VIAVI Solutions

Empowering Cruise and Shipping Companies with Unparalleled Mobile Network Monitoring with XEdge

In today's connected world, reliable mobile network performance is crucial for cruise and shipping companies to ensure smooth operations, enhance passenger experiences, and maintain constant communication. XEdge offers a cutting-edge monitoring solution tailored to meet the unique challenges faced by the maritime industry, empowering companies to optimize their mobile network performance across their entire fleet.

A Comprehensive Mobile Network Monitoring Solution

XEdge is a state-of-the-art monitoring system designed to provide cruise and shipping companies with unparalleled visibility into their mobile network performance. By leveraging advanced technologies and a user-friendly web-based interface, XEdge enables companies to monitor, analyze, and optimize their mobile networks, ensuring reliable connectivity for passengers and crew alike.

XEdge provides several core features, including:

- **Fleet-Wide Monitoring:** Monitor mobile network performance across hundreds of ships simultaneously, ensuring consistent connectivity throughout your fleet

- **Multi-Operator Support:** Track the performance of multiple mobile operators on each ship, identifying issues specific to individual operators and ensuring optimal coverage

- **eSIM Compatibility:** XEdge supports eSIM technology, enabling cruise and shipping companies to easily test and deploy new mobile operators on ships, ensuring optimal network performance and coverage

- **Real-Time Alerts:** Receive instant notifications of network anomalies or outages, enabling rapid response and minimizing downtime

- **Walk Test Functionality:** Conduct thorough walk tests on ships to analyze mobile network coverage in every area of the vessel, from passenger cabins to crew quarters and public spaces

- **Advanced Web-Based Interface:** Manage, collect, and store network performance statistics, run specific scripts and scenarios, trigger alarms, and utilize dynamic baselines for radio, quality, and throughput KPIs

With XEdge, maritime operations are enhanced, leading to several benefits:

- **Passenger Satisfaction:** Ensure passengers enjoy seamless mobile connectivity throughout their cruise, enhancing their overall experience and satisfaction
- **Crew Efficiency:** Maintain reliable mobile networks for crew members, facilitating efficient communication and coordination across the ship
- **IoT Integration:** Support the growing number of connected devices on ships, such as sensors, tracking systems, and automation technologies, by monitoring the performance of the mobile networks they rely on
- **Operational Optimization:** Utilize mobile network performance data to optimize ship operations, reduce downtime, and improve overall efficiency
- **GPS:** Each XEdge device is equipped with a GPS antenna, allowing for remote and independent detection and monitoring regardless of network status.

Unattended and Expert-Free Monitoring

XEdge is designed to simplify mobile network monitoring for cruise and shipping companies. As an unattended system, XEdge requires minimal daily management and no specialized network expertise, making it an ideal solution for companies with limited IT resources. With XEdge, your team can focus on core operations while benefiting from mobile network performance.

Proven Results and Customer Satisfaction

Leading cruise and shipping companies have already transformed their mobile network monitoring processes with XEdge, achieving improved connectivity, enhanced passenger experiences, and streamlined operations. .

Robust and Reliable Design

XEdge is engineered to withstand the harsh conditions of maritime environments, ensuring reliable performance and longevity. Our system is designed to seamlessly integrate with existing network infrastructures and support the latest mobile network technologies.

Comprehensive Support and Implementation

Our expert team is committed to providing end-to-end support, from initial setup to ongoing maintenance, ensuring your mobile network monitoring remains at peak performance. We work closely with your team to understand your specific requirements and tailor our solution to meet your needs.

Take Control of Your Mobile Network Performance with XEdge

Don't let unreliable mobile network performance hinder your maritime operations. Elevate your monitoring capabilities and streamline your processes with XEdge. Contact us to learn more or to schedule a personalized demonstration, experience the power of XEdge, and unlock the full potential of your mobile networks.