MapKing & AI Cities Introduction

(December 2025)

MapKing is a leading smart-city, connected-vehicles, and AI services company. We serve several Big Tech clients and maintain offices in major Asian cities. MapKing International Limited is the flagship entity; other group companies include AI Cities (Hong Kong & Singapore) and MapKing (Malaysia), among others.

Our services encompass:

- City Brain, Connected Vehicles Platform, and Fleet Management

- Map & Search, Big Data & AI, e-hailing, Metaverse, Street View, Digital Twin & Drone

- Intelligent Applications in transport, construction, conservation, hotel & mall design, town planning, and consultancy

Know more about us: www.MapKing.com, www.AI-Cities.biz

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WMC Open Innovation Challenges Q1 2026, Barcelona

(1) Building AI for Green Logistics Calculation aligned with EU carbon pricing and related policies

New-generation vehicles are connected to traffic and weather data, can communicate with each other, and connect to central systems. We provide fleet-management and various connected-car services (routing, traffic, web map services). Our high-speed routing engine calculates volumetric logistics routes from factories in China/Asia to ports/warehouses in Europe in near real time.

EU policies on carbon emissions include carbon tax, the EU Emissions Trading System (EU ETS), and the Carbon Border Adjustment Mechanism (CBAM).

We seek a partner familiar with these policies and their implications for logistics to co-develop components that add carbon assessment calculations and low-carbon routing into our system, and to jointly promote these services to EU importers, logistics service providers, and public authorities.

(2): Power Saving Solution for Personal Tracker and Logistics Tracking Platform

Personal trackers are increasingly used for monitoring the elderly, children, and logistics goods. A major challenge is GPS/AGPS power consumption and transmission energy, which leads to frequent recharging—often overlooked by users like children or elderly. Some brands employ BLE (Bluetooth Lower Energy) for "Find Me" functionality, pairing

with mobile networks. However, BLE-based approaches are proprietary and less scalable for industrial use due to privacy concerns.

We seek a cost-effective power-saving and communication solution that supports personal and logistics trackers, addressing battery life and reliability within budget constraints.

(3) Edge and remote station based processing core for Drone and 3D Street View capture

Drone imagery and Street View data are widely used for both consumer enjoyment and professional applications. Visual SLAM processes images, typically requiring central-server processing. The values of edge computing are in both saving critical time in case of disaster recovery, and in the utilizing of the edge computing power at the capturing drone, or car, or phone devices.

Visual SLAM is base and open to optional support Lidar and other scanning technologies.

We seek an edge/remote-station SLAM processing core that reduces central compute while delivering rapid, field-ready edge SLAM capabilities.

Business Potential

We are seeking not only technology integration but long-term go-to-market and operational partnerships, including EU market development, local deployment, ongoing operations and support, and joint projects and bidding. We welcome collaborations with companies and startups in smart cities, logistics, industrial safety, security solutions, and system integration to build sustainable, long-term partnerships—initially in Spain, with expansion to Europe and other regions over time.

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