

The power of AI in enabling smart and sustainable living in Qatar and beyond



Dr. Hamid Menouar

Principal R&D and Innovation Lead
Qatar Mobility Innovations Center

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Core
Technologies

Internet of Things

Artificial Intelligence

Location Intelligence

Embedded Sensing

Market-
Focused

Data-Centric Platforms : *from data to smart applications & intelligence*

Domains

Intelligent Mobility

Smart Cities

Defense & Security

Selection of
our Solutions

Transport & Infrastructure



Road Safety



Events & Tourism



Smart Spaces



Environment & Energy



What is a Smart & Sustainable City?



Using ICT to optimize limited resources



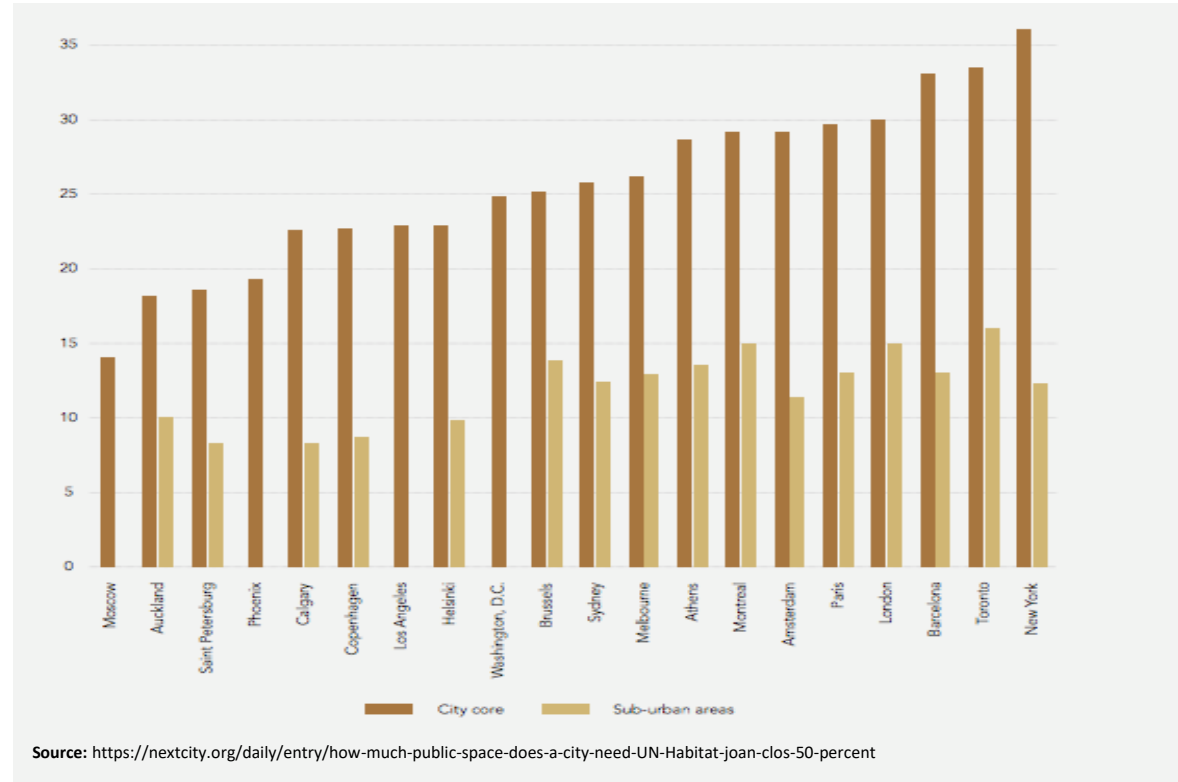
Limited Resources



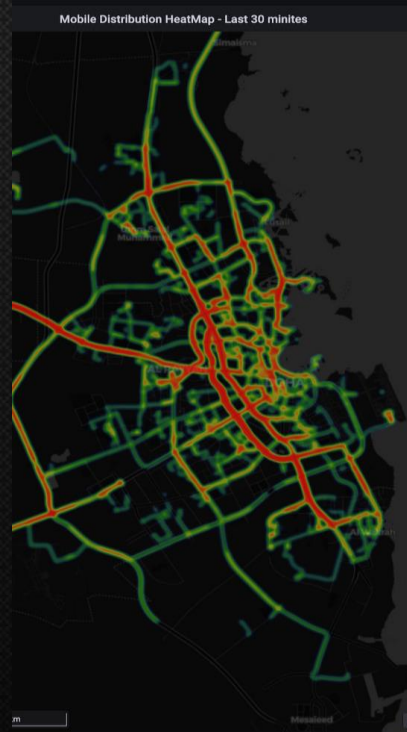
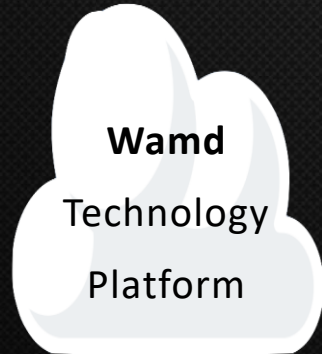
qmic

