

THE COMPANY

INTELLECTRA is at the forefront of wireless cybersecurity, safeguarding the critical “last mile” of wireless connectivity in an increasingly connected world. As IoT ecosystems and software-defined systems proliferate, wireless-enabled devices are becoming prime targets for sophisticated cyberattacks. Intellectra ensures the safety, reliability, and privacy of industries navigating this hyper-connected future.

MARKET

Intellectra operates in the IoT Security Market, focusing on the connected transportation sector. We are also foreseen to expand into Intelligent Transport Systems, critical infrastructure, maritime, and industrial IoT, sectors where robust wireless security is increasingly essential.

KEY MANAGEMENT TEAM

CEO: Michalis Kyriacou (Seasoned Wireless Security Engineer)

Software Lead: George Christodoulou (Experienced Software Architect)

VALUE PROPOSITION

The shift toward autonomous mobility through **V2X communications (Vehicle-to-Everything)**, and **ADAS (Advanced Driver-Assistance Systems)** technologies promises transformative innovation but exposes critical systems to advanced wireless security threats.

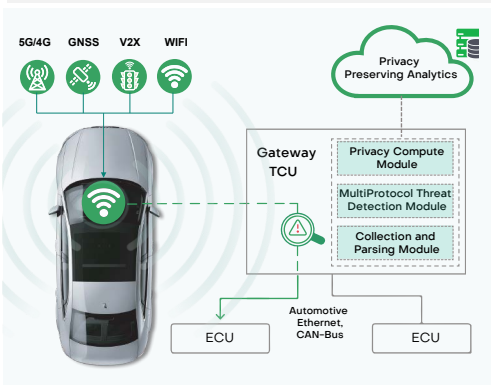
Intellectra facilitates a safe transition to this future, securing the most vulnerable “last mile” of wireless connectivity. Our solutions ensure the safety of **Connected and Autonomous Vehicles (CAVs)**, **Software-Defined Vehicles (SDVs)**, and intelligent transport systems, while preserving user privacy and empowering industries to innovate with confidence.

THE LEAD PRODUCT

FinalMile, Intellectra's flagship solution, is a cutting-edge wireless cybersecurity solution, designed to protect critical cellular endpoints (5G to 2G), V2X, and GNSS technologies essential to modern IoT ecosystems. Built to **seamlessly embed** within wireless gateways and connected systems, **FinalMile** delivers robust defence against advanced wireless threats. It mitigates service disruptions caused by jamming and Denial-of-Service (DoS) attacks, safeguards data from Relay and Man-in-the-Middle exploits, and prevents device compromise through spoofing or malicious “over-the-air” code injections.



Key Tech & Features



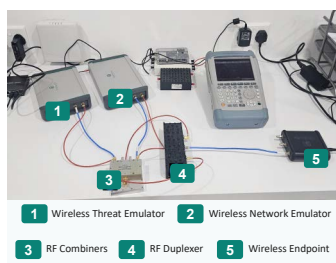
FinalMile leverages embedded algorithms to provide unparalleled protection.

Key features include:

- **Real-Time Wireless Threat Detection:** Safeguards cellular endpoints, V2X, and GNSS systems from attacks like jamming, spoofing, and code injection.
- **Privacy-Preserving Analytics:** Processes encrypted data to maintain compliance and user confidentiality.
- **Proactive Defence:** Neutralizes threats before they disrupt operations and cause harm.
- **Modular & Scalable:** Integrates seamlessly into IoT ecosystems, fleets, and wireless gateways.

Market Expansion & Future Directions

- **Entry into additional IoT-enabled markets (Drone and Maritime Communications)**
- **Expansion of supported wireless protocols for broader applicability (Wi-Fi & BLE)**



Business Model & Go to Market

- **Phase 1:** Target connected transport infrastructure with aftermarket solutions, offering project-based pricing and annual service/license fees.
- **Phase 2:** Expand to OEMs and Tier 1 suppliers through per-device licensing and NRE fees, leveraging proprietary technology for scalable growth.

TRACTION

- Part of Renowned Industry Programs, EIT Future Mobility Accelerator and EthAum Revenue Scaler in Singapore
- Discussions and Partnerships with Industry leaders around the world
Collaborations with Infineon and Elektrobit

