



City Brain

(Dashboard, Traffic, Connected Vehicles, Drone)

Industrial AI, Robots

Smart Hotel & Logistics Services

Stanley Ng(CEO)

Sept 2026

www.AI-City.io www.MapKing.com

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CLICK TO HOME

(English Ver 7)



Agenda

- WebMap, MapAsia.com, MapGCC, MapEMEA
- VR: Drone, Digital Twin, 3D, VR, Metaverse
- AI/VR Artificial Intelligence

Ask for
Presentation

- **City Brain, Connected Vehicles, AI, Robot, Smart Hotel**

This PPT

- Professional Content & Map Services

- Solution Platforms

Ask for
Presentation

- Autonomous Driving Services

1. [Introduction](#)
2. [City Brain- Traffic, Connected Car](#)
3. [City Brain- 3D Platform](#)
4. [AI – Drone Infrastructure Monitor](#)
5. [Industrial AI & Robots](#)

6. [World Top Smart Hotel Design](#)
7. [GPS Fleet Management](#)
8. [AI - Aqua Optima](#)
9. [AI - Project Services](#)
10. [Robot – Port, warehouse, industry](#)



CLICK TO TOPICS



The leading Smart City Solutions Provider & Connected Vehicles Platform @Asia

Offices: Hong Kong, Singapore, Malaysia, Guangzhou China
Rep: Beijing, Macau, Taipei

We serve Apple, Google, Tencent,
ITIS services in HK, KL & SG, world top logistics, transportation, &
professional companies in Singapore, Malaysia, Hong Kong, Macau,
& several Asia cities ...



AI Cities Ltd (Hong Kong) AI City Tech Pte Ltd (Singapore)

MapKing spin-off
for AI, Big Data and Smart City Services



**We serve Giant Tech Clients: -
Apple Inc., Google Inc., Tencent Inc.,**

**Largest services providers in Trades:-
Minibuses, Taxis, Logistics in Hong Kong
and services for**

Government (AMO, Planning Department, HKPC, Tourism
Board, MTR etc) **public bodies, Car OEM etc**
in HK, Macau, SG, MY ...



Core Services

**Map & Content
Licensing**

**AI, Spatial &
Mobility Services**

**Smart City
City Brain Projects
(& smart hotel/mall
design)**

**Intelligent Transport
Data Service**

**GPS Fleet
Management**

**AI, Drone, & 3D
Services
Robotics Distribution**



Explore to serve you

Everyday, millions of travellers, drivers, delivery parcels enjoy the services of MapKing via our direct clients or partners in Hong Kong, Macau, Singapore ...

we want to serve / partner with you in

- **City Brain Platform / Smart City Dashboard**
- **Connected Vehicles Platform (GPS, w CCTV, Call car/ Fleet Mgt)**
- **ITIS (Intelligent Traffic Information System)**
- **5 Star hotels Smart Hotel/ Mall Design**
- **Industrial AI Services**
- **Robot Distribution**
- **Other Tech – Map (GIS), Drone, Satellite, Warehouse, Port etc..**

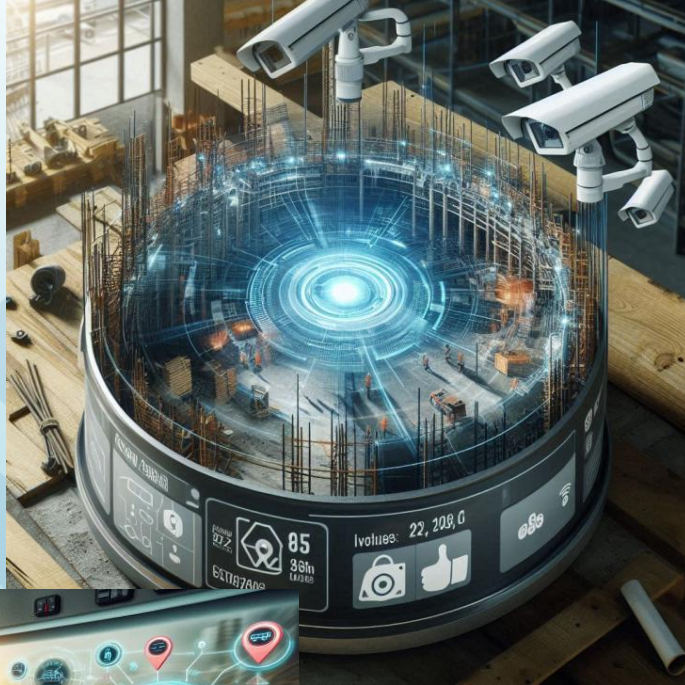


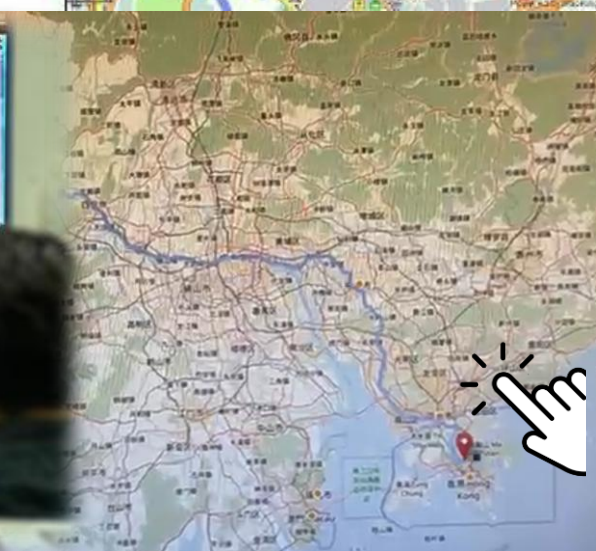
AI /Big Data Projects

Linking Artificial Intelligence (AI), 3D VR City and
our Awarded Connected Car & ITIS Platform
serve Singapore, Malaysia, Hong Kong, Macau & Int'l clients



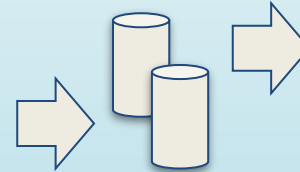
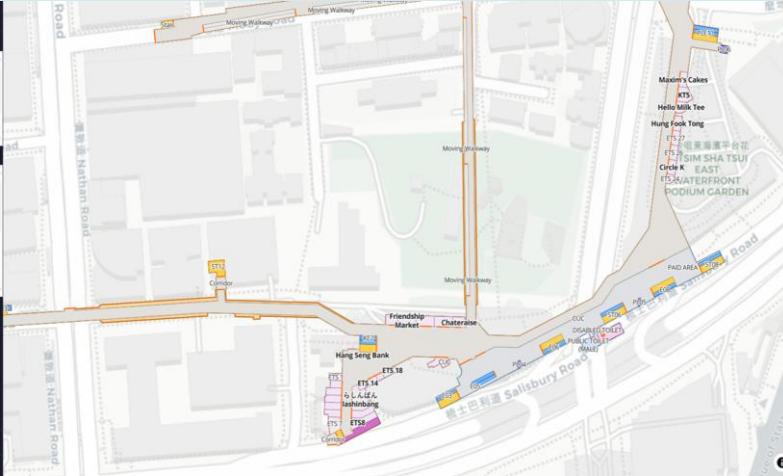
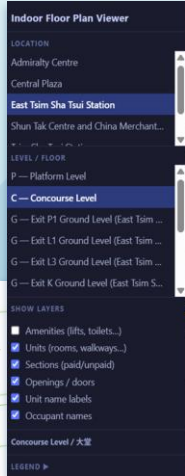
AI Project services and Resell Industrial Robots...



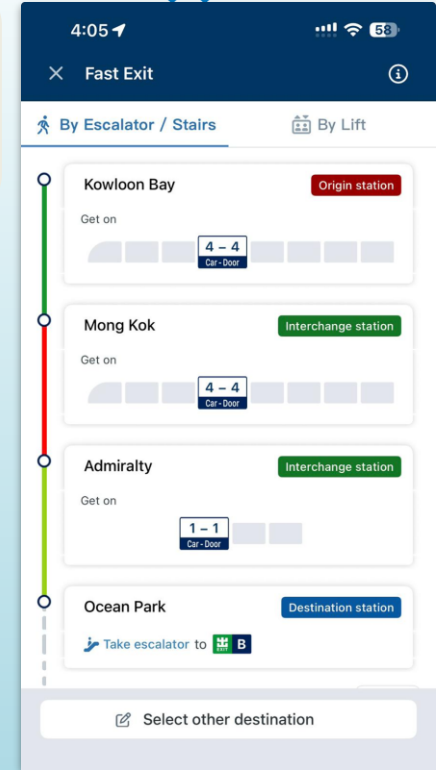


MapKing serves MTR Mobile Indoor Exit Strategy

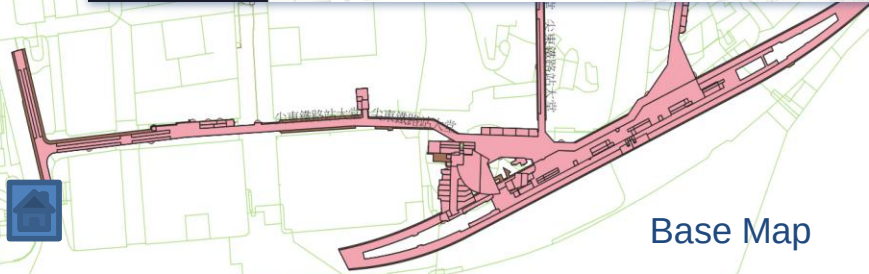
(MapKing serves MTR Mobile for some 9 years)



MapKing System



MTR Mobile



Base Map

AI Services

Drone Infrastructure Monitor



Industrial AI & Robot for Efficiency, Safety & Management

- **Outcomes:**
 - Improve efficiency,
 - Reduced incident rates,
 - Improved compliance with spec and safety regulations,
 - Less costs of any kinds



8.2 Drone Building Wall Inspection

Professional Services : Drone Building Inspection Contractor – Hong Kong Government (2026-27 term contract)

- **Artificial Intelligence (AI)** Analysis & Display platform
- **Drone** Operation in Restricted Flying Zone (e.g. Airport)
 - Drone Company License, Advanced Rating Remote Pilot, Dr
 - Advanced Operations Permission
 - Registered Drone & equipment
 - Infrared Operation
- **360°** Mobile Mapping Camera & system
- **LiDAR** Scanning & system
- Several Tech Platforms
- In house town planner, BIM, GIS, IT, AI experts
- Partner engineer, surveyor, BIM expert

SMALL UNMANNED AIRCRAFT ADVANCED OPERATIONS PERMISSION		
 民航處 Civil Aviation Department	香港特別行政區政府 THE GOVERNMENT OF THE HONG KONG SPECIAL ADMINISTRATIVE REGION	
	民航處 CIVIL AVIATION DEPARTMENT	
AOP/2301-01	Mapping International Limited Registered Address of Permission Holder: Room 07, 7/F Shui Hing Centre 34 Sheung Yuet Road Tseung Koon Bay	POINT OF CONTACT Name of Accountable Manager: TING Yu Thomson Contact No.: 2740 9680 Email: mkt.etaxihk@gmail.com



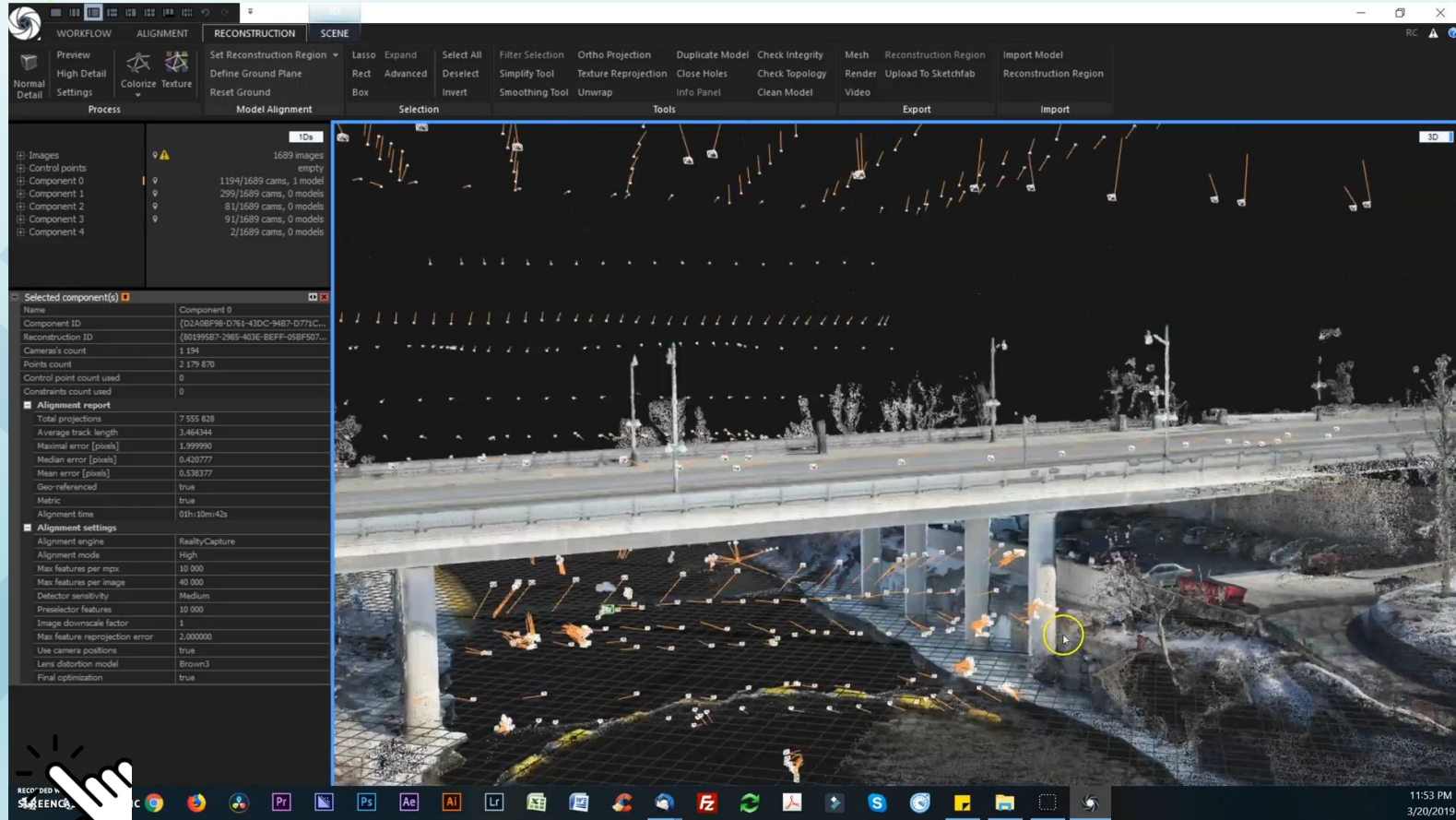
8.2 Drone Infrastructure Inspection Professional Services



