MapKing
Smart City & Fleet Management

HK Government Short Presentation

(Version .1.1)

Stanley Ng, Founder & CEO

Anthony Lo (GM), Ada, Max

Sales@MapKing.com

November 2020

Copy right reserved @MapKing 2020

Hong Kong . Singapore . Malaysia . Taiwan . China . Cambodia

Agenda

- MapKing Briefing
- MapKing Connected Car Platform
- GPS Fleet Management
- Content Services & MapAsia-aaS
- Smart City Services

1. ITS – Intelligent Transport
2. Connected Car Platform
3. GPS Fleet Management
4. Call Car & HygieneTaxi.com
5. Map, Content & GIS/QGIS
6. City, Mall & Hotel Planning
7. AI & Big Data
8. Engines & Platforms

Agenda

- MapKing Briefing
- MapKing Connected Car Platform
- GPS Fleet Management
- Content Services & MapAsia-aaS
- Smart City Services

1. ITS – Intelligent Transport
2. Connected Car Platform
3. GPS Fleet Management
4. Call Car & HygieneTaxi.com
5. Map, Content & GIS/QGIS
6. City, Mall & Hotel Planning
7. AI & Big Data
8. Engines & Platforms

MAPKING

The leading provider of live and static map & content, fleet management, mobility, intelligent traffic and smart city solutions @Asia

Hong Kong, Singapore, Malaysia, China, Macao, Cambodia

We serve Apple, Google, Tencent, Precisely (MapInfo), Kuala Lumpur ITIS, world top logistics, transportation and telecom companies and taxis in Singapore, Malaysia, Hong Kong & several Asia cities …

Award/ Achievement

- ✓Joint Venture eTaxi – Hong Kong Smart Mobility Award Merit Award 2020
- ✓Client Driving Behavior Monitor APP - Best Smart Hong Kong Grand Award 2017
- ✓Best Smart Hong Kong Bronze Award (Public Sector Info) 2016
- ✓DataOne Award, Hong Kong, 2014, 2015
- ✓ICT Award Best Mobile App (mobile infotainment), HK 2013
- ✓Intel IVI (In Vehicle Infotainment) showcase, China, 2010
- ✓Connected Car Pjt StimoCC (HTAS, Dutch), 2010
- ✓Innovative Developer Award, HK, 2008, Best Software Nomination, USA, 2006
- ✓Pioneer Adopter, SLA Singapore, 2010 Singapore Image Project, IDA, 2009

