

# Moving beyond.

Siemens Mobility company presentation



## We are the most diversified and vertically integrated mobility company



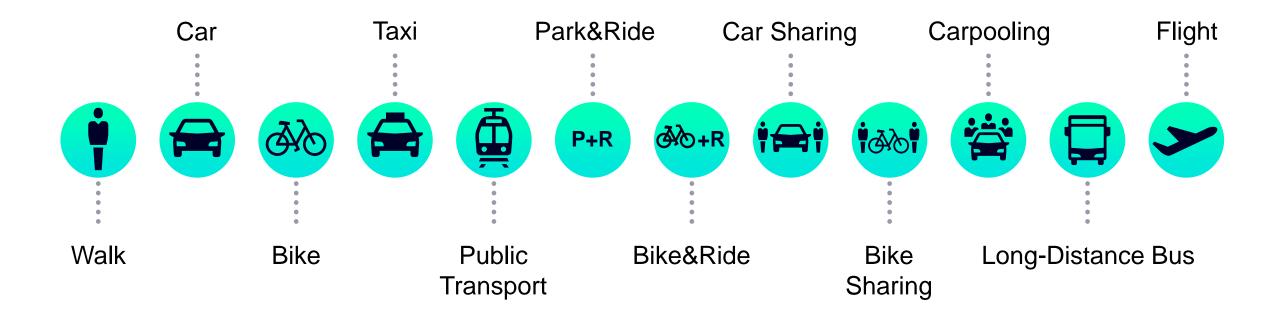




#### SIEMENS

Mobility as a Service (MaaS) – Mixed Mobility

### **Apps and Mobility Services**



**Open Modular Mobility Operating System** 



## Multimodal Trip Planning and Booking

### Denmark





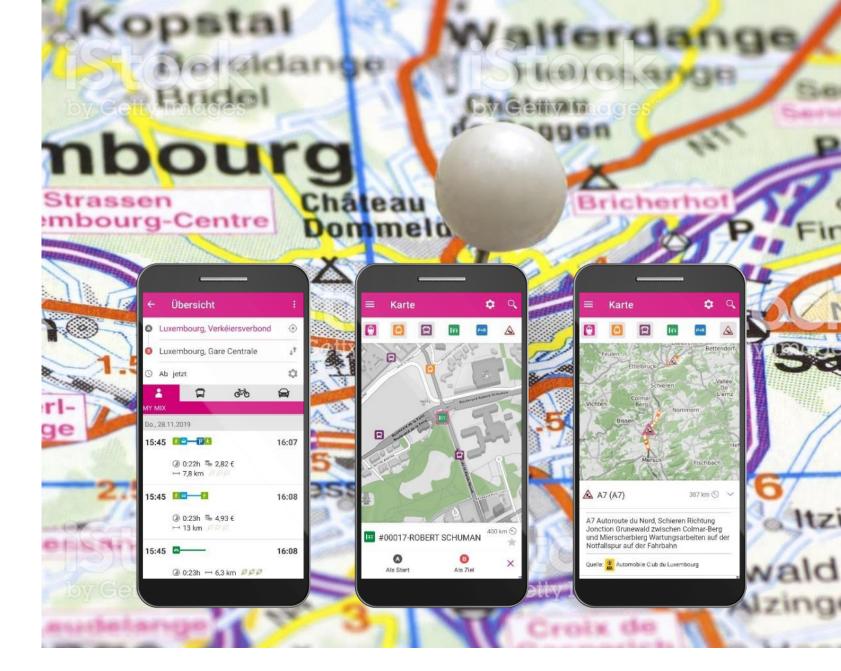




### Luxemburg

Multimodal transportation platform for an entire country

Verkéiers verbond



#### **SIEMENS**

### HAFAS Trip Planner

for the Bay Area and the Silicon Valley

samTrans

Bay Area Rapid Transit SCHEDULES Results Imap Option Apple Computer, Cupertir Uber San Francisco 5:59 MA P . 7:29 M @ 133 % \$11.00 5:59 AM 7:29 4 () 131 & \$11.00 Alternative trap succ 6:04 AM P C - C C (a) 1:41 % \$11.00 5:20 AM 📴 🛄 😁 🔂 8:19 AM (h 155 E.



