-size solution.
- **Management Cloud:** Centralized cloud-based management for easy monitoring and control of onboard applications.
- **Secure Firewall:** Advanced cybersecurity features to protect against unauthorized access and cyber threats.
- **Uninterrupted Power Supply (UPS):** Ensures continuous operation of critical systems, even in the event of a power failure, providing reliable and uninterrupted application uptime.
- **Simple Installation:** Single-box installation can be done by the crew in minutes, making it easy to deploy and manage.
- **Hands-Off Management:** Fully remote-managed by Danelec, enabling remote monitoring, configuration, and troubleshooting. This setup ensures no onboard interventions are required, providing full supervision of the fleet and ease of operations for the customer.
- **Full Kubernetes Private Cloud:** Provides a robust and scalable platform for managing applications.
- **Continuous Deployment:** Enables rapid and unattended roll-out of software updates across the fleet, facilitating co-development and fast feedback on new features.



Unique Value

- **Future-Proof IoT Infrastructure:** Prepare your vessel for complex emissions and operational requirements with state-of-the-art IoT infrastructure.
- **On-Prem / Private Cloud Environment:** Cut reliance on satellite communication providers with an on-prem / private cloud environment that operates independently of satellite connections.
- **Unmatched Reliability and Uptime:** Achieve continuous operations with a triple-server solution ensuring redundancy and reliability.
- **Continuous Updates:** Secure cloud infrastructure allows for seamless deployment of updates to onboard applications.
- **End-to-End Solution:** Provides operational management, supervision, and onboard hardware solutions.

Website: gttmarine.fr

Email: sales@gttmarine.fr