Core Services

Map & Content Licensing

Smart City Solutions

Fleet Management

Intelligent Transport Service & Navigation

Mobile M'gnt APP WebMap

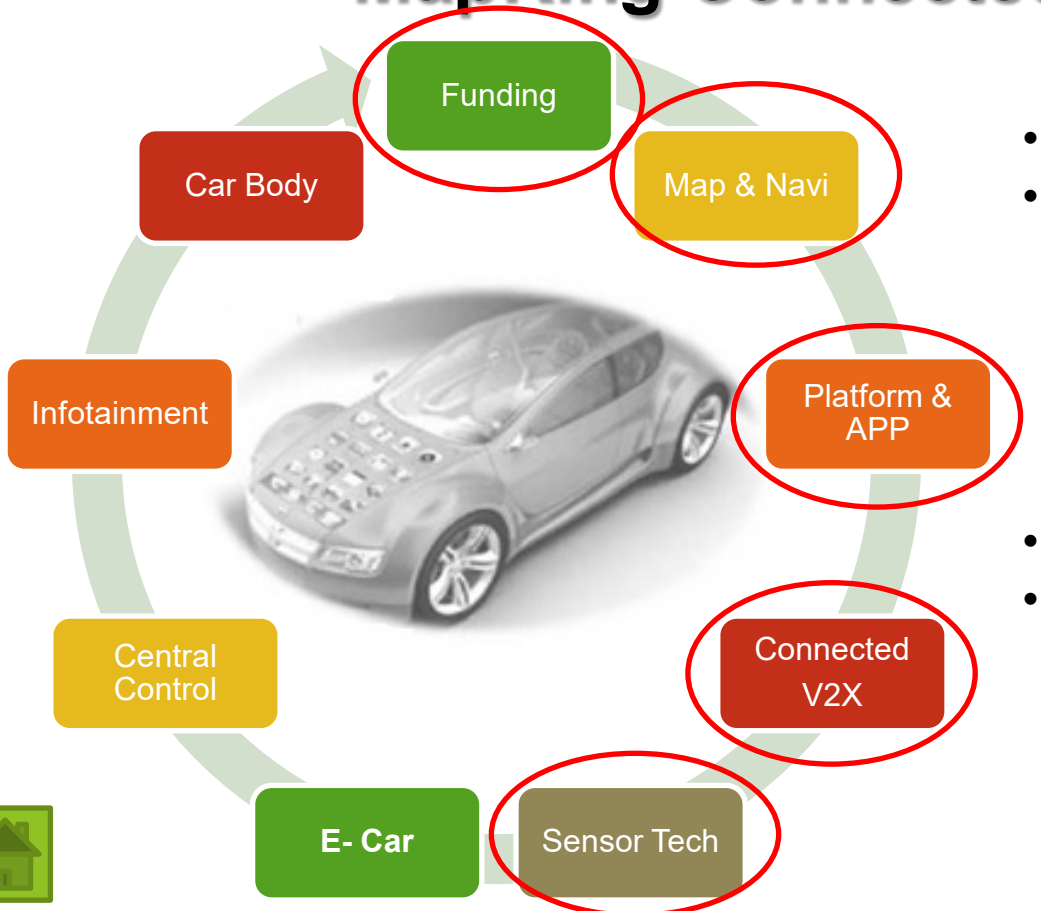
Mobility Big Data & AI

Agenda

- MapKing Briefing
- **MapKing Connected Car Platform**
- GPS Fleet Management
- Content Services & MapAsia-aaS
- Smart City Services

1. ITS – Intelligent Transport
2. Connected Car Platform
3. GPS Fleet Management
4. Call Car & HygieneTaxi.com
5. Map, Content & GIS/QGIS
6. City, Mall & Hotel Planning
7. AI & Big Data
8. Engines & Platforms

MapKing Connected Car Business



- Supply Map & Content
- Platform
  - IT IS Platform
  - Fleet Management Platform
  - Mobility Platform & APP (MY + HK + SG+ Ca ++)
- Connected Car Projects
- APAC Fund (HK/CN/ ASIA)

Product Group 1

MapKing Connected Car Platform

- Call Car
  - Share Ride
- Navigation & Web Map
  - ITIS
    Intelligent Transport Information System
- Transit & Live Traffic
  - On Demand Service
- GPS Fleet Management
  - Safety Monitor…

Product 1,2

ITIS Intelligent Traffic, Navigation and Artificial Intelligence

MapKing Awarded ITIS solutions serve Singapore, Malaysia, Hong Kong & China clients

Product 1

MapKing ITIS & MapAsia WebMap

Data Source

Government / Partners / Driver Share / MapKing Artificial Intelligence

MapKing - Integrator & Service Provider

- Web map link to MapKing ITIS cloud server (Google/ amazon cloud)
- Live speed map
- Roadworks
- Traffic CCTV
- Variable Traffic Message signboard info

For Immediate Release 新聞公告

2020.3.19, Hong Kong 香港

MapKing 与腾讯在

香港澳门实时交通数据服务達成

MapKing（MapKing International Limited, www.MapKing.com）与

香港澳门实时交通数据服务達成合作协议，合約由 MapKing 的

Business Intelligence Limited 与腾讯大地通途（北京）科技有

腾讯控股(0700.HK)的子公司）签署。

MapKing 为以香港为总部，服务于亚太区域的智慧 市服

系列领先的智能网联出行服务，在香港澳门有

联网，车队管理，及实时交通信息服

持下一代的出行服务。

MapKing announced partnership with Tencent in Live Traffic Message Services in Hong Kong and Macau Region