Street View Car



Construction Application (Realitycapture software)



Workflow: WORKFLOW | ALIGNMENT | RECONSTRUCTION | SCENE

Process: Preview | High Detail | Normal Detail | Settings | Colorize | Texture

Model Alignment: Set Reconstruction Region | Define Ground Plane | Reset Ground

Tools: Lasso | Expand | Select All | Filter Selection | Ortho Projection | Duplicate Model | Check Integrity | Mesh | Reconstruction Region | Import Model

Selection: Rect | Advanced | Deselect | Simplify Tool | Texture Reprojection | Close Holes | Check Topology | Render | Upload To Sketchfab | Reconstruction Region

Export: Export | Import

File Explorer:

- Images: 1689 images
- Control points: empty
- Component 0: 1194/1689 cams, 1 model
- Component 1: 299/1689 cams, 0 models
- Component 2: 81/1689 cams, 0 models
- Component 3: 91/1689 cams, 0 models
- Component 4: 2/1689 cams, 0 models

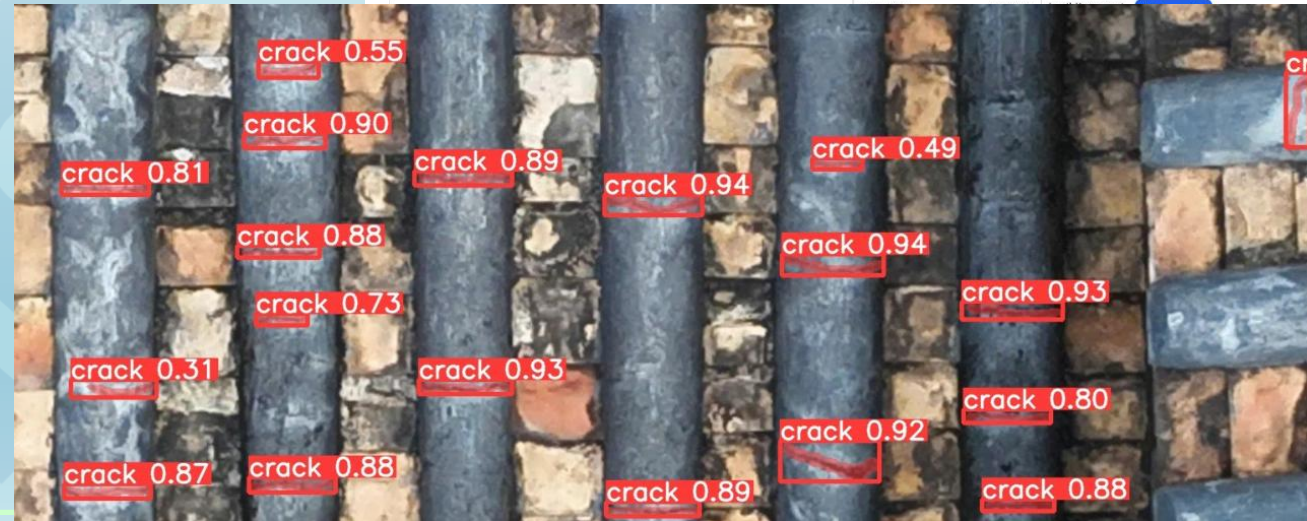
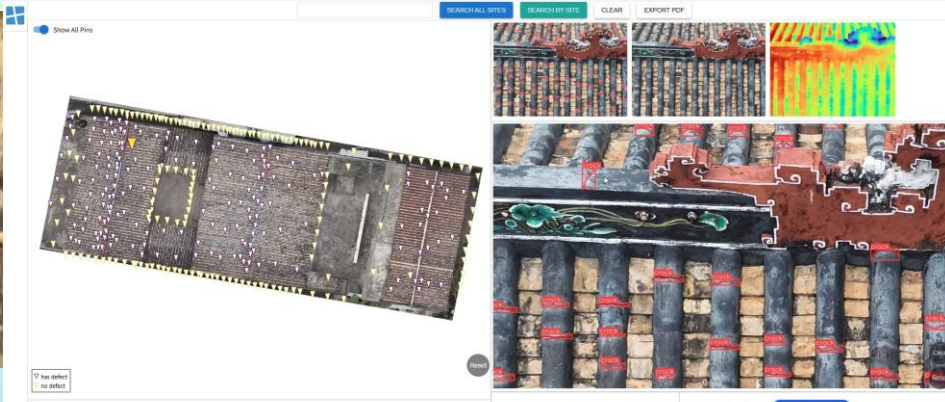
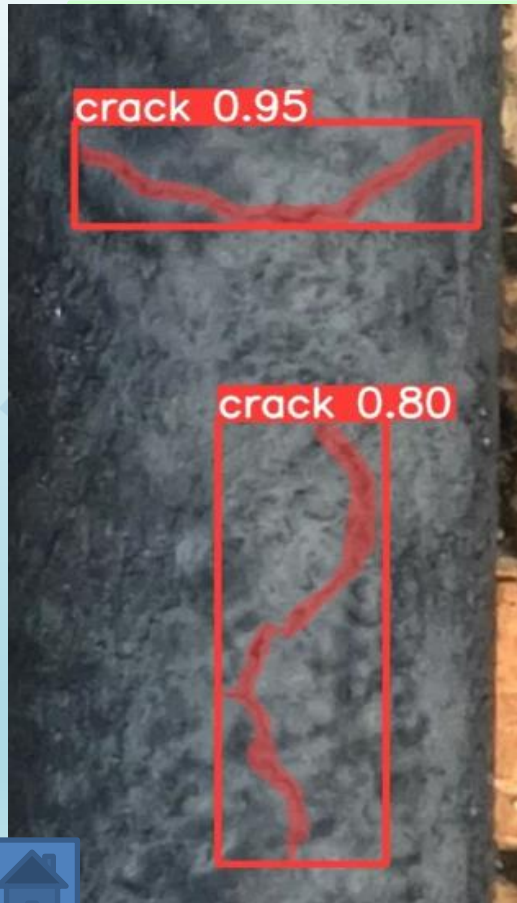
Selected component(s): Component 0

Name	Value
Component ID	{D2A0BFB-D761-430C-94B7-D77C...
Reconstruction ID	{801955B7-2985-403E-BEFF-05BF507...
Camera's count	1 194
Points count	2 179 870
Control point count used	0
Constraints count used	0
Alignment report	
Total projections	7 555 828
Average track length	3.464344
Maximal error [pixels]	1.999990
Median error [pixels]	0.420777
Mean error [pixels]	0.536377
Geo-referenced	true
Metric	true
Alignment time	01h:10m:42s
Alignment settings	
Alignment engine	RealityCapture
Alignment mode	High
Max features per mpx	10 000
Max features per image	40 000
Detector sensitivity	Medium
Prescriptor features	10 000
Image downscales factor	1
Max feature reprojection error	2.000000
Use camera positions	true
Lens distortion model	Brown3
Final optimization	true

System Tray: 11:53 PM 3/20/2019



Drone + AI Crack Analysis Result (AMO Pjt, HK Govt)



