TF4: Deployment Steps

Maxime Flament

ERTICO – ITS Europe

Expectations 2014

- Selection criteria for candidate areas (2014)

- Contractual elements (2015)

- Implementation (2016)

- Demonstration event (2016)

Status

- One meeting

- Interactions with potential cities should start once other TF have delivered their first results

- The first goal is to attract the interest of cities or road operators

- No hard rules should exclude potential regions

Key criteria for selection of cities

- Willingness at policy level to cooperate between the <u>different levels of road network operations</u>

- Willingness to form PP partnership.

- Early adoption of ITS and probe data technologies and use of existing installation

- Willingness to experiment to show added value

Possible regions

- Corridor Rotterdam – Eindhoven (PCP-CHARM)
- Trondheim (NPRA Trials)
- Barcelona (RACC Trials)
- Vienna region (not only on ASFINAG network)
- Thessaloniki (SERTH Trials)
- Rome*
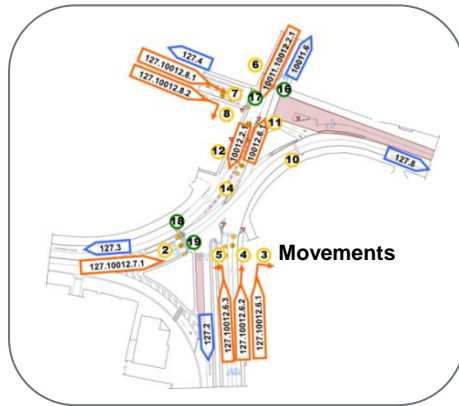- Berlin*
- Verona*
- TfL

*SWARCO trials

Ex: Intelligent Traffic Management

Next generation
intelligent transportation
management
&
dynamic traffic forecasting
in the
connected mobility space

Being demontrated in:
Rome, Berlin, …
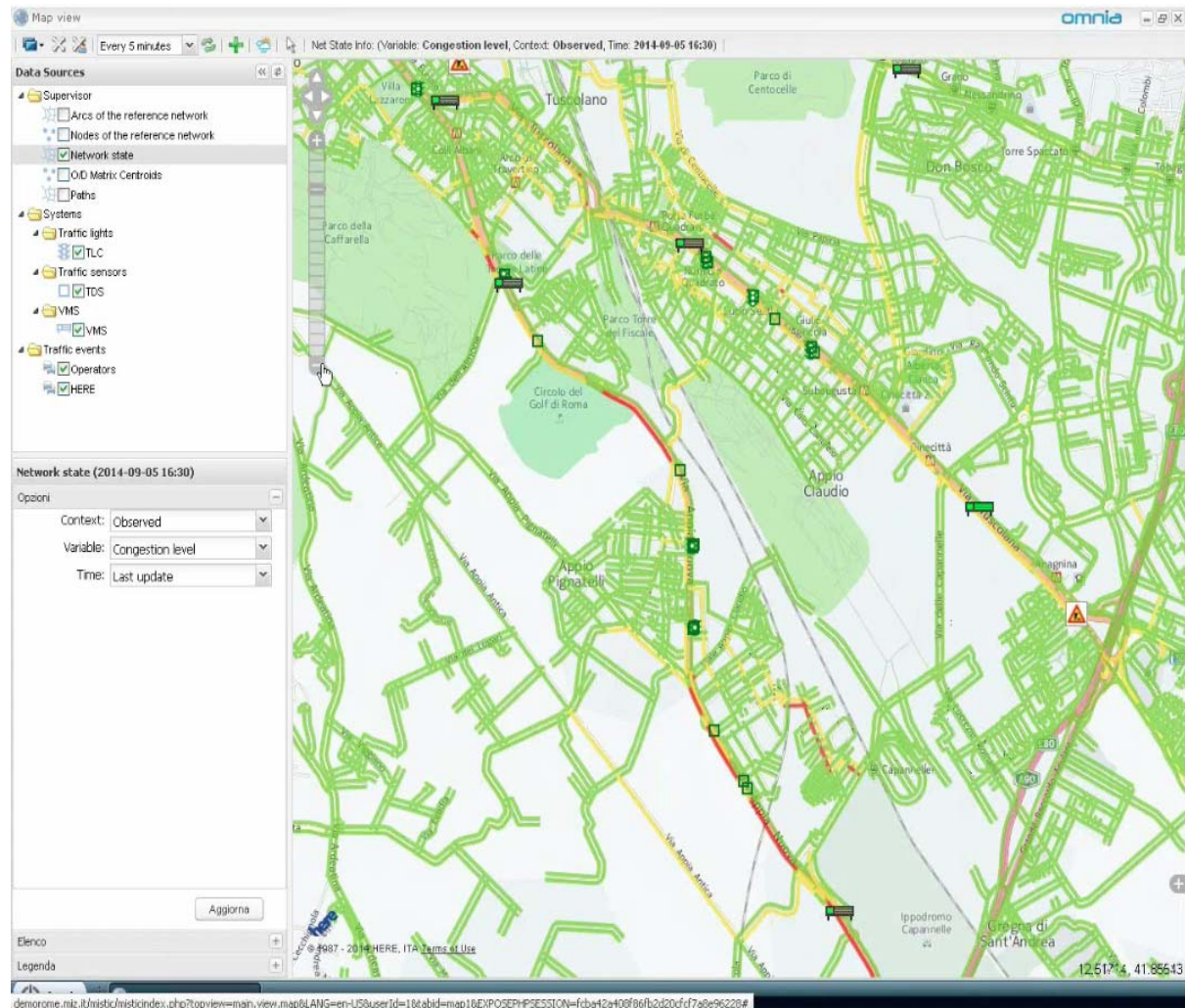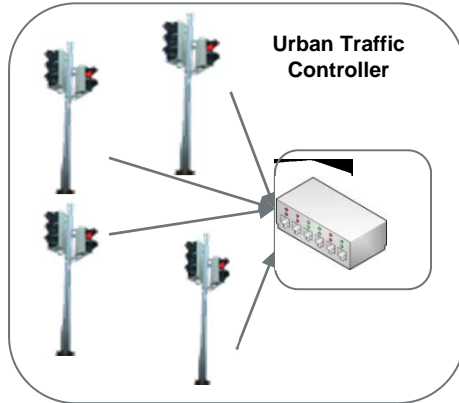
Ex: Traffic Light Assistance Application