MARCH 30, 2020 BY GISUSER

8

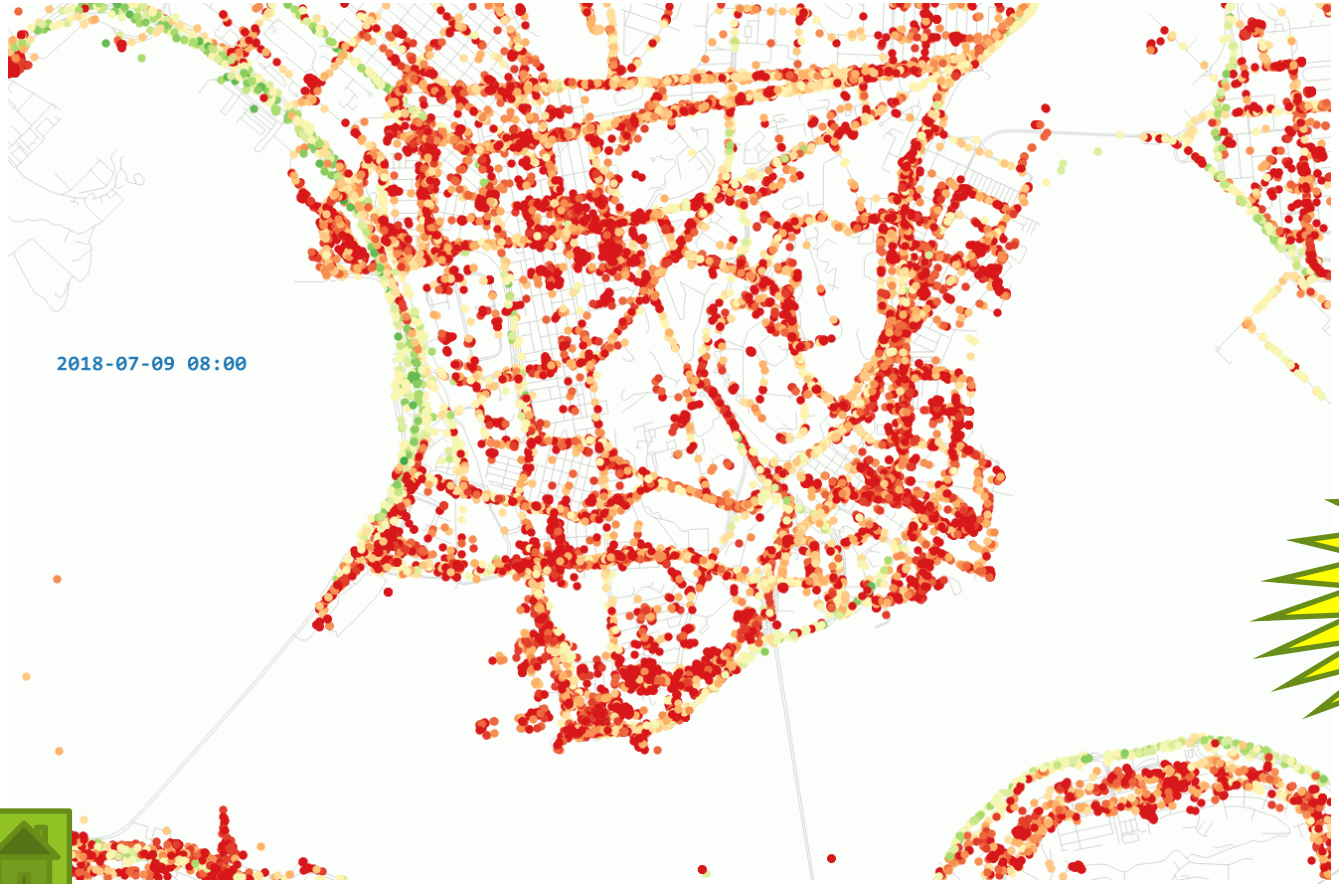
international Limited, www.MapKing.com)announced
the Live Traffic Services Division of Tencent (Tencent Inc.
traffic information services in Hong Kong and Macau Region.
was signed by subsidiaries腾讯大地通途（北京）科技有限公司
Asia Business Intelligence Limited, Hong Kong.