CITIES ARE DESIGNED FOR CARS

30-35%
Land used
for streets



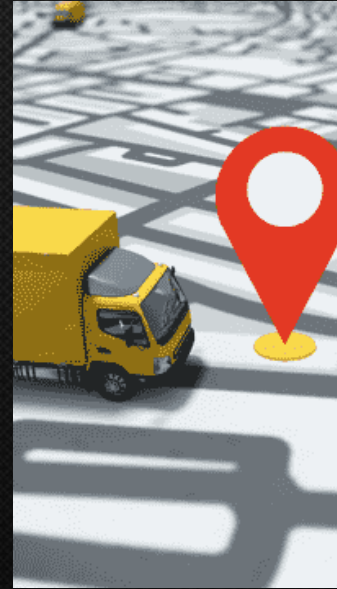
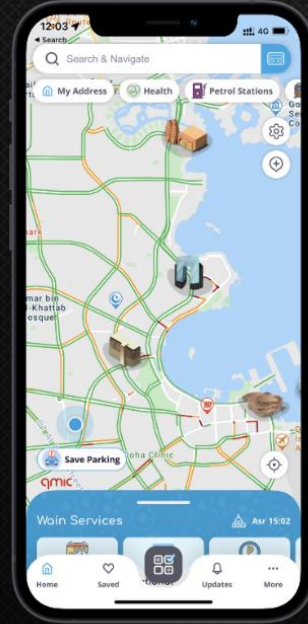
A Comprehensive National Traffic Data Platform, Services, Intelligence