8.4 Distributor/Investor of:



GeoKernel

Disaster & Emergency Response Intelligence Solutions



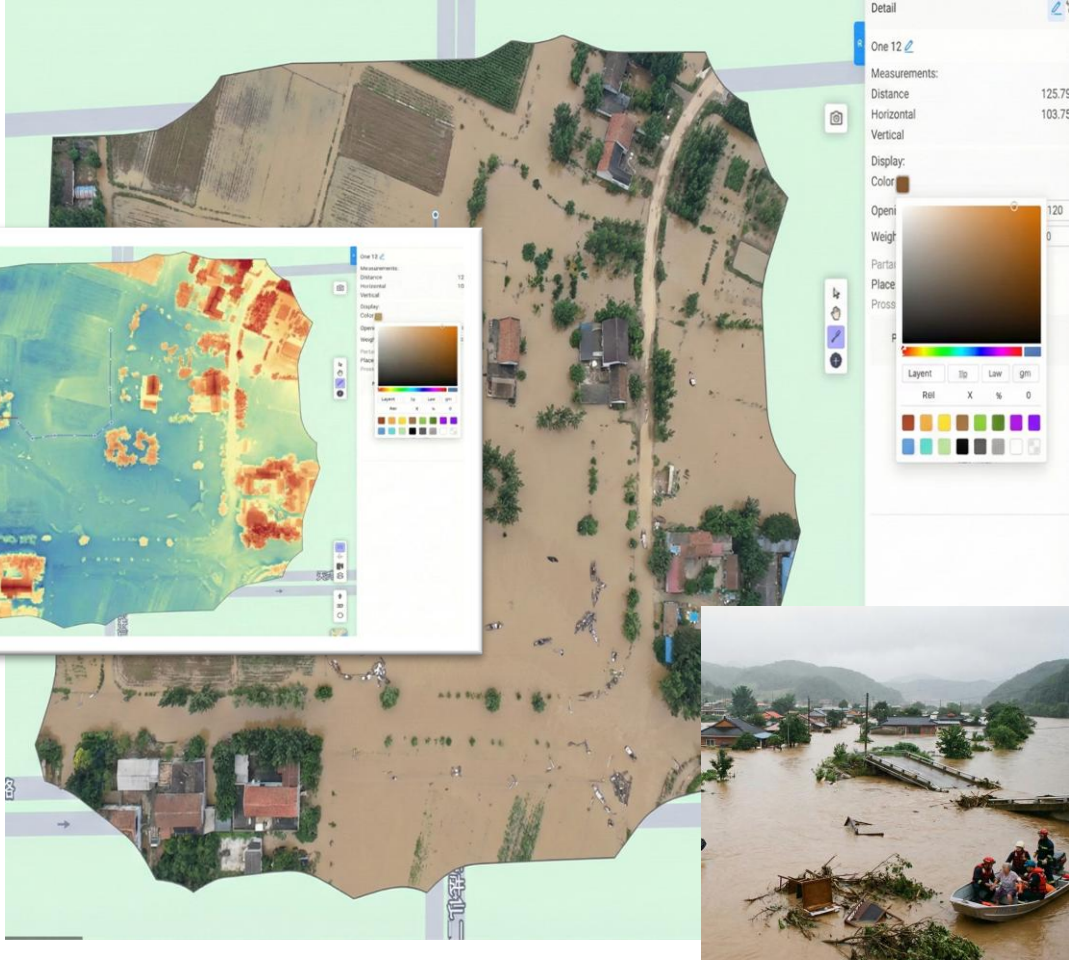
On-Premise Intelligence



Offline, On-Site, In-Minutes



Real-Time Geospatial Analysis



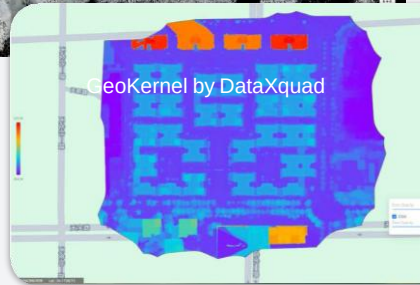
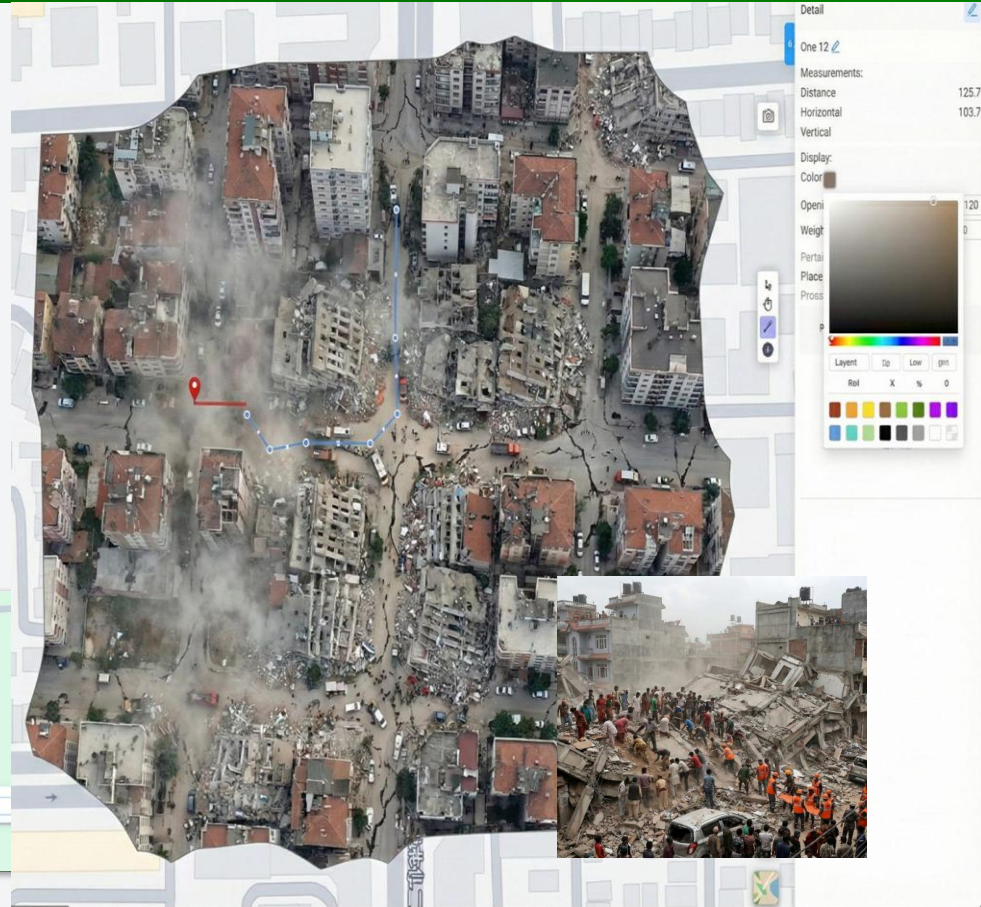
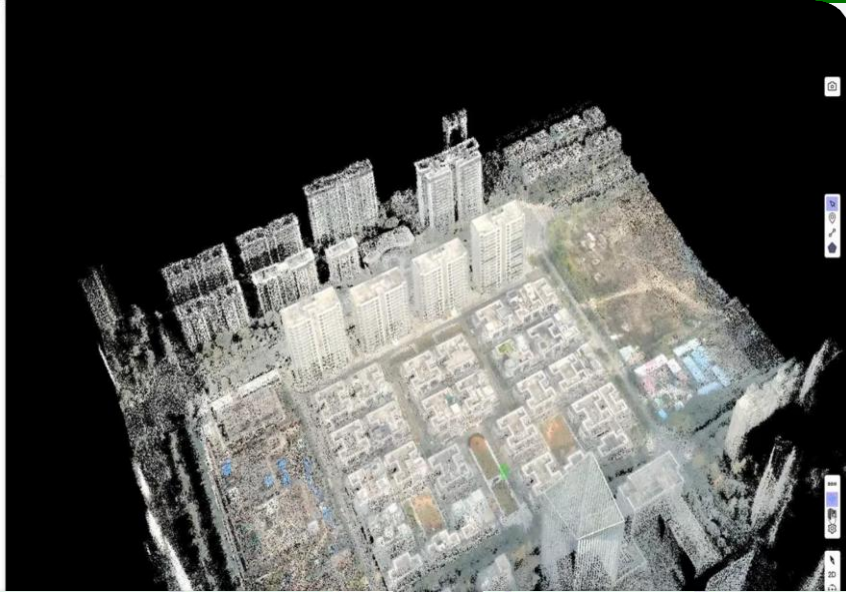
GeoKernel-Lite
From \$9,999

GeoKernel-LC
From \$18,999

GeoKernel-ER
From \$33,999

Transforming raw drone data into actionable intelligence for emergency response

Rapid Data Capture for Critical Emergency Response



The Critical Gap in Emergency Response

Rapid Analysis When No Internet On Site

In emergency response, there is **no internet**. Drone data is useless until it's processed. Back office need hours or day+.



3+ Hours Processing

- Critical data lag in time-sensitive missions
- Delay in decision-making critical for saving lives



Internet Dependency

- Manual data transfer introduces security vulnerabilities
- Cloud dependency compromises emergency response



Data Sovereignty

- Processing and storage occur on external systems
- Complete data security cannot be guaranteed



GeoKernel-ER - Advanced Detection Capabilities

Emergency Response Intelligence Solution

Advanced solution with real-time AI human detection and vehicle detection for emergency response operations.

Budget vs performance. Non military grade.



Surveillance Features Pack

Advanced monitoring capabilities for disaster zones and emergency situations.



Enhanced Field Processing

High-performance computing optimized for rapid field deployment.



Human Detection Pack

Critical for search and rescue operations in disaster scenarios.

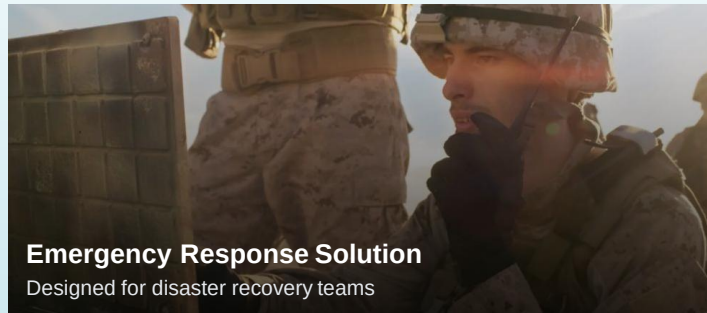


Vehicle Detection Pack

Identifies vehicles in disaster areas for access route planning and evacuation.



Starting at

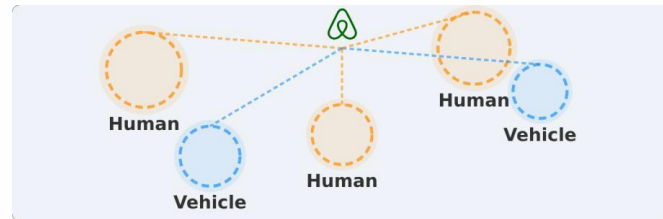


Emergency Response Solution

Designed for disaster recovery teams



Advanced Detection Capabilities



Human Detection

Identifies people in real-time



Vehicle Detection

Recognizes vehicles in seconds

Drone Compatibility

Compatible with Leading Drone Manufacturers

GeoKernel works seamlessly with all drones that provide POS (Position and Orientation System) embedded raw images



Market Leader

Industry standard with
extensive POS integration



Versatile Platform

Adaptable for various
emergency response scenarios



VTOL Specialist



Autonomous

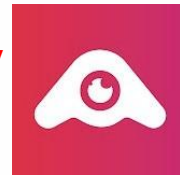
Parrot[®]

European Leader

JOUAV
Unmanned Aircraft System

Long Range

Aiu Technology
Partnership



Electric vertical takeoff
and landing

AUTEL
ROBOTICS

High Resolution



AI Service

Water Pump AI Optimization



8.5 Distributor/Investor of:

AquaOptima – Awarded Water Supply & Pump AI



AquaOptima

- **Goal:** City water utility asked us to save 7% on pump energy.
- **Outcome:** By fine-tuning controls and analytics, we cut energy use by 20%, shaving 1% off the city's total electricity demand.
- **Team:** Local Taiwanese engineers, an Aussie tech lead, and a senior Malaysian consultant.
- **Now:** A commercial energy-management SaaS platform.

[Learn More](#)





The Solution - Smart Pump Management

Operational Challenge		Improvements	Solution Deployed
1 Poor Energy Efficiency	----->	20 - 30% energy savings	AI-optimized pump combinations and frequency control
2 High Maintenance Costs	----->	5 - 20% reduction in equipment wear	Maintaining pumps at optimal efficiency points (above 90% ER)
3 Resource-Intensive Operations	----->	1+ hour daily staff time savings	Up to 50 automated daily pump control replacing manual operations
4 Inability to Optimize Water Flow	----->	> 95% time within supply target range	Intelligent predictive control with real-time demand forecasting
5 System Instability & Disruption	----->	100% automatic fault detection	Comprehensive anomaly detection and response logic

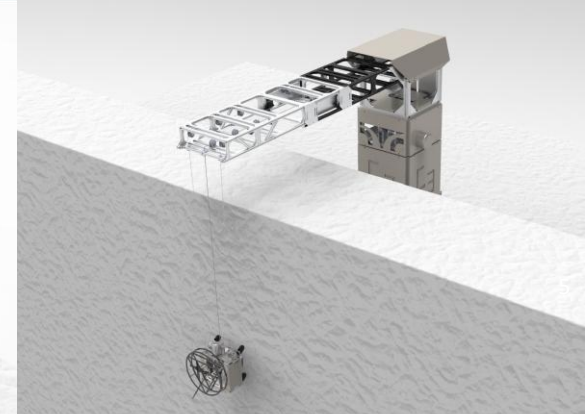
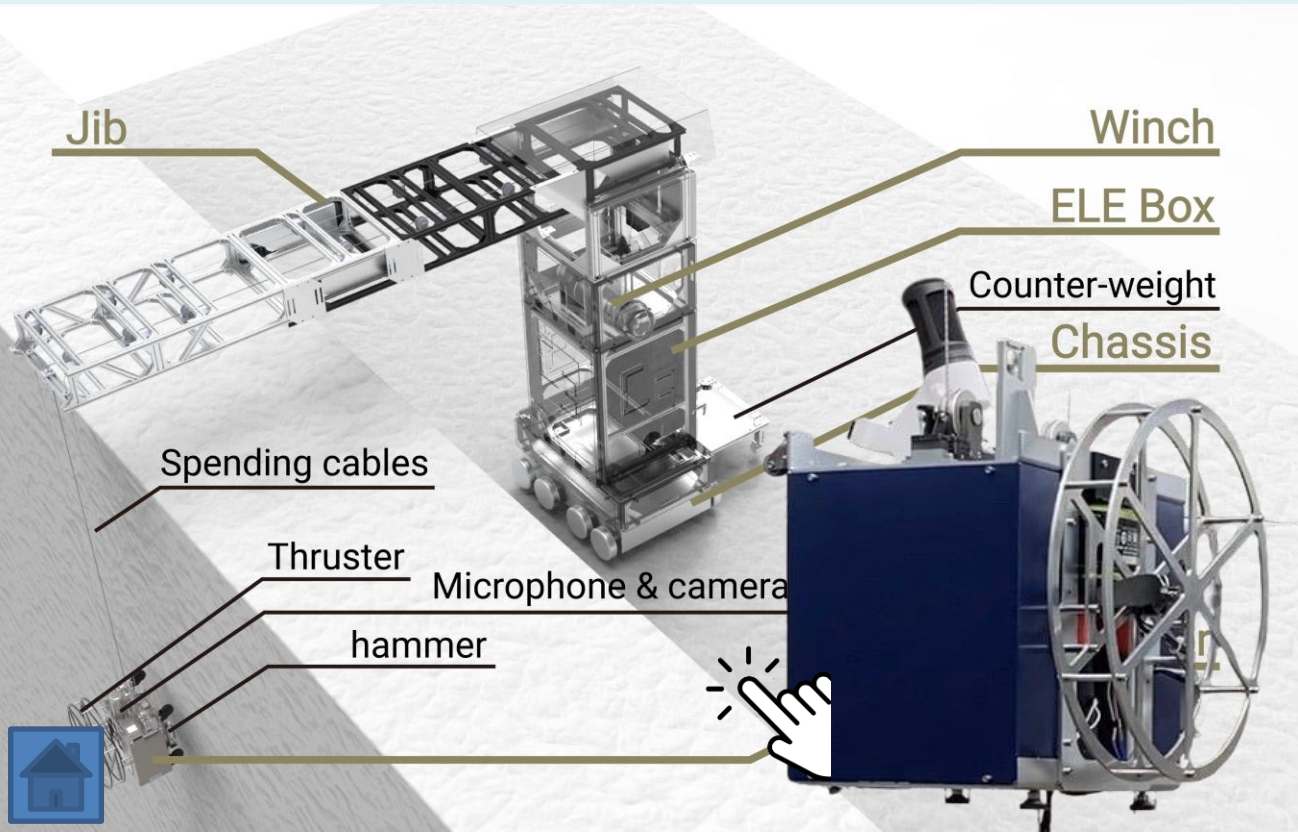


AI Service

High Rise Wall Inspection – Tapper ++



8.1 Robosun-Tapper AI Robot- v2 (2025)



Pain Points of Inspecting Façade Wall with Hammer Tapping for Spalling, Delimitation

Many old highrise

Cracked/ hollow façade

Falling tile/ plastering Injury

Risky/ Costly



Costly and Slow



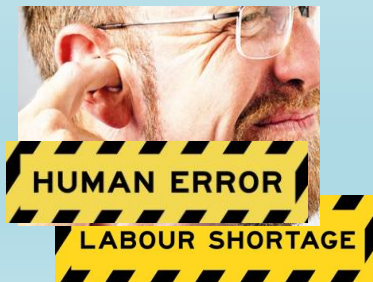
No digital footprint



No effective solution



Workers



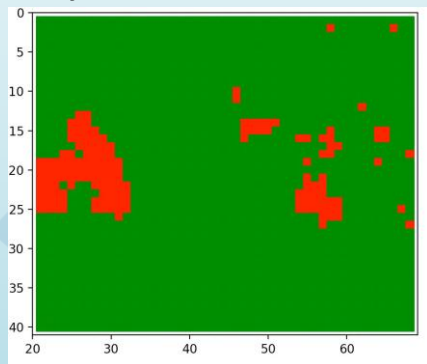
Our Advantage

1. Accurate AI
2. Less manpower
3. Digital Record
4. No scaffolding
5. System Report
6. High Rise Old City



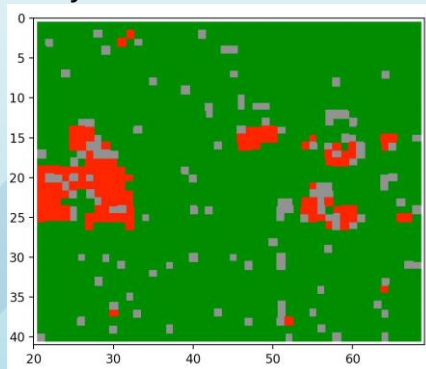
Our AI discern sound results with enhanced level of granularity

By Human

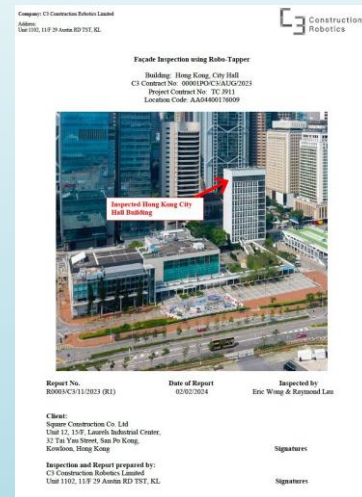


- good
- defect
- possible shallow defect

By AI Model



- **Not** prone to human error
- ability to discern type of defect
- provide digital footprint



- Faster report turnaround time
- Consistency in results



8.6 Forklift Operator / Worker CAM Monitor

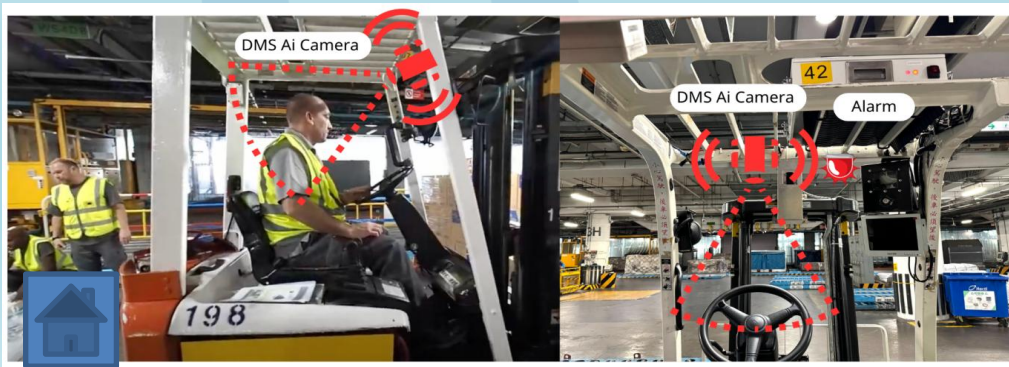
Suitable : Warehouse / Factory / Airport

8.6.1 Project System – HK Airport Project

- Edge Computing AI CAM + system (on site)

8.6.2 Budget System – Truck Driver (MapKing Fleet Management Services)

- CAM recorder + central cloud system
- Stable services



8.7 Core Differentiation

AI-Spatial Vision Tracking

Our core differentiation is our **advanced spatial computer vision tracking**, which enables us to track vehicle and pedestrian movement & trajectories with higher accuracy to identify and preempt collision risks.