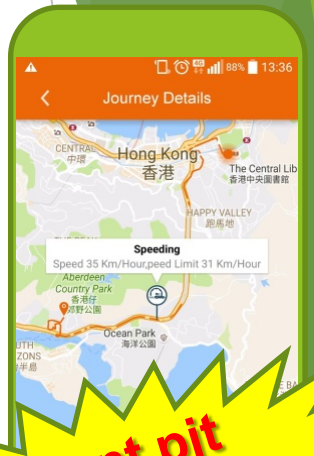
Tencent, the giant internet company, grows with momentum and their integrated connected car services cover leading live traffic information service that provide navigation guidance to drivers in major regions in China.

Tencent MapKing Partnership 2020

ITIS Project

MAPKING i - City





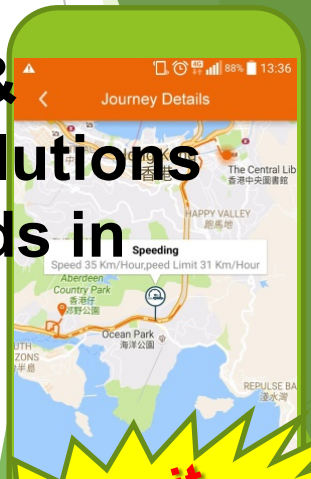
Client pjt
FWD HKICT
Grand Award
2017

Product 2

Connected Cars - Navigation

A leading Navigation system in Pan Asia

MapKing's AI & intelligence solutions won 10+ Awards in 2020, 2017, 2016, 2013 …



Client pjt
FWD HKICT Grand Award 2017

Connected Transit
Best Smart Hong Kong Award/ ICT Award 2016

- Taxi, Singapore

- DBKL ITIS, Malaysia
  - Variable message signboard
  - Traffic Speed Map
  - Traffic Camera
  - Roadwork Update

Product 3

Call Car Platform

- HygieneTaxi.com 2020

- Hong Kong eTaxi– HK Taxi Council
  + Singapore, Macao, Malaysia & Others
- GoAsia 2020/21
- APP and non APP platforms

抗疫
eTaxi
抗疫的士
抗疫的
香港的士業議會全力支持
的士 TAXI
「認證 抗疫的士」計劃
*提供司機之
病毒檢測日期

組織認證車隊—第一階段

「抗疫車隊」標準項目

- 車廂經光觸媒、水觸媒等消毒並裝有空氣消毒裝置或淨化裝置
- 車廂內提供酒精搓手液予乘客使用
- 司機在接載期間必須戴上口罩直至乘客下車
- 透過後台數據庫資料追蹤乘客、司機新型冠狀病毒接觸史
- 盡量使用電子支付收取車資，減少與乘客有媒介接觸
- 日後會因應疫情不時修訂最新標準

Agenda

- MapKing Briefing
- MapKing Connected Car Platform
- **GPS Fleet Management**
- Content Services & MapAsia-aaS
- Smart City Services

1. ITS – Intelligent Transport
2. Connected Car Platform
3. GPS Fleet Management
4. Call Car & HygieneTaxi.com
5. Map, Content & GIS/QGIS
6. City, Mall & Hotel Planning
7. AI & Big Data
8. Engines & Platforms

Fleet Monitor & Management

We provide DVR (CCTV), GPS, smart card management system to fleets.

Product 4

GPS Fleet management

MapKing GPS Fleet Management & Dispatching System

- ✓SmartCard driver management
- ✓Dispatching solution use tablet
- ✓General Fleet Management system with hardware
- ✓Integrate with MapKing live traffic cloud server as one of data source
- ✓Or local fleet management system provide live data feed

Product 4.1

Tracking – DVR (CCTV Live)

MAPKING i - City

Smart Parts

(only for illustration, ask for sensor details)

Car Camera Recorder

Thermometer

Smart Card

OBD-II Connector

Some clients

Hong Kong

- S. F. Express 順丰物流
- World Leading Couriers
- ChinaLink coach 中港通大巴
- MiniBus
- Coach & Travel
- Telecom
- Logistics, Engineering
- Taxis

