Connected Drivers & Real-Time Maps

Stephen T'Siobbel
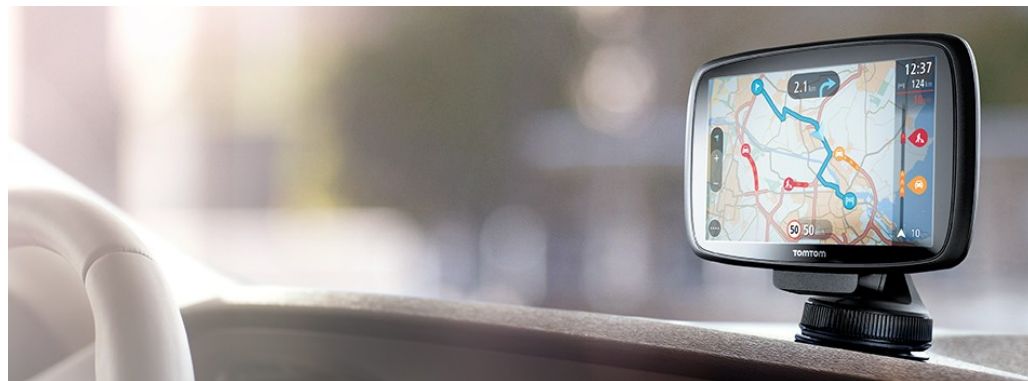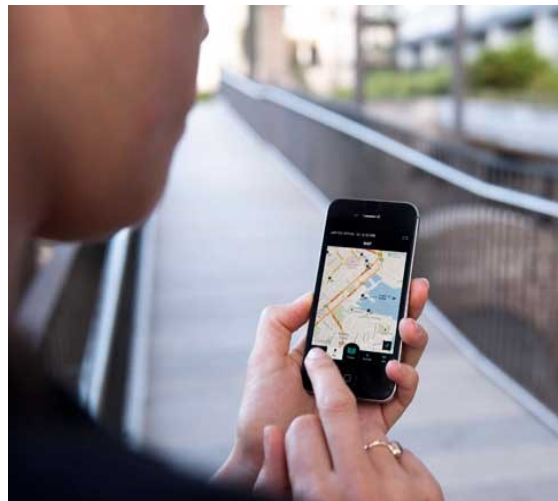Sr. Project Manager – TomTom Maps - Advanced Driving

YESTERDAY – THE NOT CONNECTED EXPERIENCE

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TODAY'S CONNECTED EXPERIENCE

EVERYTHING BECOMING CONNECTED

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THE FUTURE CONNECTED DRIVER EXPERIENCE
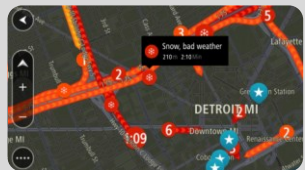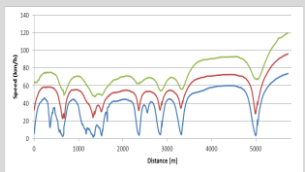
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CONNECTED CAR IS AN INTELLIGENT DATA HUB WITH SENSORS

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Real-Time Maps and the 'Closed Loop'

Sensor Derived Observation interface

- Speed Restrictions
- Lane information
- Geometry
- ...

