

Customer Case Study



Securing Israel's Streets: How Powerfleet Transformed Israel Police's Fleet Operations

About Powerfleet

Powerfleet (Nasdaq: AIOT; JSE: PWR; TASE: PWFL) is a global leader in the artificial intelligence of things (AIoT) software-as-a-service (SaaS) mobile asset industry. With more than 30 years' experience, Powerfleet unifies business operations through the ingestion, harmonisation, and integration of data, irrespective of source, and delivers actionable insights to help companies save lives, time, and money. Powerfleet's ethos transcends our data ecosystem and commitment to innovation; our people-centric approach empowers our customers to realise impactful and sustained business improvement. The company is headquartered in New Jersey, United States, with offices around the globe.

Customer

Israel Police

Total Fleet Size

7,500+ vehicles

Vehicle Types

61 different types, including two-wheelers

Implementation

Nationwide rollout completed in four months



When the Israel Police needed to modernize their entire fleet of more than 7,500 vehicles in 2020, they faced a unique challenge. This wasn't just about tracking vehicles – it was about creating a secure, comprehensive system that could handle classified operations while managing one of the largest government fleets in the region.



The Challenge

The Israel Police required a solution that exceeded standard fleet management. Their national tender outlined extensive technical requirements, including operational security protocols, real-time data accessibility, and the ability to support over 35,000 authorized personnel, such as police officers and civilian volunteers.

The previous system had limitations that needed to be addressed, and the police sought a vendor who could not only deliver what was specified in the tender but also provide additional capabilities that would emerge during implementation.



The Solution

Powerfleet was awarded the contract after demonstrating its ability to meet the complex security and operational requirements. The solution included several critical components:

Advanced Security Architecture: The system features encrypted data transmission, ensuring all location, trip history, and vehicle status information remains secure. Access was strictly controlled, with even Powerfleet employees unable to view location data beyond initial installation.

Dynamic Location Masking: A specialized feature that supports classified security operations by preventing vehicle tracking during sensitive scenarios.

Autonomous Driver Authorization: Personal-code-based access system allowing over 35,000 authorized personnel to start vehicles, with complete internal control for the police to manage access independently.

Emergency Override Capabilities: Regional commanders were equipped with secure Bluetooth-based override features to ensure vehicle access during urgent situations when technical issues occurred.

The system operates using advanced 4G/LTE technology and leverages Powerfleet's extensive fleet management expertise through web-based interfaces accessible to multiple authorized users.



Implementation Excellence

What set this project apart was the execution. Powerfleet committed to a six-month nationwide rollout, but delivered the complete installation in just four months, covering all police stations and operational sites across Israel.

Throughout implementation, Powerfleet worked collaboratively with the Israel Police to introduce enhancements that weren't formally requested in the tender but proved impactful. These included improvements to data accuracy, interface usability, and system maintainability using existing infrastructure.

Powerfleet worked closely with a dedicated project manager from the Israel Police to oversee implementation coordination, ensuring strict adherence to performance benchmarks, including GPS deviation tolerances, transmission frequency, route replay capabilities, mileage reporting, and real-time data integration.



The Impact

The solution has transformed the way the Israel Police manages its fleet operations. They have become one of the largest organizations in Israel to manage vehicles from both systemic and tactical perspectives, with the ability to deploy selected forces to specific incidents in real-time using critical data for improved command and control.

Powerfleet's integrated solution now enables the Israel Police to function as an effective investigative tool, capable of reconstructing response situations to facilitate future improvements. This ability is especially valuable in maintaining meticulous records of operations and responses.

This partnership represents the third major rescue force in Israel to choose Powerfleet for comprehensive command-and-control solutions, following Magen David Adom and the Fire and Rescue Services. The achievement demonstrates the reliability and effectiveness of Powerfleet's technology in critical public safety applications.

Furthermore, the collaboration demonstrates how advanced fleet management technology can meet the specific needs of government entities while upholding the highest security standards. For the Israel Police, the solution offers the technological foundation necessary to coordinate complex operations across their nationwide network, ensuring that operational security remains a top priority.