Macau

- CTM Telecom 澳門電訊
- Casinos
- Hotels
- Government
- Tour Services

Saudi Arabia

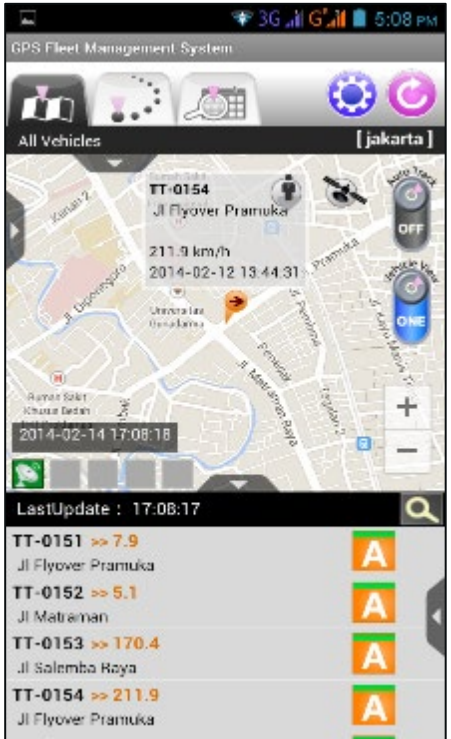
- Makkah City Bus

MAPKING i - City

App UI - Real-time Tracking

Vehicle List View

Map & List View (Single vehicle)



Map & List View (All vehicles)

Subscription Fleet Management

1. **Basic GPS Fleet Management**
    1. Basic tracker box, GPS, (optional other sensors and APPs purchase)
    2. Web and APP admin, black box and play back functions, data plan
    3. Subscription: about HK$200 per car month + installation + 12 to 36 months contract
2. **DVR (Live CCTV) Fleet Management**
    1. Professional DVR system (purchase and negotiable for subscription)
    2. Professional DVR system + professional GPS modem box for multiple I/O control
    3. Include web and APP admin, black box and play back functions, data plan
    4. Purchase + installation + Subscription (24 to 36 months contract)
    5. Subscription only model or tender purchase negotiable

Agenda

- MapKing Briefing
- MapKing Connected Car Platform
- GPS Fleet Management
- **Content Services & MapAsia-aaS**
- Smart City Services

1. ITS – Intelligent Transport
2. Connected Car Platform
3. GPS Fleet Management
4. Call Car & HygieneTaxi.com
5. Map, Content & GIS/QGIS
6. City, Mall & Hotel Planning
7. AI & Big Data
8. Engines & Platforms

Content Services

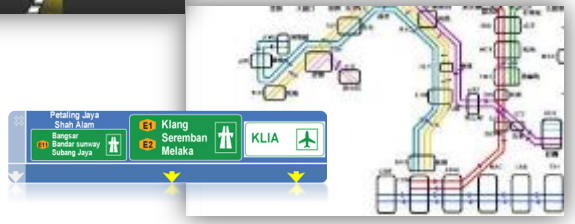
MapAsia.com

Clients: Apple, Google, Tencent, MapInfo (Precisely) etc
Model: licensing, live services and Map-aaS
MapAsia.com is a MapKing company.

Product 5

MapKing MapAsia.com Content

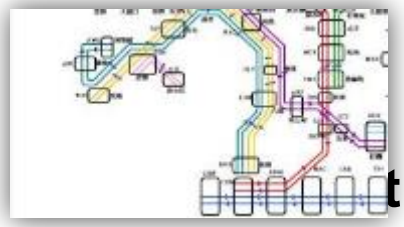
Rich & Live Content



Google 360°

Product 5

MapKing Content and Cloud service



Static Data

- True 3 D City Model
- 2D Street Network
- 3D Building Polygon & Landmark
- Navigation Elements
- Public Transit
- Yellow Page/ Dining Content
- Walking map, floor plan
- Panoramic (in door & Street View)