Movements

Intersection view

Intersection Topology

MAP Message
CEN TC278 WG 16/ISO TC204 WG 18

Urban Traffic Controller
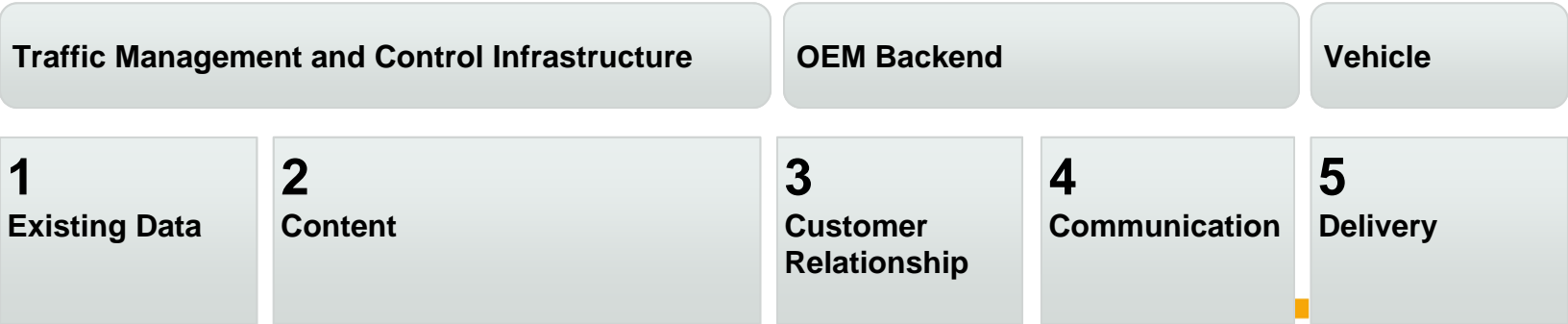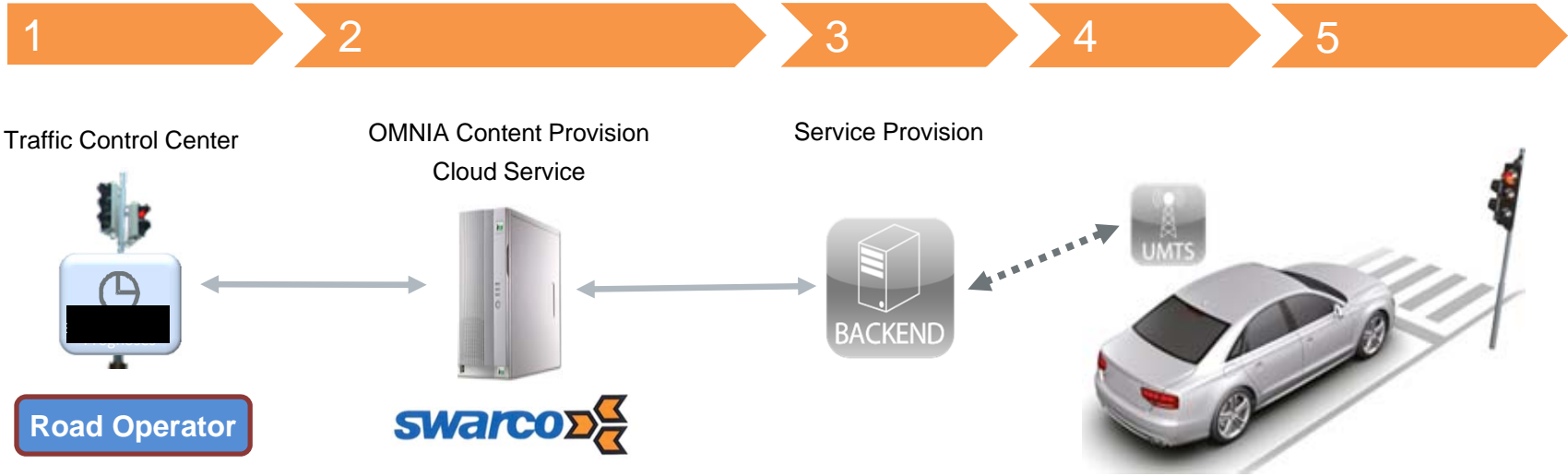
Signal Group Diagram

Coord. 10.64-41.84-40.62 - 45 km/h

Traffic Light Prediction

SPAT Message
CEN TC278 WG 16/ISO TC204 WG 18

>1000 Intersections in Berlin + Verona, Garmisch, …

swarco

Audi

Traffic light online

35mph

One feasible C-ITS value chain

| 1 | 2 | | 3 | 4 | 5 |

Traffic Control Center — OMNIA Content Provision Cloud Service — Service Provision

Road Operator

swarco

| **Traffic Management and Control Infrastructure** | | **OEM Backend** | | **Vehicle** |

| **1** Existing Data | **2** Content | **3** Customer Relationship | **4** Communication | **5** Delivery |

ERTICO PARTNERSHIP ACTIVITIES

TM 2.0
ENABLING VEHICLE INTERACTION WITH TRAFFIC MANAGEMENT

Next Steps

- