

CONNECTIVITY FOR AIRPORT TROLLEY HIRE KIOSKS AND LUGGAGE STORAGE CENTRES IN AUSTRALIA

HIGHLIGHTS

- ✔ [Smarte Carte Australia](#) is a premier provider of trolley hire and luggage storage services at major Australian airports.
- ✔ Teltonika RUT951 routers ensure reliable, secure, and uninterrupted internet connectivity for Smarte Carte's kiosks.
- ✔ Automatic dual-SIM failover and robust industrial build support continuous operation in high-traffic airport environments.
- ✔ Teltonika RMS platform facilitates secure VPN connections, proactive remote monitoring, and efficient issue resolution.

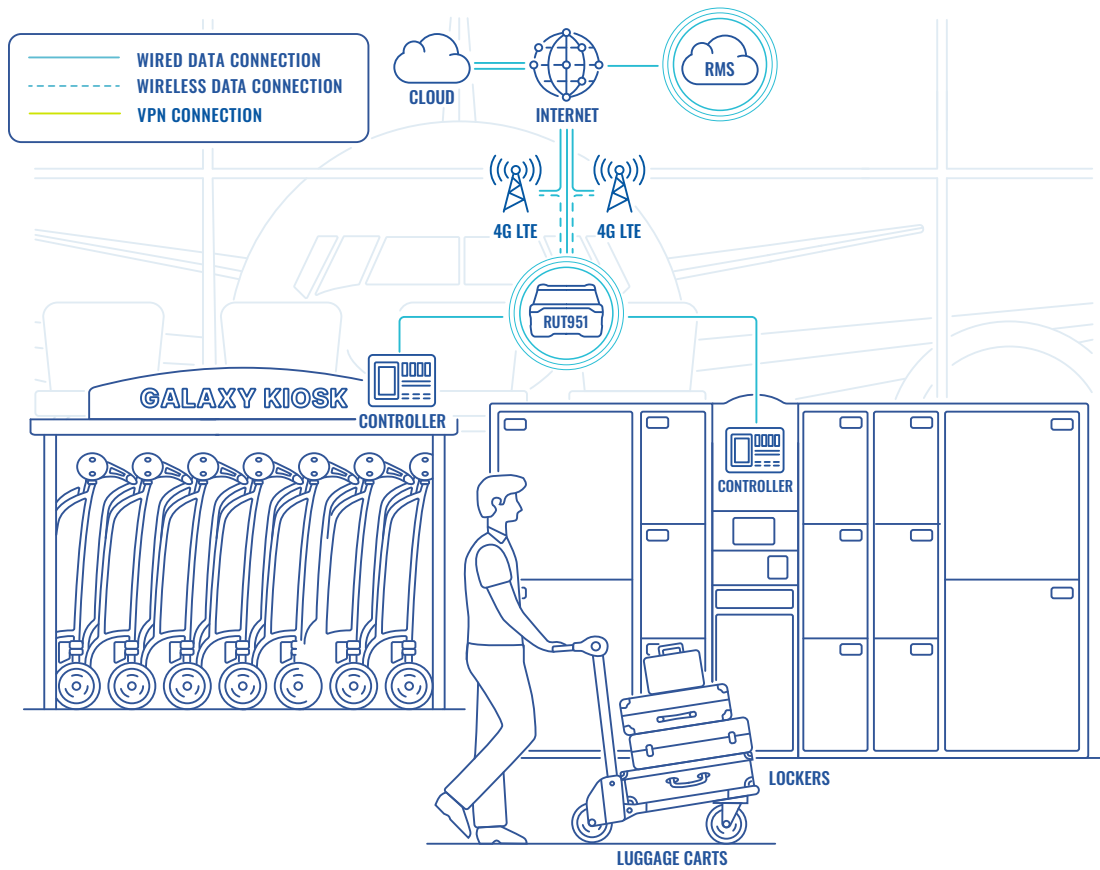
THE CHALLENGE: RELIABLE CONNECTIVITY FOR HIGH-TRANSACTION KIOSKS

[Smarte Carte](#) Australia operates an extensive network of airport [trolley hire kiosks](#) and [luggage storage centres](#) strategically located throughout Australia's busiest airports. These self-service kiosks, including Locker Pay Stations and Galaxy Kiosks, handle a substantial daily volume of secure credit card transactions. Consequently, uninterrupted and reliable network connectivity is essential for operational success, customer satisfaction, and overall business efficiency.

Operating in demanding airport environments, these kiosks must withstand continuous exposure to fluctuating temperatures, physical wear and tear, plus high-volume usage. Unlike consumer-grade routers, industrial-grade routers are specifically designed to provide stable and connectivity under these conditions. Consumer routers often lack the durability, reliability, and advanced redundancy capabilities needed for high-transaction scenarios. In retail and kiosk environments specifically, industrial routers offer critical advantages, including enhanced security, better up-time, simplified management, and long-term operational resilience.

Additionally, [Smarte Carte](#) required an advanced solution featuring automatic dual-SIM failover capability to ensure seamless connectivity if the primary cellular network experiences disruptions. Plus, given the international nature of their operations, compatibility with global SIM providers was also crucial, enabling straightforward connectivity transitions across multiple geographic regions.

TOPOLOGY



THE SOLUTION: REMOTE MANAGED CELLULAR ROUTER FOR A RELIABLE, SECURE CONNECTION

Cellular routers are ideal for solutions like kiosk and retail applications because they provide flexible and highly reliable internet connectivity without relying on fixed-line infrastructure. They enable rapid deployment and are especially effective in locations where traditional wired connections are unavailable, costly, or unreliable. The built-in redundancy through dual-SIM failover ensures continuous connectivity, crucial for high-transaction environments.

Teltonika's RUT951 routers were deployed to address Smarte Carte's specific connectivity requirements across their kiosk network. The RUT951 router is engineered explicitly for environments requiring reliable, secure, and uninterrupted internet connectivity, making it particularly suitable for high-transaction airport applications.

The automatic dual-SIM failover capability is a key feature of the [RUT951](#), allowing it to switch instantly to a secondary SIM if the primary network encounters any disruptions. This ensures uninterrupted service, significantly reducing downtime and ensuring consistent transaction processing, essential for customer-facing operations.

Built with a robust design, the RUT951 router is capable of withstanding high traffic environments, handling temperature variations, physical impacts, and constant user interactions without issue. This level of durability dramatically reduces maintenance requirements and overall operational costs, providing exceptional reliability and stability across their expansive network.

Moreover, international SIM compatibility simplifies Smarte Carte's global connectivity management, allowing seamless transitions between network providers across different countries. This flexibility ensures optimal availability without requiring complex configurations or interventions.

The integration of Teltonika's Remote Management System (RMS) further enhances the solution, providing secure, easy to deploy VPN tunnels, proactive remote monitoring, and efficient troubleshooting.

RMS secures the transmission of transaction data, protecting customer information and ensuring compliance with strict data security standards. Furthermore, RMS empowers Smarte Carte's IT team to remotely access router performance in real-time, quickly identifying and resolving issues without the need for onsite visits.

The implementation of Teltonika's comprehensive solution has led to substantial improvements in Smarte Carte's operations. Network reliability and uptime have significantly increased, delivering seamless transaction experiences. Operational efficiency has also notably improved, reducing maintenance demands and enhancing response times through effective remote monitoring.

As a result, Smarte Carte benefits from an optimised connectivity infrastructure, reliably supporting kiosk operations across Australia's busiest airports and providing a secure, efficient, and seamless experience for millions of travellers annually.

Teltonika's [Remote Management System \(RMS\)](#) changes the game for managing large-scale router deployments, such as Smarte Carte's Australian airport kiosk network. With RMS, anyone can easily establish secure [VPN tunnels](#) in minutes - using our straightforward, intuitive interface.

Our easy to use secure, remote access enables efficient monitoring, rapid troubleshooting, and consistent configuration across all deployed routers, dramatically lowering maintenance requirements and operational downtime. By simplifying VPN management and enhancing network visibility, RMS ensures smoother operations and significantly boosts overall operational efficiency.

Meanwhile, Teltonika routers offer exceptional value, combining ease of use, robust security, high reliability, and cost-effectiveness. Their intuitive design simplifies deployment and management, while out-of-the-box advanced security features protect critical data.

Teltonika's solutions deliver outstanding performance and value, making them a highly attractive choice for businesses seeking reliable connectivity solutions at a competitive cost.

Learn how to access and secure your network with RMS: <https://www.youtube.com/watch?v=YbtB8GbJSLg>.