KinetixPro : AI Spatial Tracking

Digital Twin Tracking Map : AI Localization

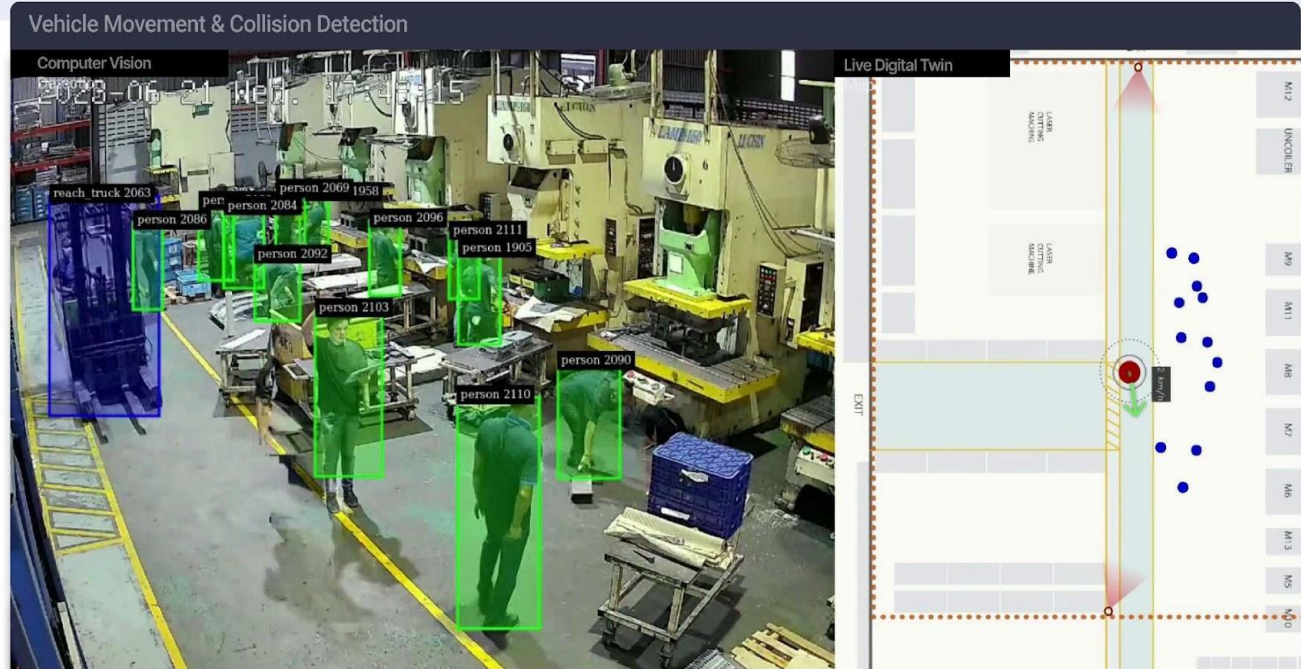
CCTV Spatial Monitoring



Projected 2D Digital Twin Map of Worker & Vehicle Movement



Combining CV tracking & wearable GPS allows localization & identification of individual to send real-time notification.



KinetixPro vs Competitor Technology

Traditional 2D static computer vision vehicle control by competitors

- No distancing detection
- No collision prediction
- Generic & inaccurate

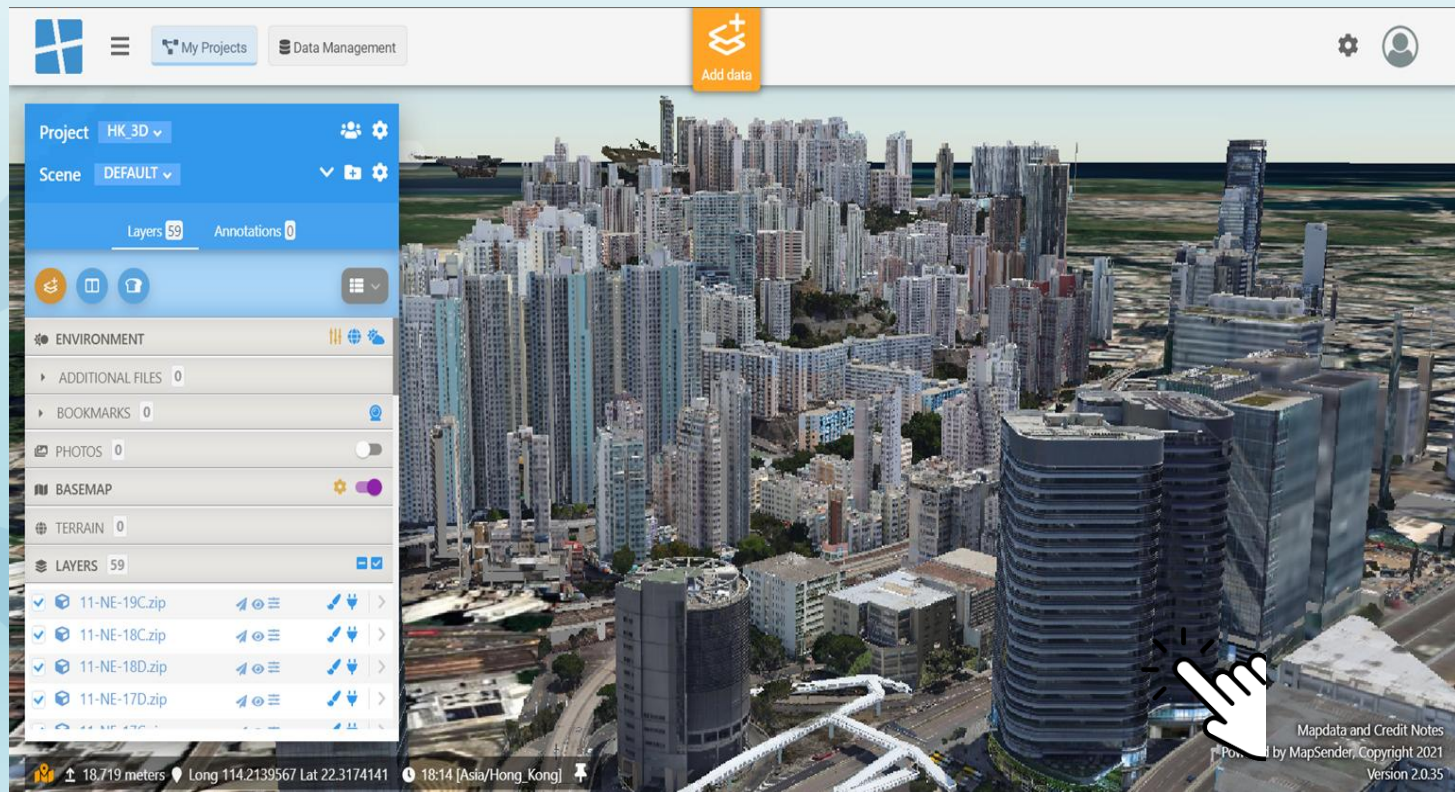
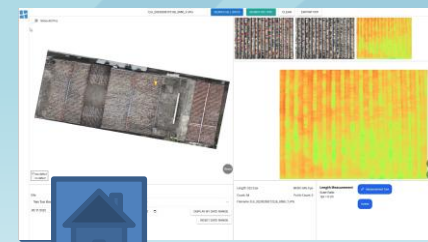
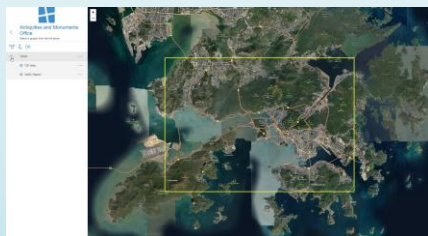
City Brain - 3D City Platform & Services

Linking Artificial Intelligence (AI), 3D VR City and
our Awarded Connected Car & ITIS Platform
served top clients in Asia cities

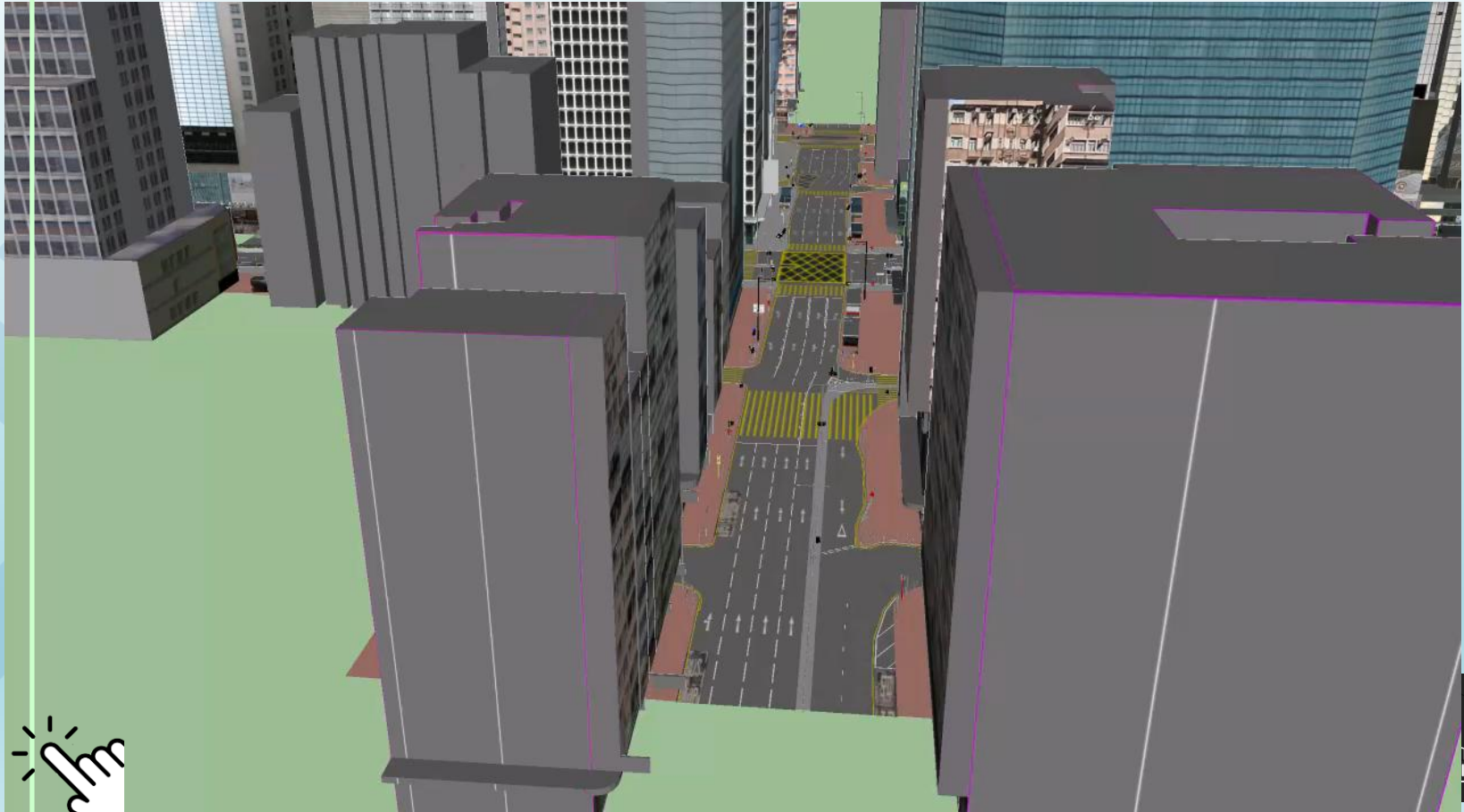


Large-scale data presentation

Large scale smart cities, GIS, digital twins and WMS overlay for change detection on GeoXpert Platform



3D City Model



Drone & 3D City Model Services



City Brain - Traffic

AI Cities's "City Brain" is the advanced connected city platform that provides sophisticated but "ready-to-use" management system to support companies and governments in modern city.

