Enhancing Fleet Operations with

RuggON VIKING II

A Streamlined Solution for Bus Transportation

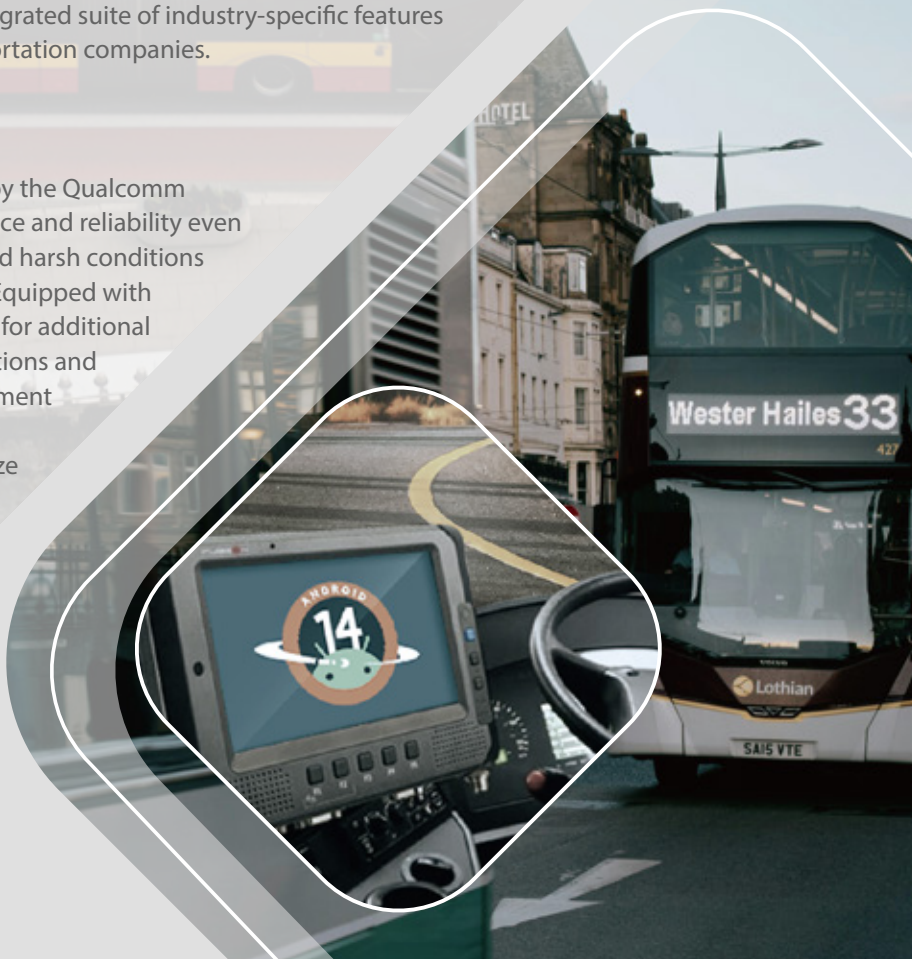
- **Region: Europe**
  Industry: Fleet Management / Transportation
  Solution: VIKING II

- **Background**
  The client is a major bus transportation company that operates a large fleet, providing both public and private transportation services. With a focus on improving operational efficiency, ensuring safety, and optimizing driver workflows, the company sought to modernize its existing systems and integrate an all-in-one solution to streamline daily operations.

- **Challenge**
  The company faced several operational challenges related to managing their fleet of vehicles, ensuring driver efficiency, and maintaining multiple devices for different functions. These included difficulties with ticketing, clocking in/out, tire monitoring, and controlling other vehicle functions, all of which required separate devices and led to increased maintenance efforts, costs, and inefficiencies in the driver's workspace. The company needed a single, integrated solution that could optimize operations, improve vehicle performance, and enhance the driver's overall experience.

- **RuggON Solution**
  The RuggON VIKING II was selected as the ideal solution for the client's needs. It combines ruggedness, cutting-edge technology, and an integrated suite of industry-specific features to address the unique challenges faced by transportation companies.

- **Product Highlights**
  The VIKING II runs on Android 14 and is powered by the Qualcomm Snapdragon C6490 CPU, ensuring high performance and reliability even in demanding environments. It is built to withstand harsh conditions with an IP65 rating for dust and water resistance. Equipped with NFC technology, the VIKING II eliminates the need for additional ticketing or clocking-in devices, simplifying operations and reducing costs. It also functions as a fleet management hub, offering real-time tracking, as well as a Tire Pressure Monitoring System (TPMS) to optimize tire performance. The device controls door sensors, enhancing vehicle security, and can serve as a secondary display screen when needed. Its intuitive interface, coupled with programmable buttons, makes it user-friendly and easy for drivers to operate with minimal training.



Result

The VIKING II resolves several operational challenges by consolidating multiple functions into a single, rugged device. By reducing the need for multiple devices, it simplifies maintenance and lowers operational costs. The integration of ticketing, time management, fleet monitoring, and tire monitoring into one device streamlines the workflow and boosts efficiency. The user-friendly interface allows drivers to focus on their tasks without distraction, and the ability to manage the fleet in real-time enhances decision-making and operational control. Furthermore, by combining the functions of several devices into one, the VIKING II reduces the cognitive load on drivers, improving overall productivity.

Why the Customer Selected RuggON

The customer chose RuggON because of its reputation for producing reliable, durable devices that can endure the harsh conditions of transportation environments. RuggON's focus on providing integrated, easy-to-use solutions was another deciding factor, as it offered a straightforward, cost-effective answer to the company's operational needs. The VIKING II's ability to combine multiple functionalities into one device provided the customer with a streamlined solution that reduced the complexity of their operations.

Result After Implementing RuggON Solution

After implementing the VIKING II, the customer experienced a significant improvement in workspace organization, as the reduction in devices allowed for a more efficient and less cluttered environment. The intuitive interface and integration of various functions led to enhanced driver efficiency and minimized training time. The company also saw a notable reduction in operational costs due to less frequent maintenance and fewer devices to manage. With the fleet management capabilities and TPMS functionality, the company was able to optimize vehicle performance, improving the reliability and safety of the fleet. Additionally, the enhanced security features contributed to safer operations, which boosted overall productivity and satisfaction.

Conclusion

The RuggON VIKING II proved to be the ultimate solution for the transportation company, addressing multiple operational challenges with its all-in-one design. By integrating essential functions into a single rugged device, it streamlined operations, reduced costs, and improved both driver efficiency and vehicle performance. The successful implementation of the VIKING II showcases the power of an integrated approach in optimizing fleet operations and enhancing productivity in the transportation industry.