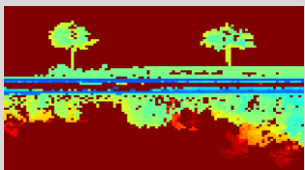Incremental Update Service

NDS
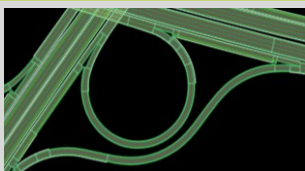
Real time Information Services

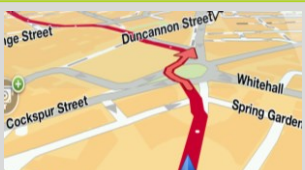Clustering & Data fusion

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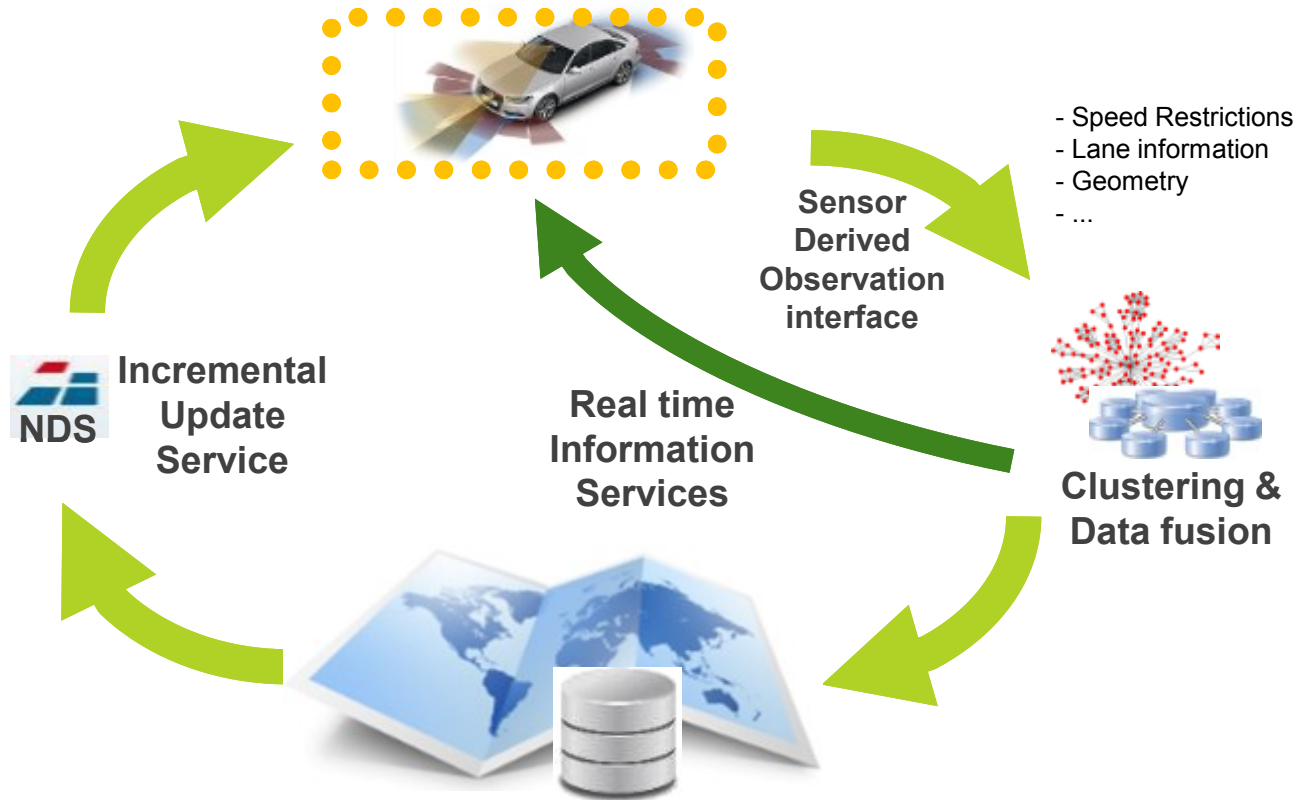
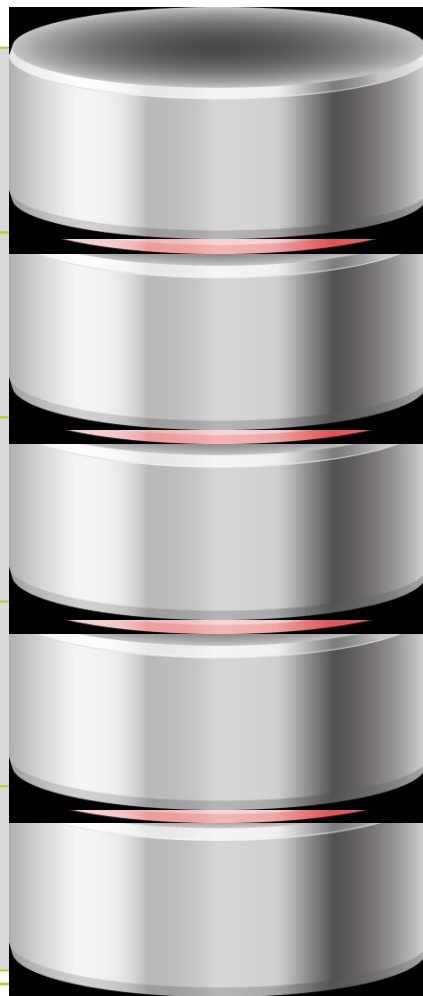Dynamic data

Behavioral data

Positioning data

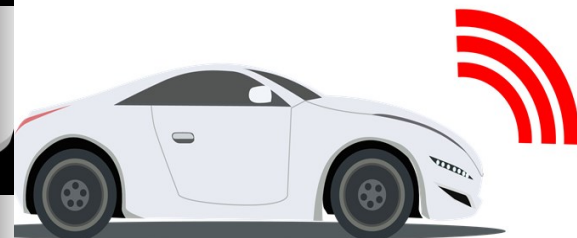Planning data

Navigation data

MAP CONTENT IN THE CONNECTED CAR

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Trends in Location Referencing

- Maturing level in standarisation

- Code & Map-Id based methods will remain important

- Map agnostic LR methods are becoming more and more main stream

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Key messages

- Connected vehicles will consume and produce increasingly more spatial information

- TomTom Real-Time Maps will deliver the content & quality required for Connected & Highly Automated Driving

- Location referencing methods are maturing and will play an important role in the years to come

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Questions ?

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