CASE STUDY

Empowering Road Safety with Sapiens eMerge

The Company

Sapiens' client is a government agency responsible for the planning, development, and regulation of infrastructure and integrated transport systems, with a strong focus on safety and mobility. The agency partners with leading technology service providers to promote transportation solutions that contribute to social and economic growth.

The Challenge

A rise in electric bicycle (e-bike) and scooter usage across the country led to new legislative requirements. The agency turned to Sapiens for their tech expertise to address the following challenges:

New Legislation

According to the new law, all e-bikes across the country must be registered and display a license plate to enhance road safety and accountability.

Lack of Existing System

The agency needed a new platform to streamline registration and licensing, requiring rapid deployment to meet strict regulatory deadlines.

Public Safety Concerns

The skyrocketing use of e-bikes and scooters prompted an urgent need to regulate their usage, enforce compliance, and reduce traffic-related incidents.

The Solution

The agency selected Sapiens eMerge due to its rapid time-to-market and flexibility, enabling the swift implementation of the new regulatory framework. The following key features of Sapiens' solution were instrumental in meeting the agency's goals:

- Rapid Development: Sapiens eMerge allowed the agency to deliver the system ahead of schedule, supporting the legislative deadline
- Embedded Solution Modeling: The platform's embedded modeling capabilities helped streamline the registration and licensing processes
- Automated Technical Details: By automating technical complexities, Sapiens eMerge enabled the development team to focus on key business logic
- Seamless Integration: The platform's ability to integrate with legacy systems and external data sources ensured a smooth rollout
- Platform Independence: Sapiens eMerge allowed quick creation and deployment across various platforms, managing data efficiently through its enterprise server

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The Benefits

Increased Registration

More than 200,000 vehicles were registered after the platform went live on February 1, 2024.

Enhanced Efficiency

Automation of the registration process significantly improved productivity and reduced the time required for manual tasks by an estimated 50-70%.

Future-Proofed Solution

Sapiens' platform ensures scalability, enabling the agency to adapt to future regulatory changes and manage a growing number of e-bikes and scooters.

Compliance with New Regulations

The system ensured that e-bike owners could easily register their vehicles and obtain license plates, supporting full compliance with the new law.

Enhanced Accountability & Public Safety

The introduction of license plates for e-bikes enabled authorities to better enforce traffic laws and track compliance, improving road safety.

Public Awareness and Adoption

The new system facilitated a streamlined process for citizens, reducing registration time and ensuring wide public awareness of the new safety requirements.

> *According to the agency's director, Sapiens delivered a "forward-thinking, innovative approach to manage the challenges of electric mobility. The platform's ease of use, rapid deployment capabilities, and seamless integration with existing systems have been crucial in addressing our regulatory needs. We are confident that this solution will significantly enhance road safety and streamline e-bike management in our country.*

About Sapiens

Sapiens International Corporation N.V. is a global leader of AI-centric, SaaS-based insurance software, delivering hyper-relevant experiences that are efficient, compliant, and innovative. With agile intelligence, Sapiens' solutions turn real-time data and human insight into precise action at every moment, across every risk. The Sapiens platform includes agentic workflows accelerating every capability across policy, underwriting, claims, reinsurance, decisioning, finance and compliance. With more than 600 insurers in over 30 countries running on Sapiens, our deep industry expertise is the foundation of our long-term relationships, from initial implementation through to modernisation and market transformation. Sapiens is headquartered in London, serving customers in property and casualty, life, reinsurance, specialty, and workers' compensation from offices across North America, Europe, Asia Pacific and the Middle East including Israel where the company was founded.

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