### **Smart Ticketing for a Smart City**

Public and private modes







# **G Turnkey Projects**

### Riyadh Metro Project, Saudi Arabia

One of the world's biggest metro projects



#### **SIEMENS**

## YUNEX Traffic

A Siemens Business

## YUNEX Traffic

A Siemens Business

## 20+

Worldwide setup of countries with 3000+ employees globally

## 4k+

## 23k+

customers served worldwide, e.g. London, Vienna, Berlin, Seattle controllers delivered in the last three years<sup>1</sup>

### We deliver successful projects across the globe



**Tunnel and Highway** 

Israel

**Fast Lane** 

Singapore

Management

- Real-time, comprehensive view into traffic, as well as a tool to manage the transportation network as a whole
- 99+% guaranteed availability



 Intelligent algorithm, which calculates toll charge dynamically according to traffic density

- Integrated Traffic and Plant Management System
- Reduced travel time
- Increased Safety







- Real time traffic and strategy simulation for operator decision support
- Traffic and environmental data analytics
- Reduction of traffic-related emissions

- World's first Ultra Low Emission Zone through road user charging
- Lower congestion
- Improved air quality

- Connects traditionally separate traffic systems to allow better insight into traffic flow and impact of accidents
- Improved traffic and quality of life for residents and visitors.



### Wiesbaden, Germany

Reducing nitrogen oxide emissions with digitized traffic infrastructure

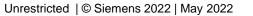




### Bogota, Colombia

New installation of the entire traffic management system – for around 10 million inhabitants





### SIEMENS

### London, UK

### The RTO (Real Time Optimizer) for a "City Mobility Operating System"

Providing the City of London with a real-time, comprehensive view into traffic, as well as a powerful tool to better manage the transportation network as a whole





### Seattle, USA

## Siemens "Center of Excellence" for intelligent traffic control

Sitraffic Concert connects traditionally separate traffic systems in and around Seattle to allow better insight into traffic flow, impact of accidents, and, ultimately, the ability to improve traffic and quality of life for residents and visitors

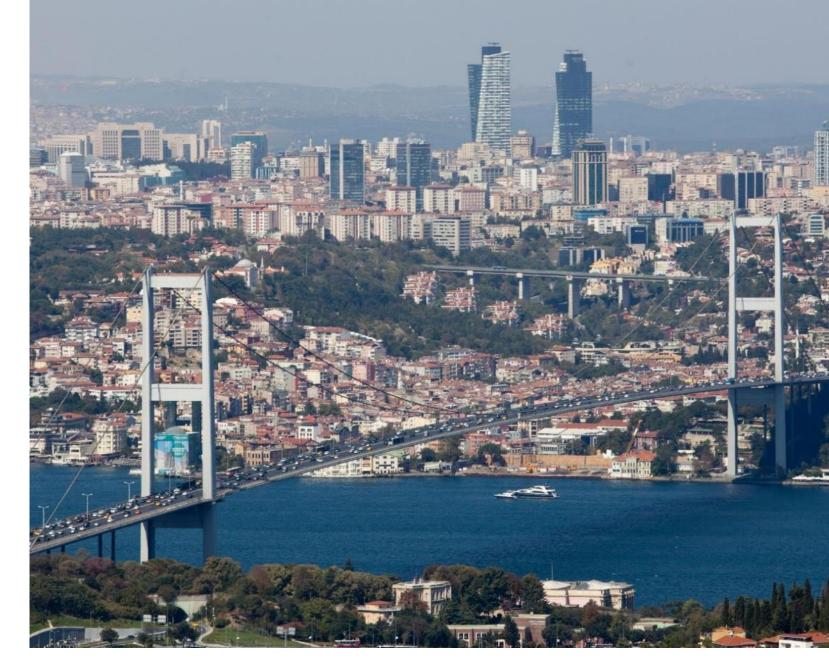




### Osman Gazi Bridge, Turkey

#### 64 meters above the sea

One special highlight at the heart of the 420 km-long freeway connection is the 3 km long hightech suspension bridge over the Gulf of Izmit. The six-lane bridge is part of a freeway project linking the cities of Istanbul and İzmir and cuts travel time in half





### Greater Manchester, UK

## Modernization and maintenance of light signals in Manchester

Long-term maintenance of traffic signaling equipment that goes beyond a standard 'response and fix' arrangement, ensuring minimum downtime of the customer's traffic equipment assets





### Flow Al Application

Traffic flow optimized by 4 percent using artificial intelligence





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