End Users



Multiple Sources of Data

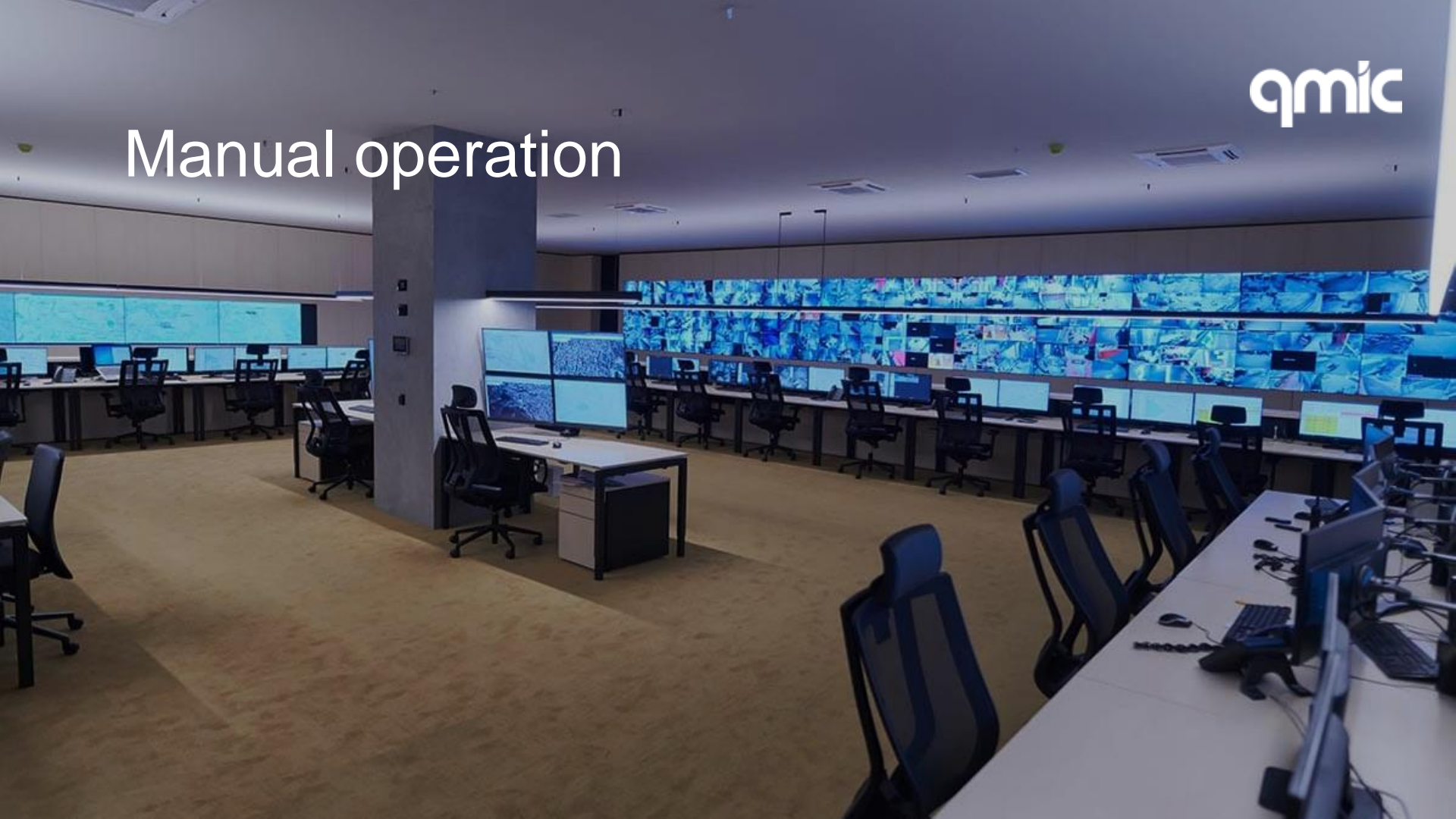


Over one billion CCTV cameras will be installed worldwide

According to IHS Markit's latest report



Manual operation