Live Data

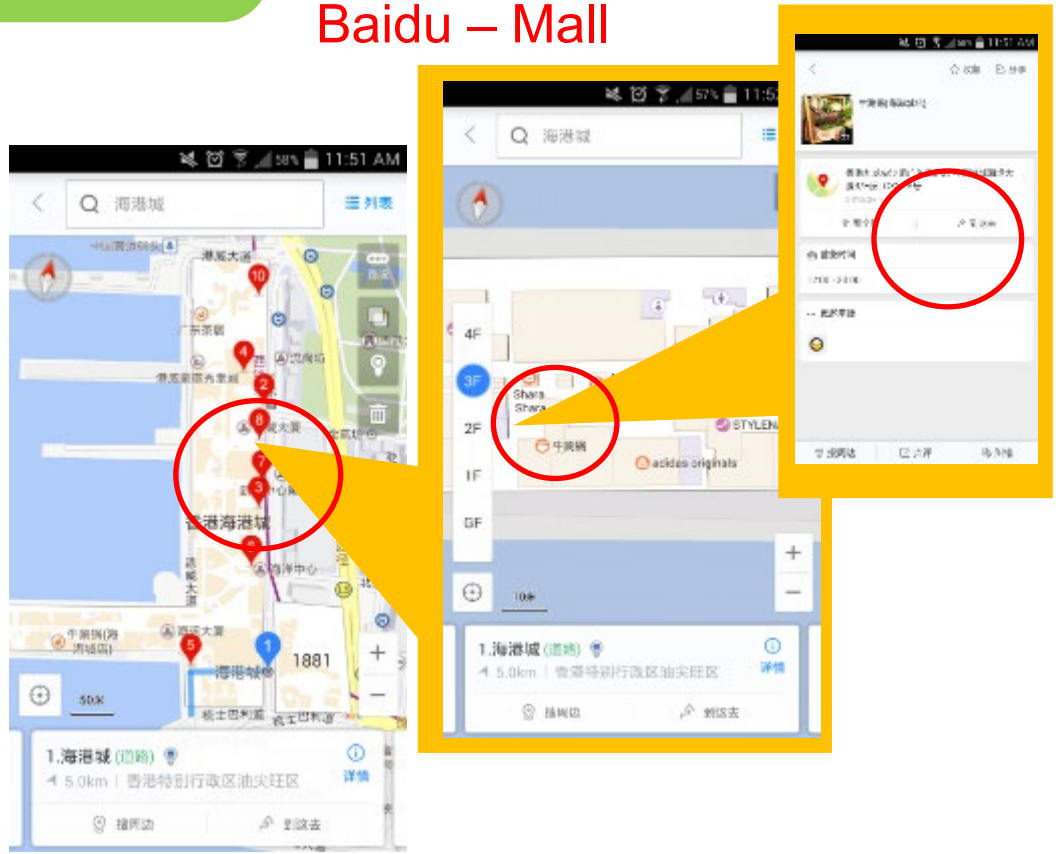
- Live Traffic CCTV
- Government or partner
- Traffic text from partner
- Radio, content partners
- Driver contribute content
- Traffic text from MapKing
- MapKing speed map

Traffic Radio

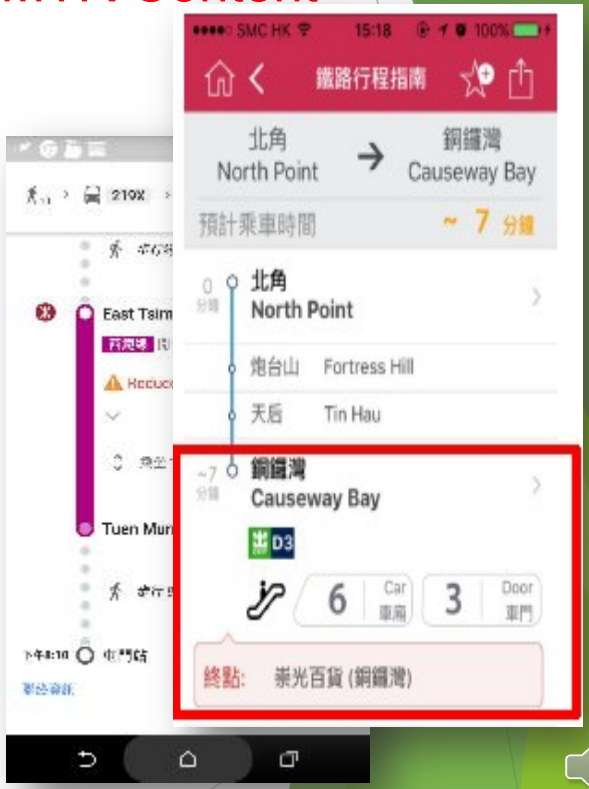
Product 5.2

MapKing Content and Cloud service

Baidu – Mall



MTR Content +



Agenda

- MapKing Briefing
- MapKing Connected Car Platform
- GPS Fleet Management
- Content Services & MapAsia-aaS
- **Smart City Services**

1. ITS – Intelligent Transport
2. Connected Car Platform
3. GPS Fleet Management
4. Call Car & HygieneTaxi.com
5. Map, Content & GIS/QGIS
6. City, Mall & Hotel Planning
7. AI & Big Data
8. Engines & Platforms

Smart City Solutions

Product 6

Smart Planning & Design Services

Product 6.1

Intelligent Hotel and Shopping Mall

InnoArch i-building design & services

We partner with professionals in services, partner firm InnoArch is certified by 5 star hotel chains for China, Hong Kong & Asia markets, clients include government, and private sectors:-

- ✓ Marriott
- ✓ Inter Continental
- ✓ Crowne Plaza
- ✓ Mandarin Oriental
- ✓ Hyatt
- ✓ Fairmont etc

Product 6.1

World Class Hotels and Malls

Product 7

Big Data & Artificial Intelligence

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

Best Smart Hong Kong Award 最佳智慧香港獎

Bronze Award 銅獎

HONG KONG ICT AWARDS 2016

Product 8

Engines & Platforms

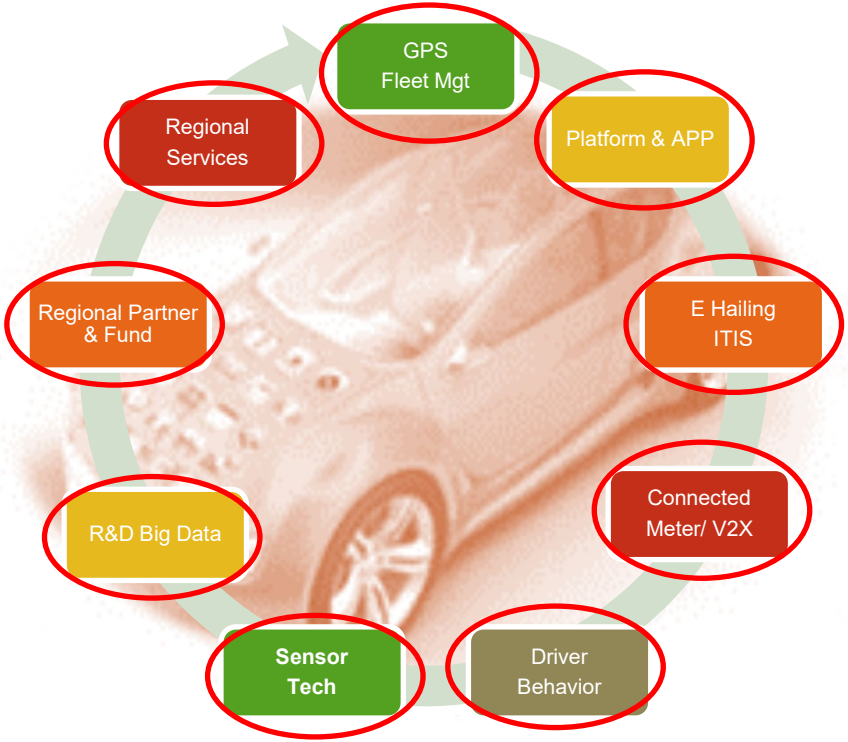
Engines

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

Platforms

- Call Car Platform - HygieneTaxi.com
- Fleet Management Platform
- MapAsia.com Map-aaS

MapKing …your Regional Partner



- GPS Feet Management
- Platform & APP
- E Hailing - Call Car Services
- ITIS Platform
- Connected Car Projects
- Driver Behavior
- Sensor Tech
- Central Control
- Regional Partner & Fund
- Regional Services

Thanks

Sales@MapKing.com

Confidential , MapKing International Limited . All rights reserved.