Our City Brain Platform provides cloud based services including, but not limit to, GPS fleet management, vehicle services, e hailing, Intelligent Traffic Information System (ITIS), smart building/ hotel design & management, smart sensors to facilities (IoT), CCTV, connected vehicles, etc.

AI Cities's "City Brain" integrates the various platform adopted in different operational projects via API and Virtual city. "City Brain" response lively to the need of a modern city.



ITIS Services

Traffic jam broadcasting,
traffic incidents (TPEB
upgradable)

Hong Kong, Macau, Singapore,
Malaysia, Thailand etc.

2018-07-09 08:00



Kuala Lumpur City Centre Traffic Report Laporan Trafik Pusat Bandar Kuala Lumpur

As of: 20 October 2025, 17:45

Setakat: 20 Oktober 2025, 17:45

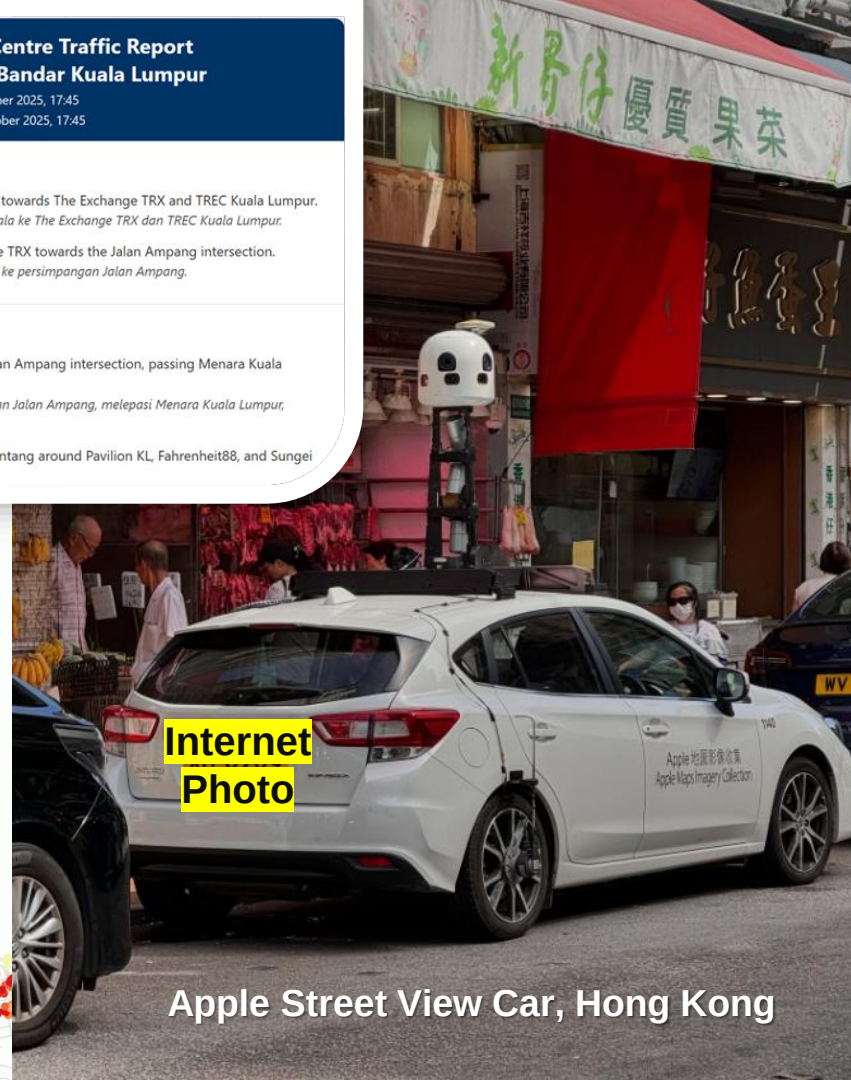
Jalan Tun Razak

- **Severe Congestion** from the AKLEH interchange towards The Exchange TRX and TREC Kuala Lumpur.
Kesesakan Teruk dari persimpangan AKLEH menghala ke The Exchange TRX dan TREC Kuala Lumpur.
- **Heavy Traffic** from the direction of The Exchange TRX towards the Jalan Ampang intersection.
Trafik Sesak dari arah The Exchange TRX menghala ke persimpangan Jalan Ampang.

Bukit Bintang & Jalan Sultan Ismail Loop

- **Heavy Traffic** on Jalan Sultan Ismail from the Jalan Ampang intersection, passing Menara Kuala Lumpur, towards Pavilion KL.
Trafik Sesak di Jalan Sultan Ismail dari persimpangan Jalan Ampang, melepasi Menara Kuala Lumpur, menghala ke Pavilion KL.
- **Heavy Traffic** along Jalan Imbi and Jalan Bukit Bintang around Pavilion KL, Fahrenheit88, and Sungei Wang Plaza.

Internet
Photo



Apple Street View Car, Hong Kong

Connected Vehicles Platform

New generation cars are connected, listen to traffic, weather info, talk to system, talk to another car on the go..., it is more than GPS fleet management

MapKing Connected Car Platform provides GPS fleet management, vehicle services & e-hailing platform, Intelligent Traffic Information System (ITIS) to clients including

- **TIS(Traffic Information System) & Content serve Apple, Tencent, Google Inc.**
- **GPS Fleet Management serve SF Express etc top logistic brands**
- **Ride-hailing serve eTaxi JV with Hong Kong Taxi Council ++**
- **School bus dispatch, Hotel bus dispatch etc**
- **projects in Saudi Arabia, Singapore, Malaysia, Macao Hong Kong(Bay Area)**



Connected Car Platform



Call Car

Routing &
Navigation

Live Traffic
& Transit

GPS Fleet
Management

Share Ride

ITIS
Intelligent Transport
Information System

On Demand
Service

Safety
Monitor...

We serve All Technical Components



From Connected Car 2 Autonomous Driving

Tech

1. Low End: Car + Internet (APP, V2P)
2. High End: V2V, V2X, Artificial Intelligence

Products
/ Services

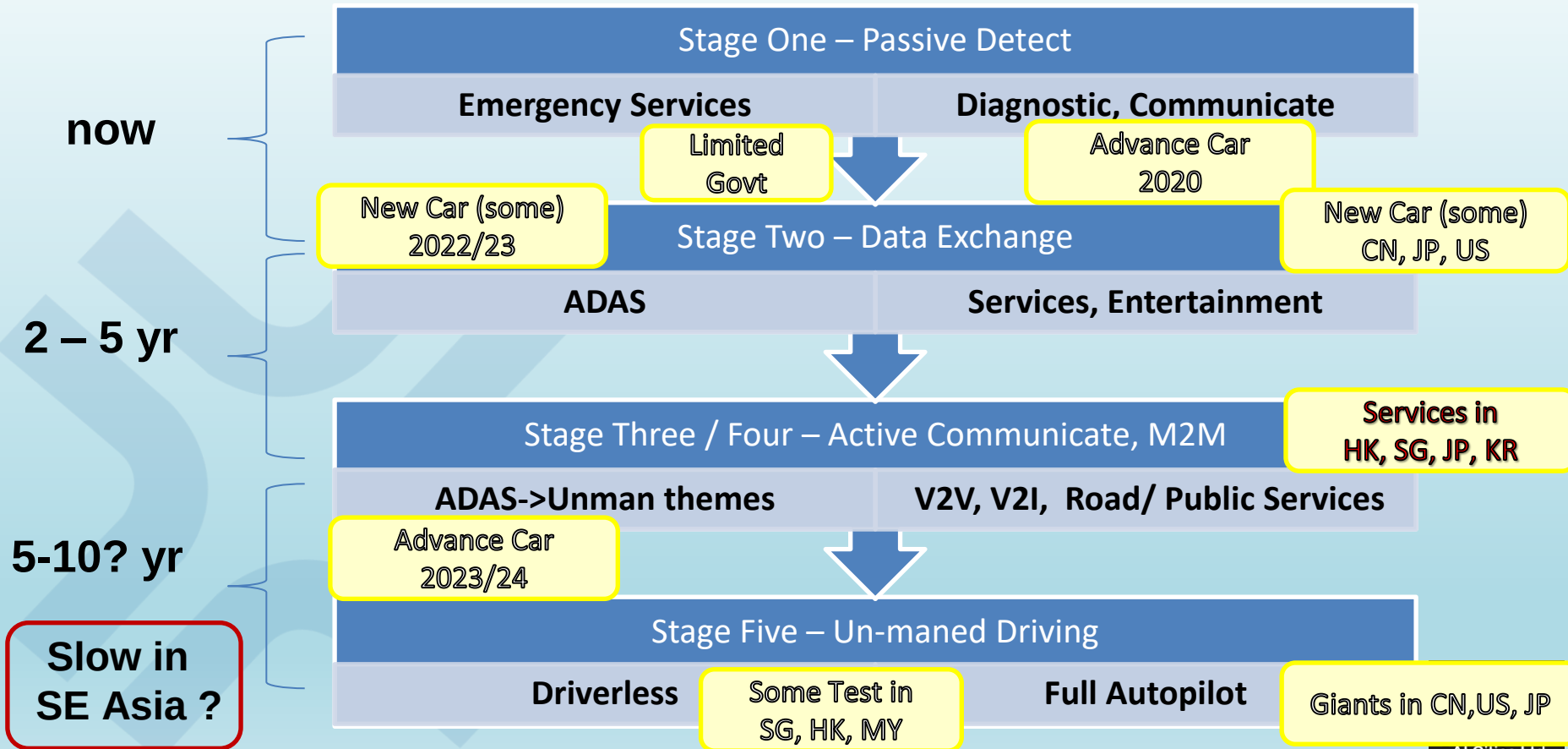
3. Connected Car – IOT, long/ short range connect
4. **ADAS** Advanced Driver Assistance System
5. **AI** (Artificial Intelligence) / Road/ Infrastructure Services
6. **Semi Driverless (L3.L4)/ Driverless Car**

Eco
System

7. **ITIS** (Intelligent Transport Information System)
8. **Smart City Infrastructure & Policy Support**



Time?



Mobility Platform

- Hong Kong JV – eTaxi
- School bus and fleet management
- Greater Bay Area (GoAsia) & Others...



Smart Phones

Apple Maps,
Google Maps,
Tencent Maps & Others...



- Taxi & Like Services
- DBKL ITIS, Malaysia Pjt
- HK (JV), Singapore (Pjt)

- Variable message signboard
- Traffic Speed Map
- Traffic Camera
- Roadwork Update



MapKing

GPS Fleet Management

MapKing is leading in sectors:

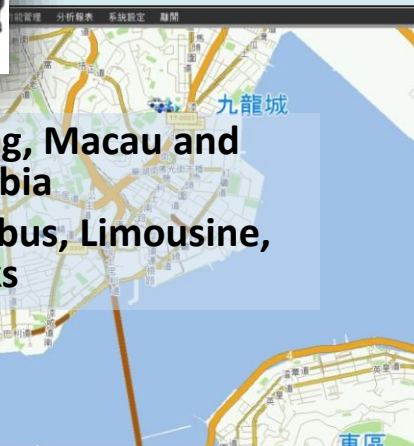
1. Minibus – market share 70%+ GPS fleet management
2. Logistics – Major clients: SF Express, Hi Speed etc
3. Taxis – Joint Venture with Hong Kong Taxi Council associate co.



MapKing GPS & On-board CCTV (DVR) Solutions



Limousine in Hong Kong and Macau



- Hong Kong, Macau and Saudi Arabia
- Bus, Minibus, Limousine, and Trucks



Mini Bus in Hong Kong



Public Bus in Makkah, Saudi Arabia

香港地圖

2013

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香港地圖

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Truck in Hong Kong

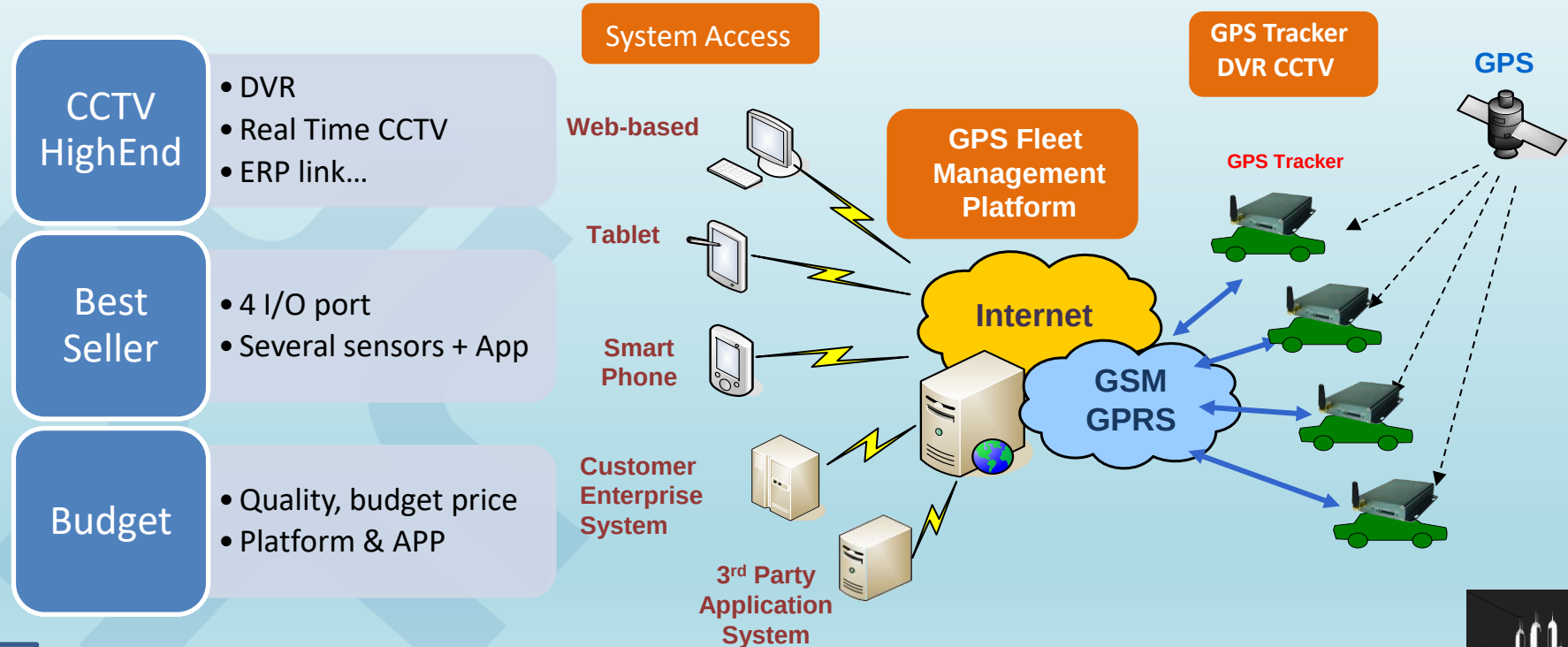


Customer References

- Next Generation Bus (Makka, Saudi Arabia, sub contract)
- Public Transportation (Hong Kong)
- Limousine Service (Hong Kong and Macau)
- Logistics (Hong Kong and Macau)
- Environmental and Cleaning Services (Hong Kong)
- Casinos (Macau)
- Government (Macau)



Fleet Management System (3 options)



Taxi Monthly Usage Distribution

PrimeCab Fleet Management Ltd

Print Date: 2016/09/26 10:40:57

Page: 1 / 1

Taxi Monthly Usage Report

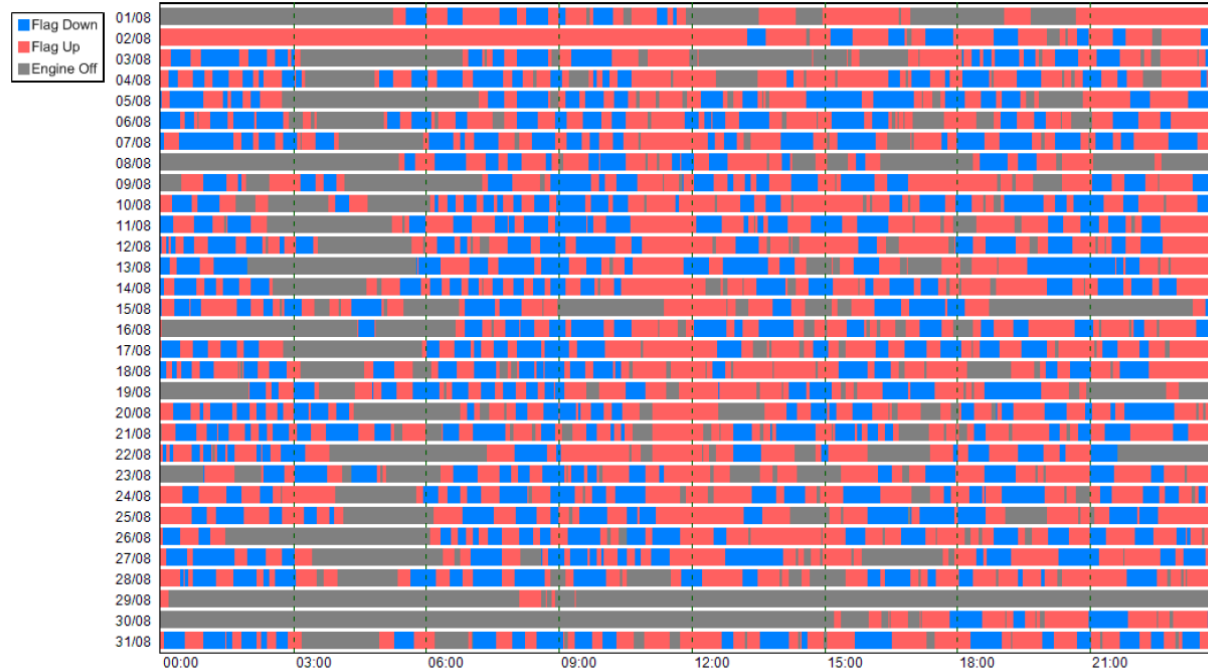
License No.: UD1968

Month: 2016 / 08

Total Flag Down Time: 220.45 hour(s)

Total Flag Up Time: 326.9 hour(s)

Total Engine Off Time: 196.6 hour(s)



5 Star Hotel Smart Hotel Design

20 years experienced designer for world top hotels
in Japan, Hong Kong, China, SE Asia ...



Service 9.1

World Class Hotels and Malls

**InnoArch i-building
design & services
(partner)**

Smart hotel & real estate
design for client Hotels like
Four Season, Holiday Inn,
Hyatt, InterContinental,
Crown Plaza, offices and real
estate in major cities in Asia,
MENA.



Client Portfolio



10+

Years of Experience



100+

Projects Completed



4

Global Regions



Audio Visual Design

High-end AV solutions for ballrooms and meeting rooms with HD/4K/8K systems.



IT Design

Network architecture, VLAN arrangement, and WiFi coverage solutions.



Acoustic Design

Professional acoustic solutions for optimal sound quality and noise i



Security Design

Advanced security systems including CCTV and access control.



ELV System Design

Extra-low voltage systems for building infrastructure.



Room Control Design

Integrated control systems with smart automation features.

Intelligent Hotel & Building Design

Smart Building Approach



Infrastructure Design

Hardware infrastructure (risers, cable pathways) and software infrastructure (electronic mapping)

Hardware Implementation

Wired and wireless connections between devices and property systems

Software Application

Building on hardware infrastructure and electronic mapping for smart functionality

Technologies Integrated

5G Networks

EIA/TIA Standards

ISO11801 Systems

Electronic Mapping

Mobile Integration

QR Code Access

CCTV Monitoring

BIM Integration

Key Benefits

- ✓ Future-proof infrastructure with 10-20 year lifespan
- ✓ Seamless integration between indoor and outdoor electronic mapping
- ✓ Enhanced user experience through mobile applications and smart interfaces
- ✓ Improved operational efficiency and reduced maintenance costs
- ✓ Scalable solutions that adapt to evolving technology standards

Intelligent Hotel & Building Room Control (Distributorship)

Smart Hotel Rooms with IoT GuestControl



A smart hotel room uses 'smart' electronic devices powered by (IoT) Internet of Things. Devices are now internet connected, allowing them to send and receive data and communicate with one another.

GUESTCONTROL™
The Choice of Excellence

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Industrial Robot Distribution/Resell

Distributor/Investor of:

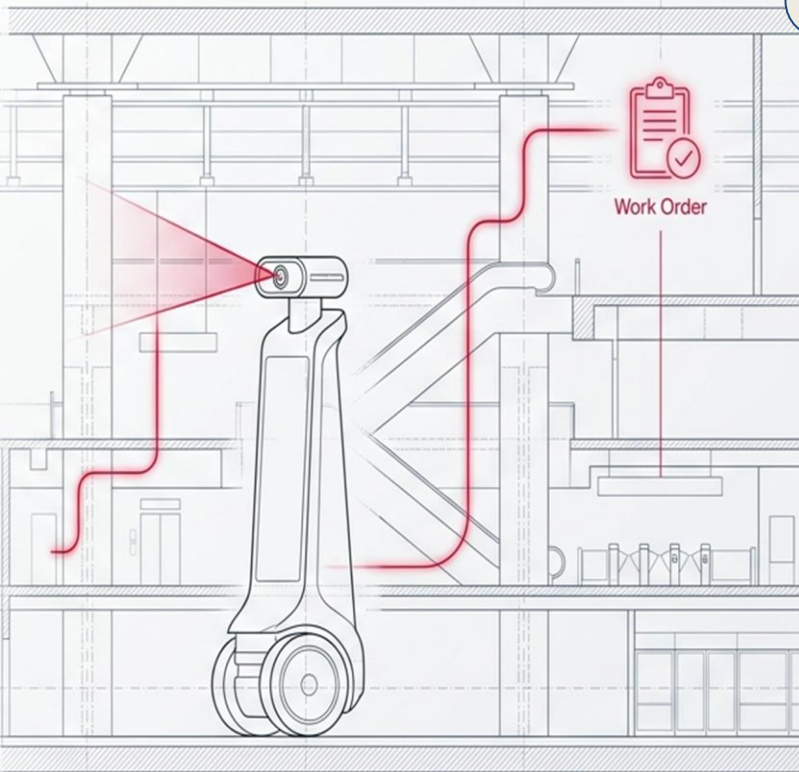


Robot World Local Authorized Hub

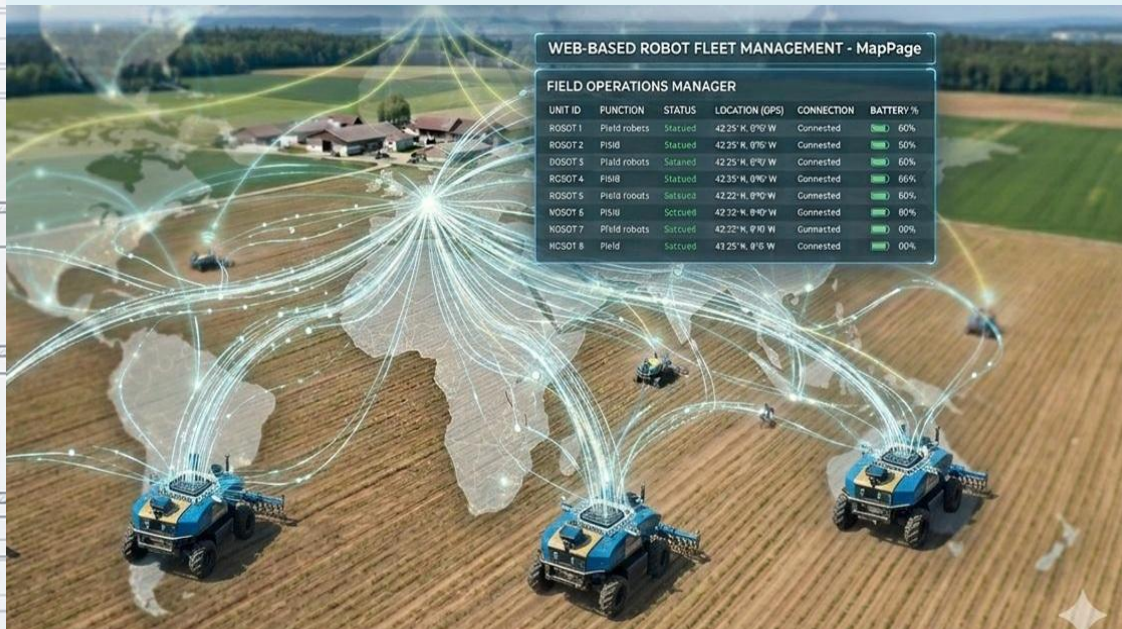


www.AI-City.io

www.Distify.io (a MapKing company)



AI Robotics Management for Hotel from Work Order to Management Hub

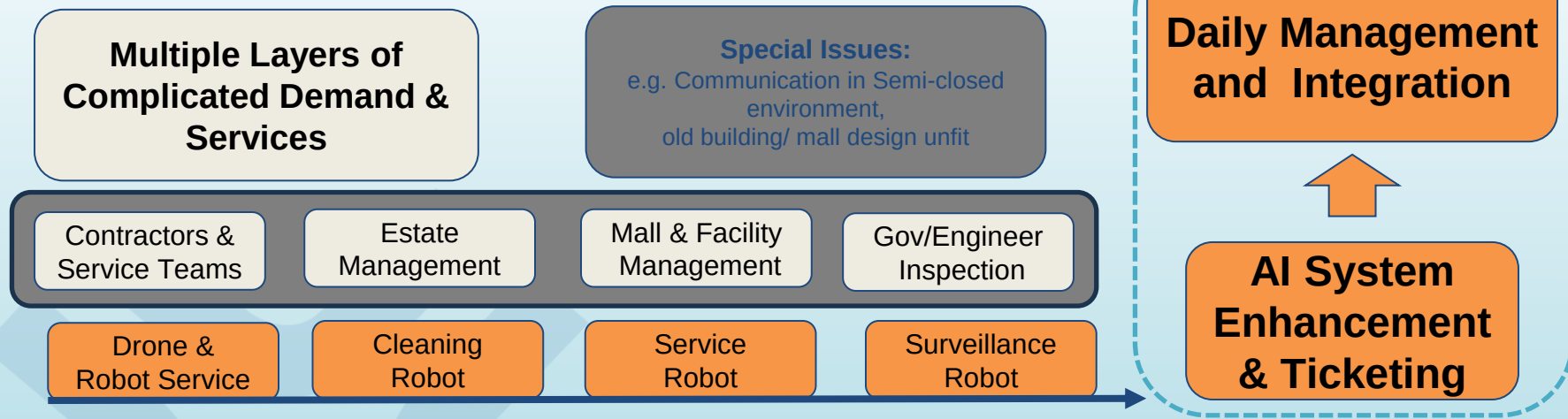


Version 3.1H, 1 August 2026 (Restricted)

Communication Partners (HK, China):



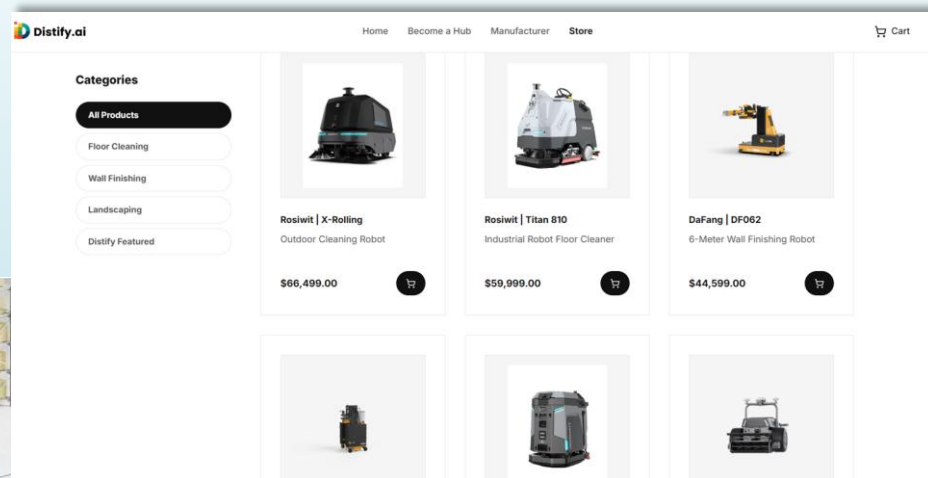
Issues in Robot Adoption:



Robot Super Hub

(Management & Services)

Distify.ai: [Distify.ai](https://distify.ai)
MapKing is Investor and Distributor



Future of Service Robots

Anatomy of an AI Inspection

The Agent (System)

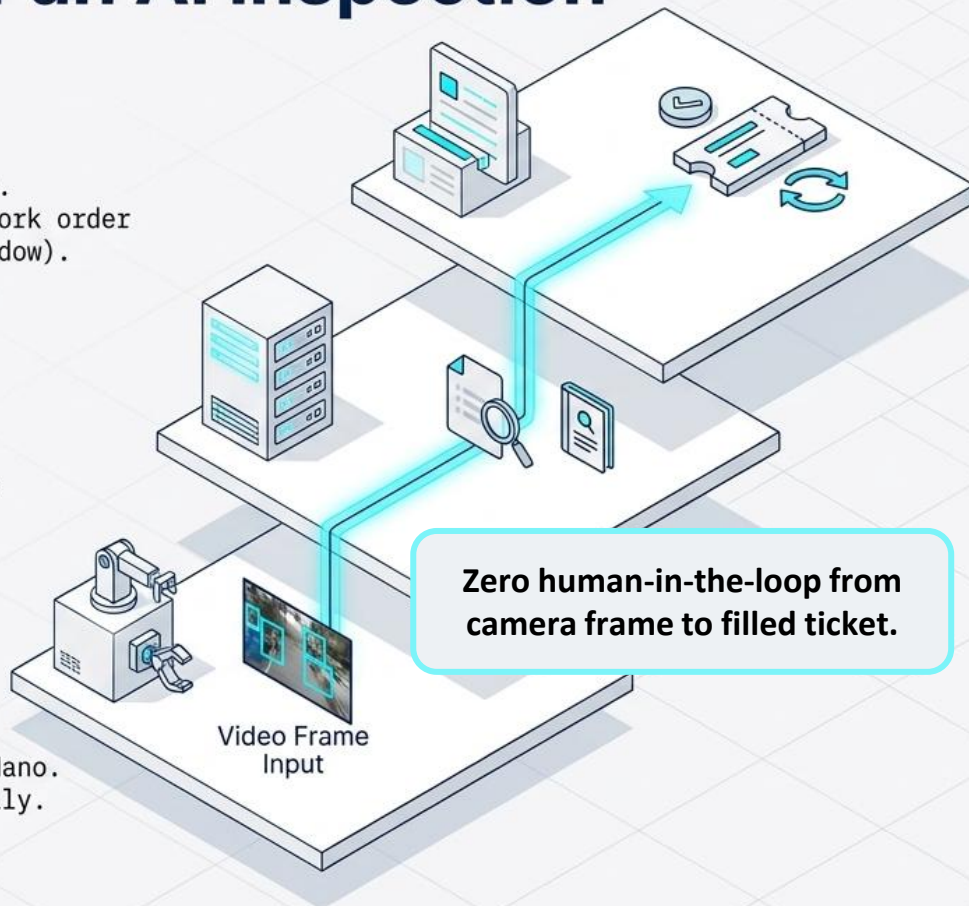
Step 3: Act & Step 4: Learn.
Autonomously creates CMMS work order
with deduplication (4hr window).
Calibration data generated.

The Cloud (AI Core)

Step 2: Assess.
Dify Workflow + Open-source
VLM (Qwen-VL).
Playbook rules injected.

The Edge (Robot)

Step 1: Detect.
YOLO-World on Jetson Orin Nano.
90%+ frames discarded locally.
<50ms inference.



Metrics Panel

24/7 ↑

Continuous
Coverage
(vs 2x per shift)

12x ↑

More
Inspections /
Day

<5min ↑

Detection to
Ticket

Closing the loop with autonomous work orders

AVIS Alert | FIRE_DOOR_BLOCKED | 防火門堵塞

Severity / 嚴重程度: CRITICAL / 極嚴重

Location / 位置: Exit A2 — Fire Door Bay

Camera / 攝像頭: CAM-TST-EXIT-08

Confidence / 置信度: 93.00%

Decision / 決策: ACTIVE

SLA Deadline / 期限: 2026-05-16 04:19 UTC

EN: A fire egress obstruction has been detected at Exit A2 — Fire Door Bay (Camera: CAM-TST-EXIT-08). An object has been identified within the immediate threshold zone of a fire-rated door, reducing available clear egress width in potential violation of NFPA 101 §19.2.1 and APTA RT-FS-S-003-02 §4.6. Immediate clearance is required; the Fire Safety Officer and Station Operations team must respond within 30 minutes to restore unimpeded egress in accordance with the prescribed Life Safety Code requirements.

VLM Analysis: The fire exit door at Tsim Sha Tsui Stn is obstructed by a fragile box placed within its immediate swing arc, preventing it from closing and latching properly. This obstruction constitutes a critical violation as it compromises emergency egress pathways, failing to meet NFPA 101 §19.2.1 requirements for clear passage. Immediate clearance is essential; the Fire Safety Officer and Station Operations must respond within 30 minutes to restore compliance and ensure life safety.

ZH: 在Exit A2 — Fire Door Bay (攝像頭: CAM-TST-EXIT-08) 偵測到防火出口阻塞事件。系統發現有物件位於防火門的即時開闢區域內，可能導致可用淨出口寬度不符合NFPA 101 §19.2.1及APTA RT-FS-S-003-02 §4.6的規定。消防安全主任及車站運營團隊須於30分鐘內到場，並立即清除阻礙物，以恢復符合生命安全規範的暢通出口通道。

📷 Detection Image / 偵測截圖: `WMIhbbhhfowcedx1X20joSdBpXd` (attached to Base record)

Video Clip / 事件錄像: http://10.128.0.5:8765/clips/evt_E2E-FINAL-1778901582.mp4

✓ Acknowledge / 確認

✗ False Alarm / 誤報

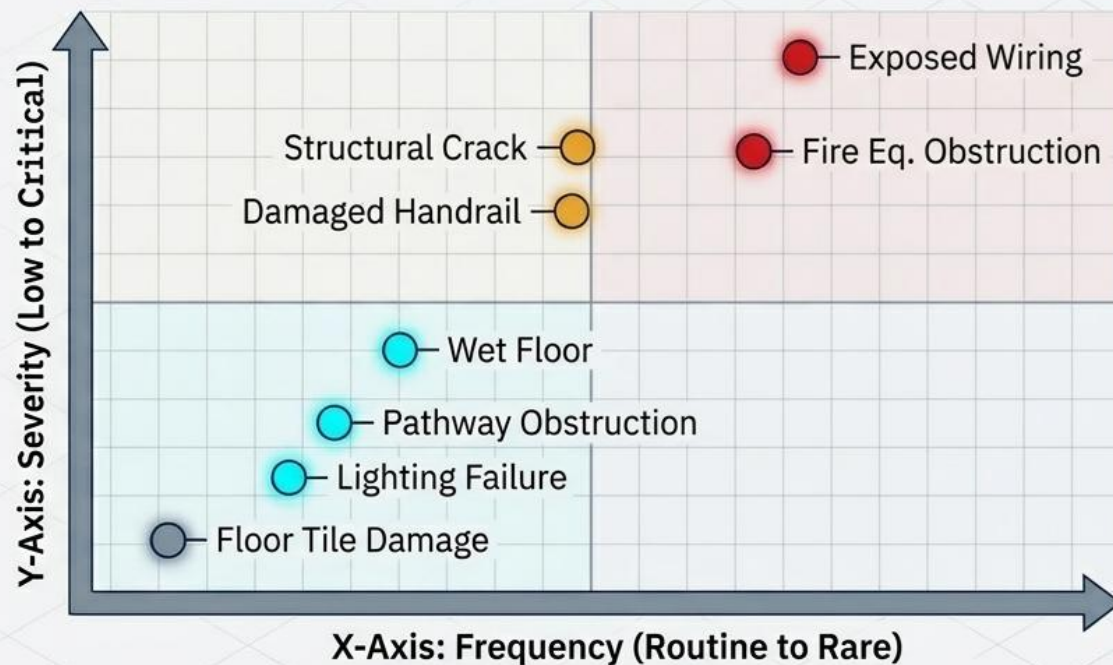
Auto-SLA Matrix	Alert	Resolve
 CRITICAL	1hr Alert	4hrs Resolve
 HIGH	2hrs Alert	8hrs Resolve
 MEDIUM	4hrs Alert	24hrs Resolve
 LOW	24hrs Alert	72hrs Resolve

Deduplication Note: Same zone + category within 4hrs appends a re-confirmation note, preventing ticket duplication.

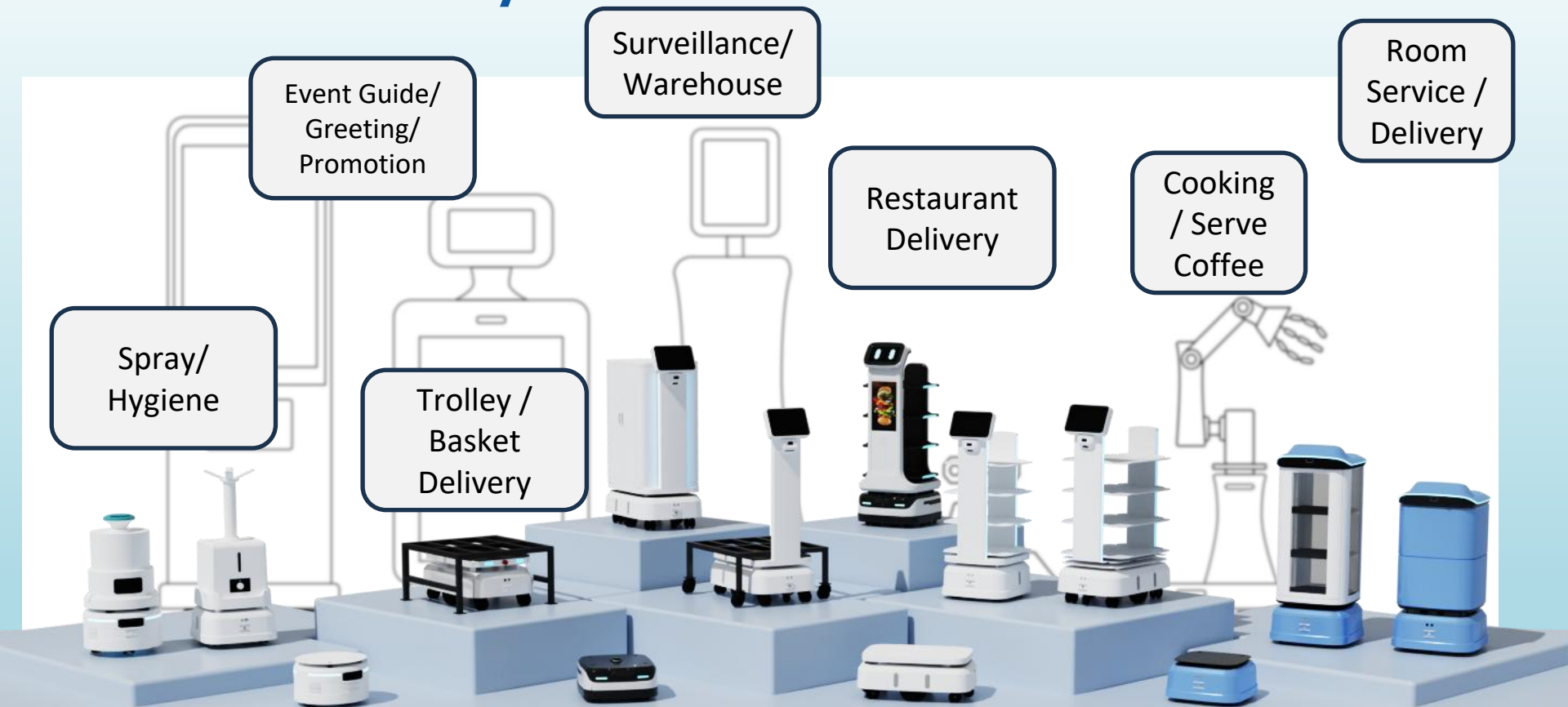
NotebookLM

Start Sharp. Expand as You Go.

Detection rules are derived directly from APTA RT-FS-S-003-02 rail standards and ISO 41001, translated into AI-readable Playbook entries.



Expandable Framework: The pipeline supports 28+ categories (e.g., Escalator Anomaly, Signage Missing) without any code changes.

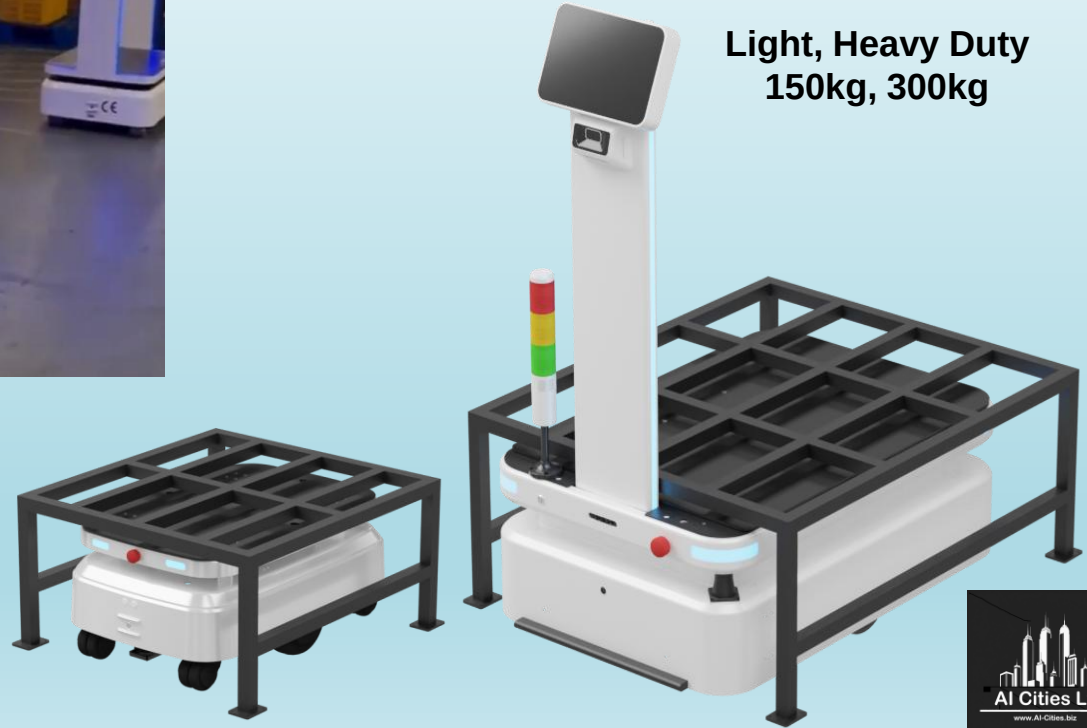


Logistics / Warehouse

Galaxy Hotel, Macau
Model D, Delivery



Light, Heavy Duty
150kg, 300kg

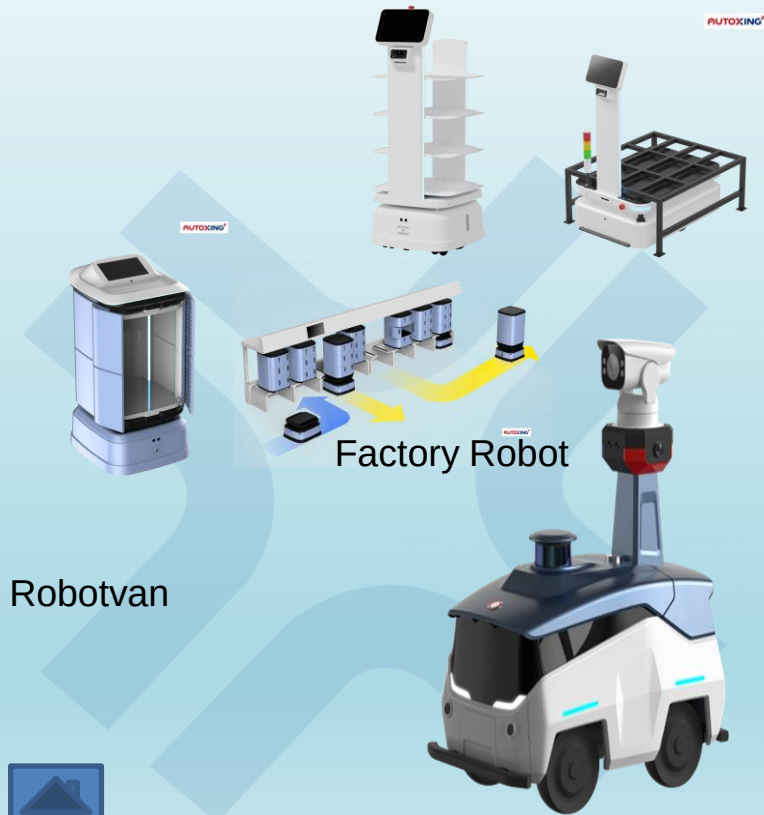


Warehouse and Surveillance (car park, backyard, open space)



8.8 Industrial Robot & Unmanned Car/ Van

Partner Solution

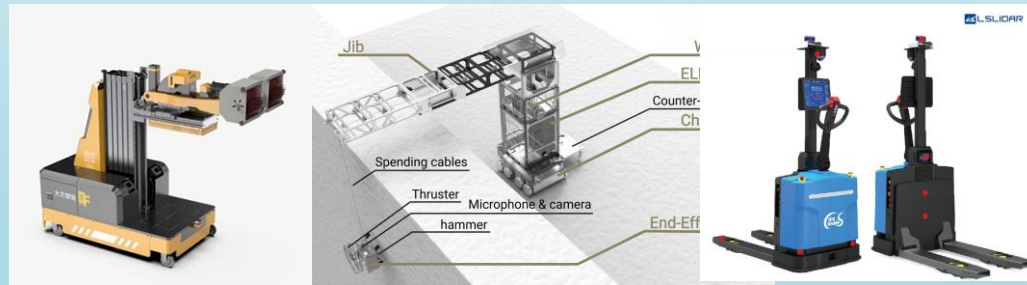


Smart Mobility - Autonomous Driving

LSLIDAR



Autonomous Driving and Industrial Lidar



Project sales and implementation



Smart Port & Warehouse with Lidar, IoT & Communication



8.12 Gate Management

Port/ Bridge Management

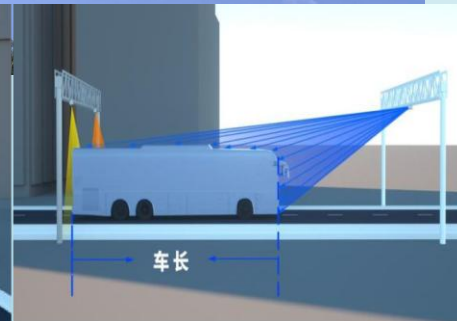
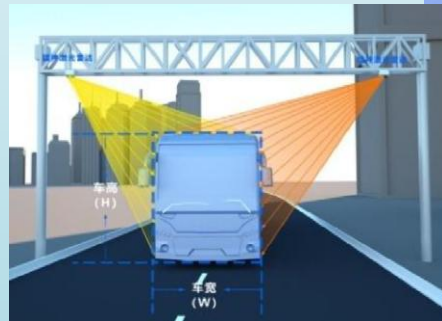


3D



Precise

Highway/ Gate Management



Day/ Night



CCEV Link



Reliable



8.13 Smart Port

Lidar and 5G IoT devices for real time monitoring, guidance, navigating, and security management. Partner Solution

Four Components

- Maneuvering System
- Container Control & Positioning
- Port Road Truck Communication
- 3D Safety Detection



8.8 Industrial Robot & Unmanned Car/ Van

Partner Solution

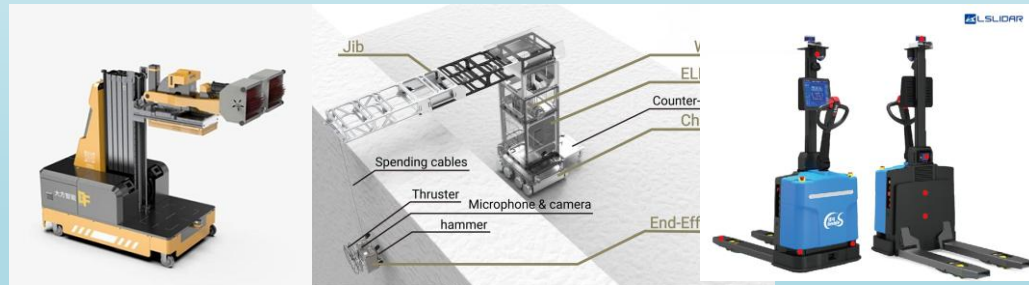


Robotvan
Factory Robot

Smart Mobility - Autonomous Driving



Autonomous Driving and Industrial Lidar



Plastering/ painting

Wall Inspection

Froklift

Project sales and implementation

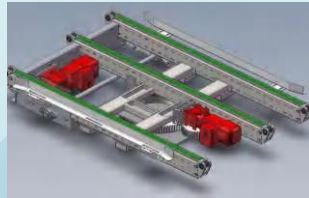


PRINCIPAL ACTIVITIES

- Business throughout the entire process of logistics automation projects from "pre-sales planning," "sales implementation," "production development," "after-sales operation and maintenance"

Smart Logistics Technology[Integrator]

Intelligent Logistics Equipment [Manufacturer]



Pre-Sales Consulting

- ✓ Planning Consulting
- ü Equipment Consulting
- ü System design
- ✓ Data analysis
- ✓ Overall planning
- ✓ Analogue simulation

Implementation of the sale

- ✓ Mechanical design
- ✓ Electrical design
- ✓ System debugging
- ✓ Field execution
- ✓ Turnkey project

Production development

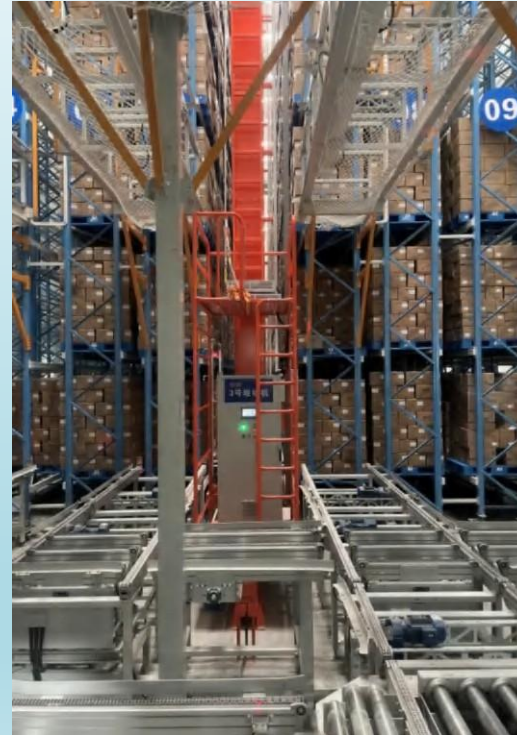
- ✓ Equipment production
- ✓ System development
- ✓ Non-standard customization
- ✓ Stand-alone sales

After-sales operation and maintenance

- ✓ Maintenance
- ✓ Operation and maintenance support
- ✓ Upgrading

Implementation

Project implementation



Complex Integration Solutions

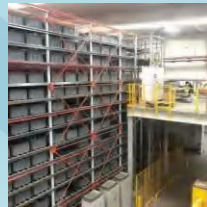
- ✓ **Customized design:** process analysis and data analysis of all materials, providing a complete set of solutions according to different characteristics of materials
- ✓ **Explain with data:** all material attributes, order timing, process flow, equipment selection, investment income are from real business data
- ✓ **High economy:** do not blindly pursue full automation and unmanned, provide the most economical and practical solution
- ✓ **Scalability:** The solution design takes into account the scalability of future business growth
- ✓ **The only purpose:** reduce costs and increase efficiency



Automatic Access of Small and Fast Flow Parts



Manual Operation of Small Slow Flow Parts



Air operations



Intensive storage of large stock materials



Air transfer



AGV ground transfer



Service 9

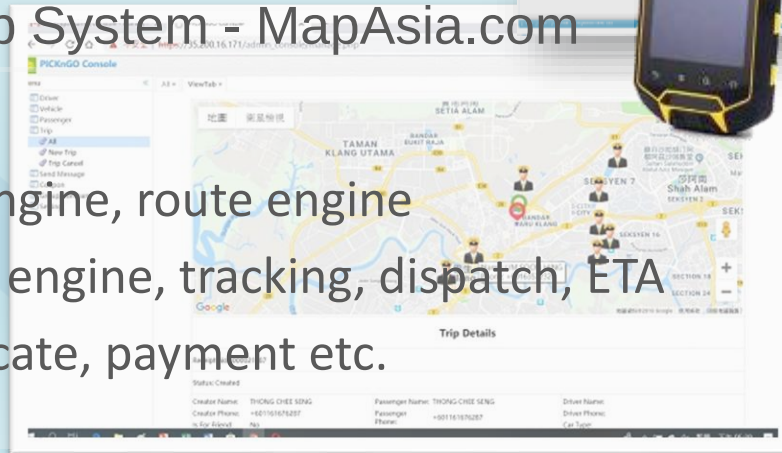
Platform Services – Country Partner/ User

Platform Systems

- Intelligent Traffic Information System
- Call Car System - HygieneTaxi.com
- Fleet Management System
- High Definition Map System - MapAsia.com

Engines

- 3D map engine, route engine
- Web Map engine, tracking, dispatch, ETA
- communicate, payment etc.



Service 10

Platform Services - Big Data & Artificial Intelligence



- Award winning technology of MapKing & Partners
- MapKing invest & R&D in
 - Fleet Management Platform
 - e-Hailing Platform, Connected Navigation Telematics
 - Artificial Intelligence & Big Data
 - ITIS Integration & Traffic Information



Service 11

Artificial Intelligence / Big Data Services

3D City, Building & Heritage Sectors

- Lidar, Road & StreetView Expert, Full Drone Licenses
- AI (Artificial Intelligence) Analysis
- High Definition Map - MapAsia.com platform

Related Projects

- AI for Heritage monitoring – HK Government
- HD Map for autonomous driving – HK Public Body
- **Guinness World Record @ Ocean Park, HK, 2022**



Explore to serve you

Everyday, millions of travellers, drivers, delivery parcels enjoy the services of MapKing via our direct clients or partners in Hong Kong, Macau, Singapore ...

we want to serve / partner with you in

- **City Brain Platform**
- **Connected Vehicles Platform (GPS, w CCTV, Call car/ Fleet Mgt)**
- **ITIS (Intelligent Traffic Information System)**
- **5 Star hotels Smart Hotel/ Mall Design**
- **Industrial AI Services**
- **Robot Distribution**
- **Other Tech – Map (GIS), Drone, Satellite, Warehouse, Port etc..**





- New Trend...Challenges ...
- Looking for Partners ...
 - Reseller
 - Project Partner
 - Local Services
- Welcome to talk
- [Contact: info@ai-cities.biz](mailto:info@ai-cities.biz)
- Stanley.Ng@mapking.com

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