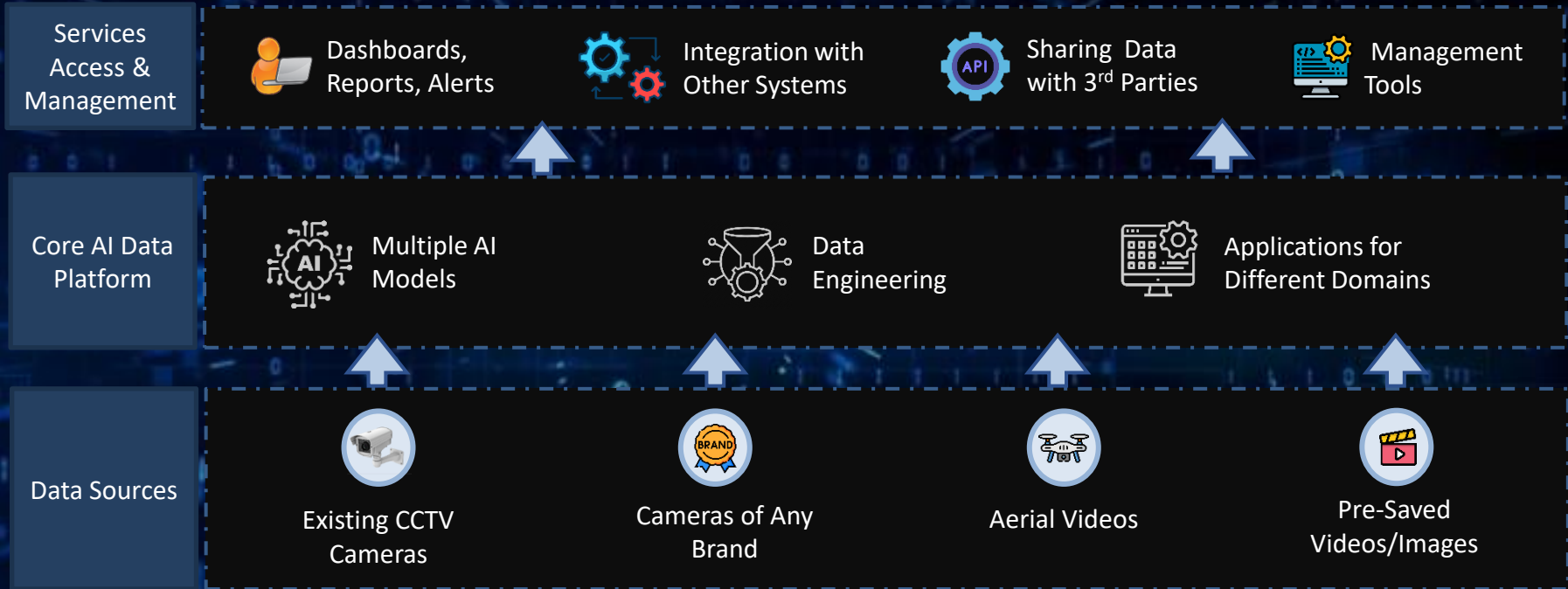


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FALCON-1

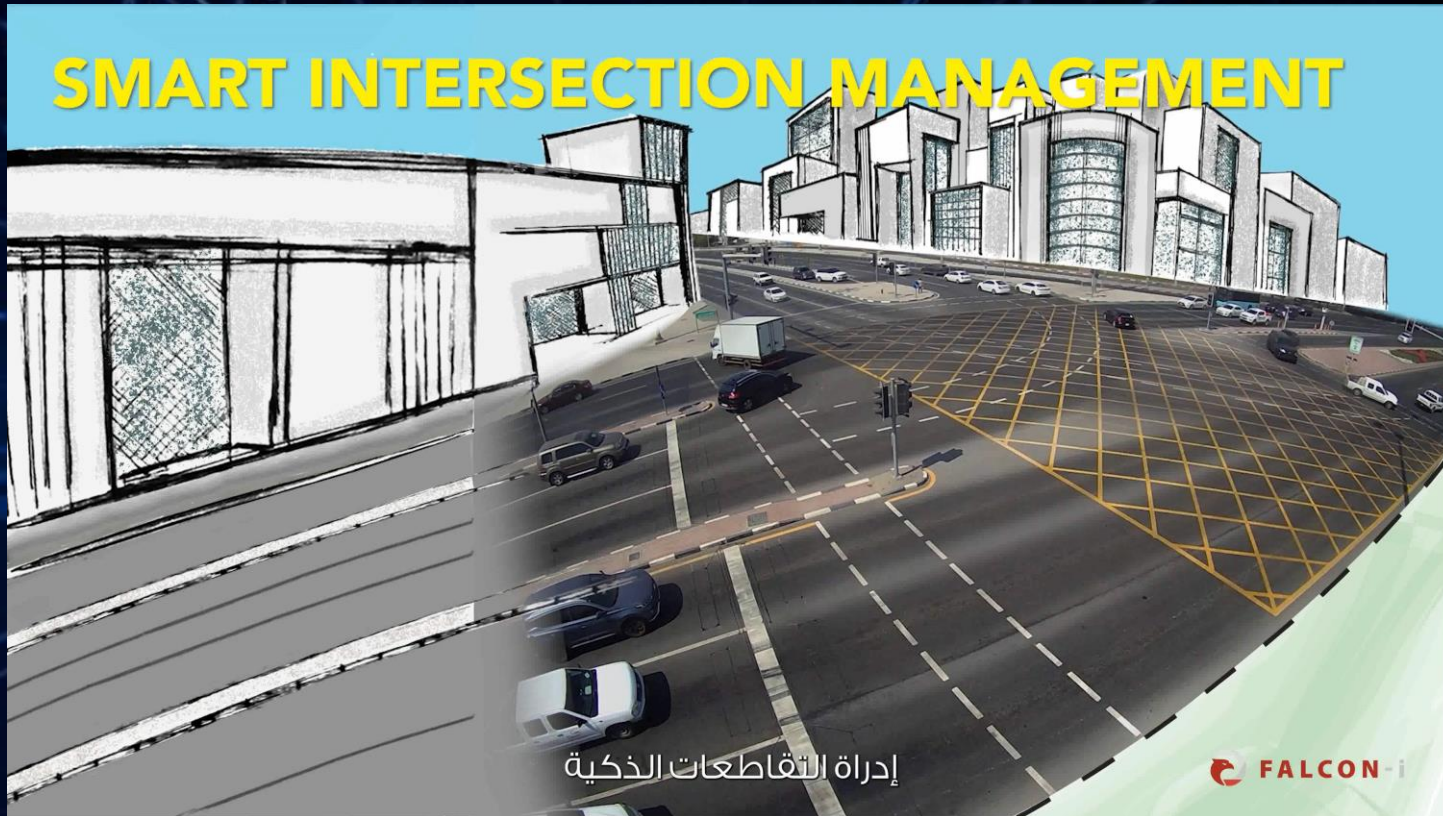
AI Video Analytics to Enable Smart Spaces



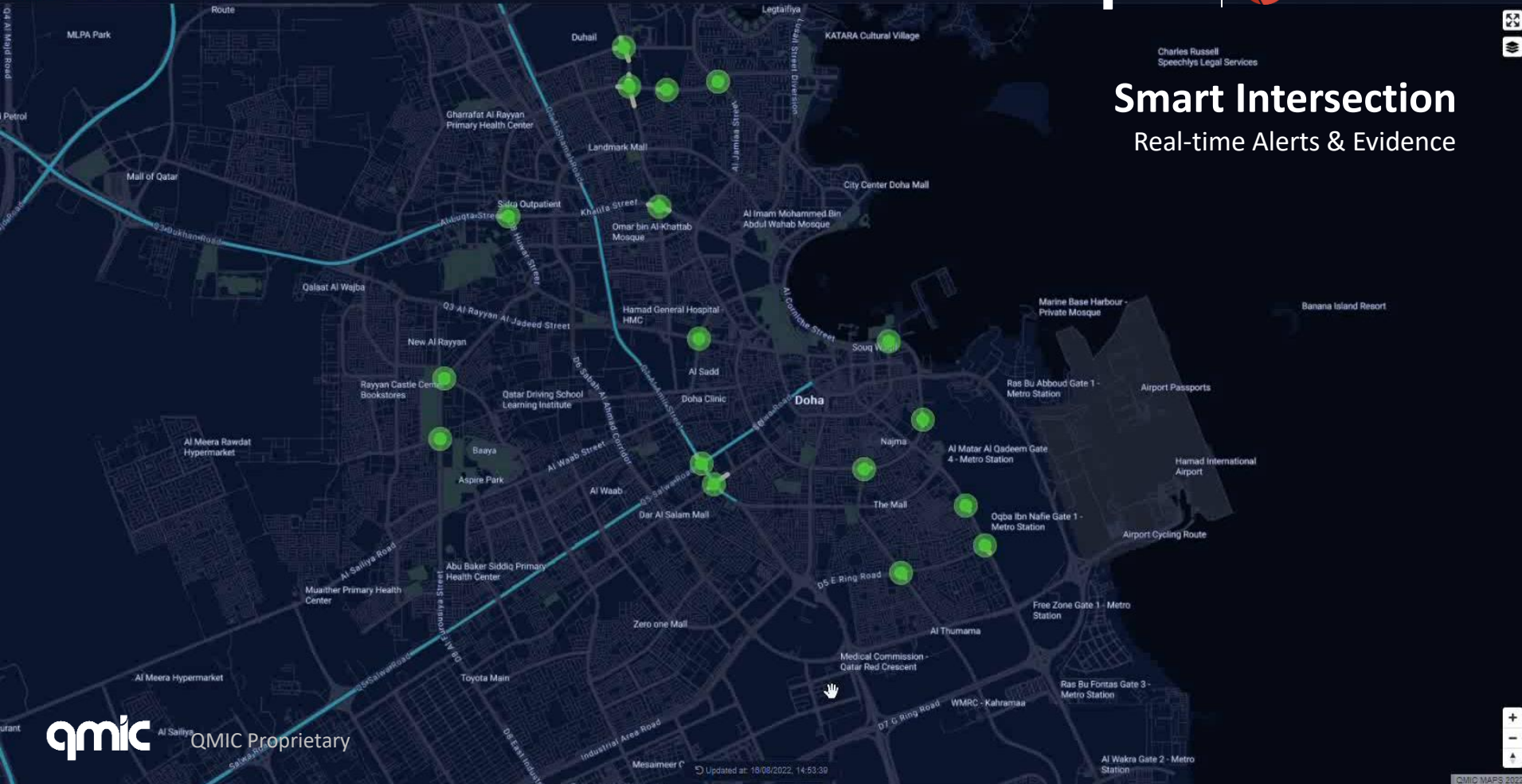
Smart Intersection

Real-time Alerts & Evidence

SMART INTERSECTION MANAGEMENT



إدارة التقاطعات الذكية



Charles Russell
Speechlys Legal Services

Smart Intersection

Real-time Alerts & Evidence

Traffic Queue Monitoring

Real-time Alerts & Evidence

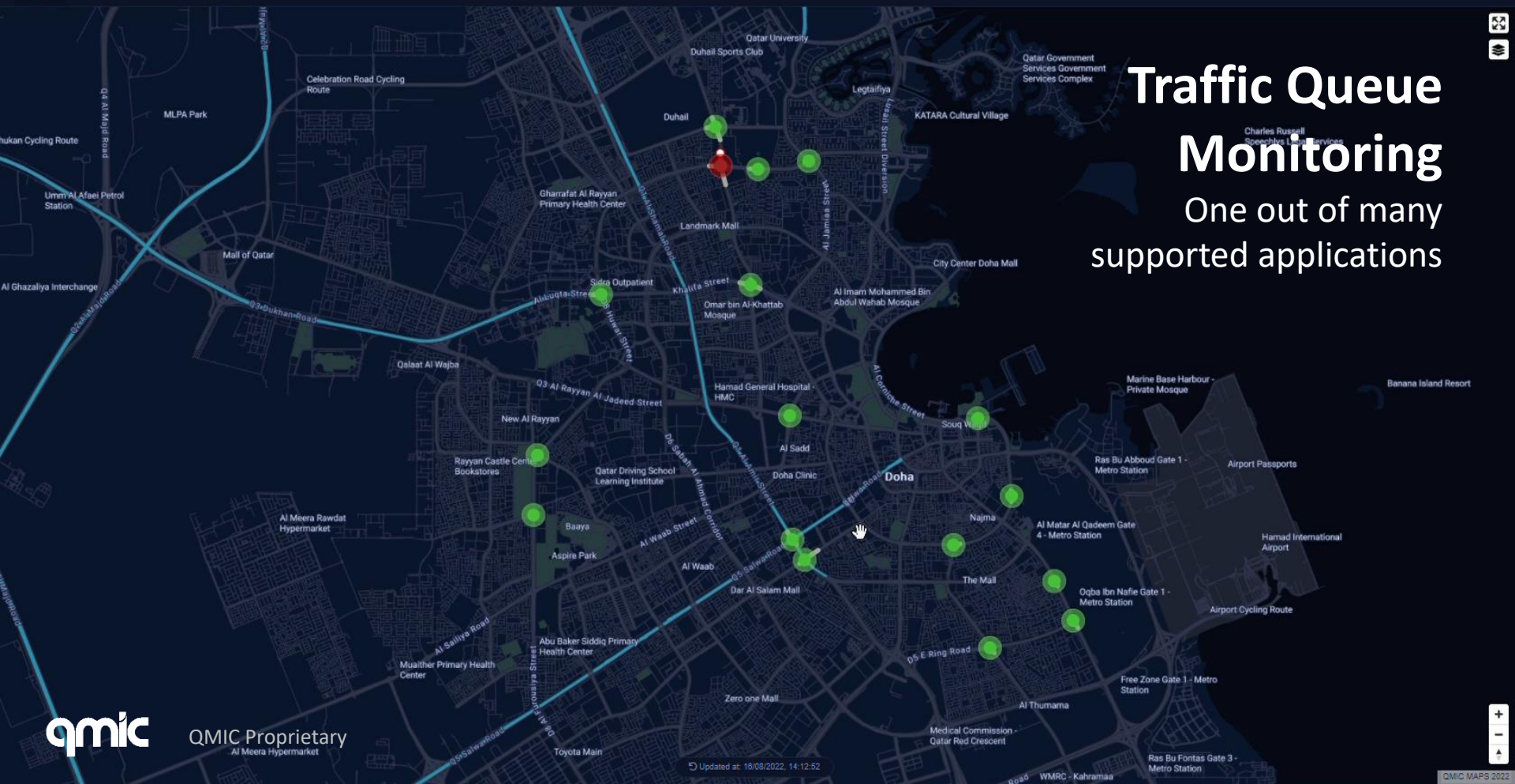


QUEUE LENGTH

Automating measurement of traffic congestion at intersections to ensure smooth traffic flow

مِسَافَةُ الازدحام

قياس طول الازدحام على التقاطعات بشكل تلقائي

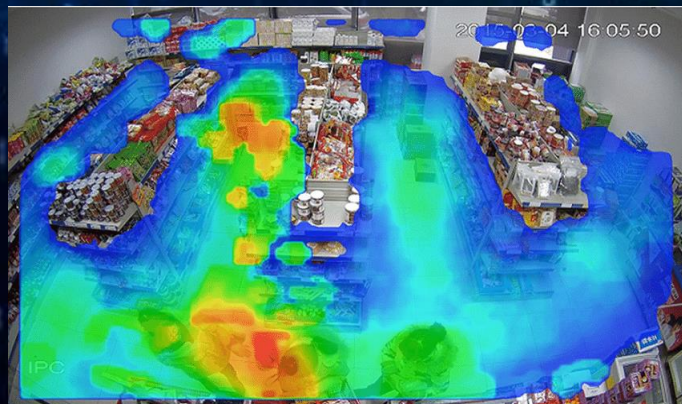


Traffic Queue Monitoring

One out of many supported applications

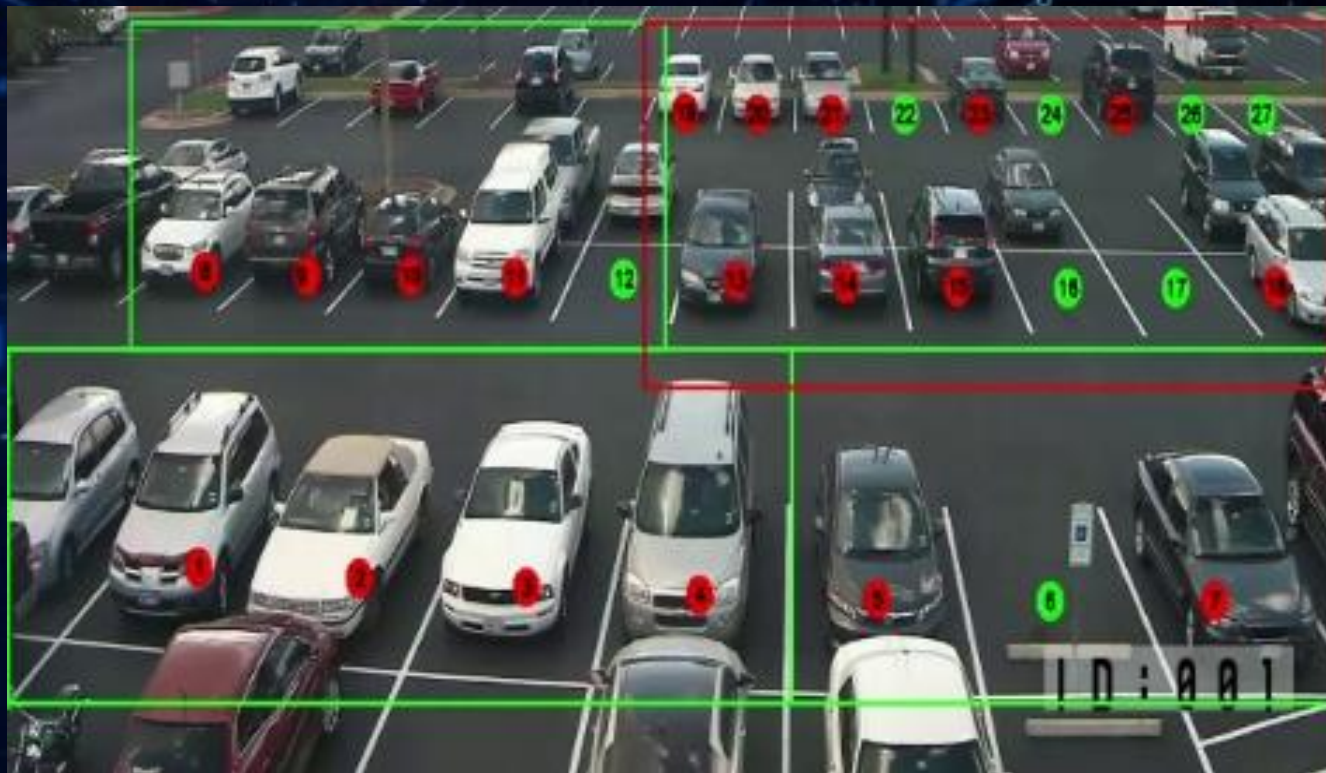
Objects Classification and Counting

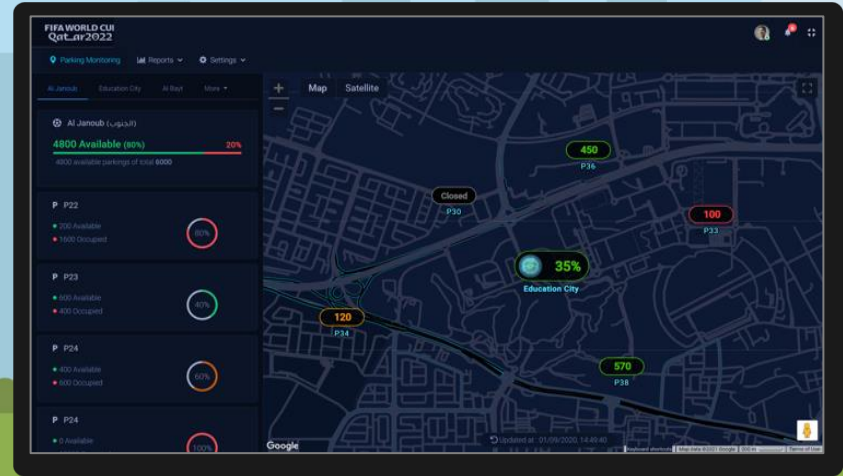
Reports and Analysis



Off-Street Parking Monitoring

Smart Parking Management System





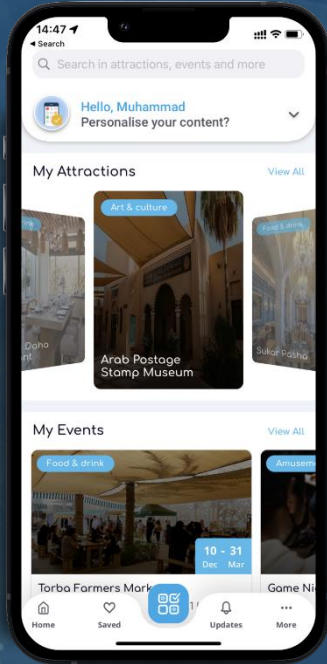
اللجنة العليا
للمشاريع والبروت
Supreme Committee
for Delivery & Legacy



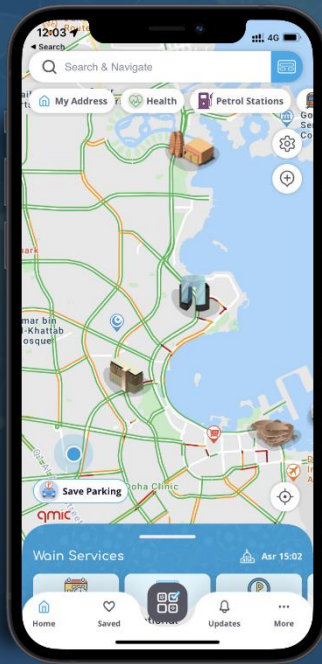


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Events & Touri



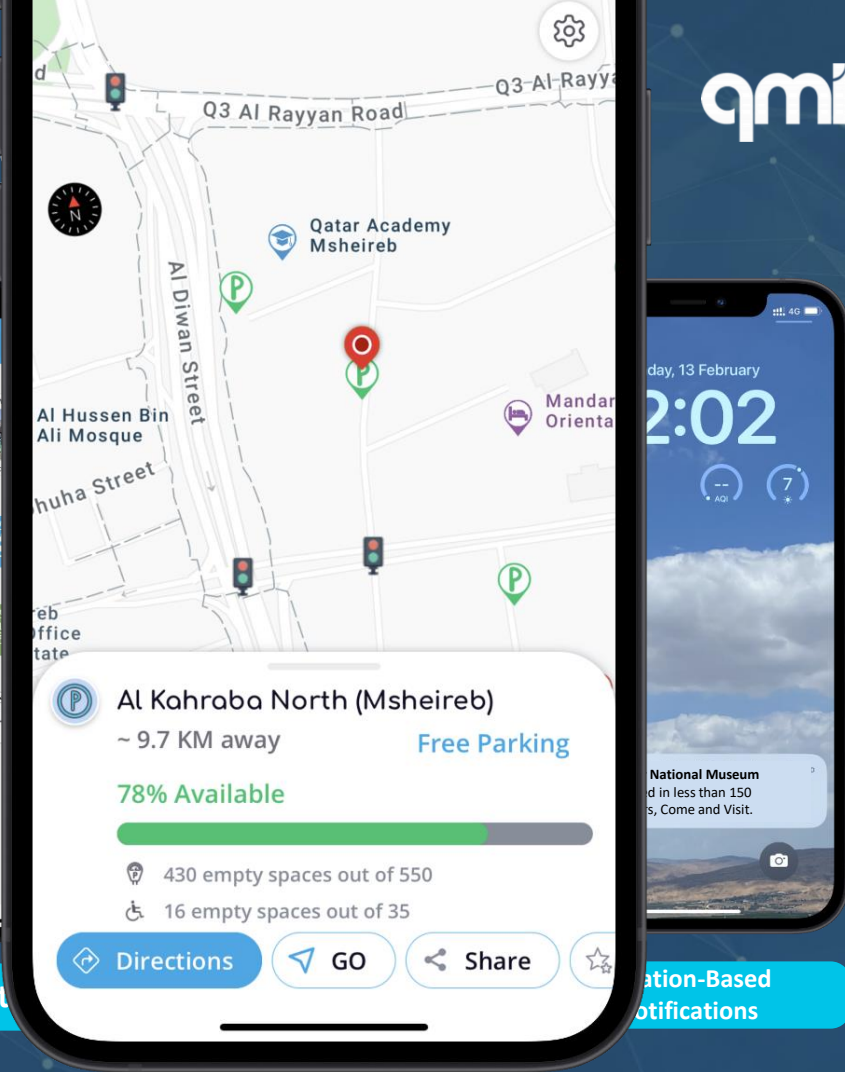
Personalization
QMIC Proprietary



Featured POIs



Events & At



Location-Based
Notifications

Takeaways



- AI & IoT play a key role in enabling smart & livable cities.
- AI & IoT are already being leveraged in Qatar and beyond.
- The future is about integration and automation.

in | SCAN & CONNECT



Thank you!

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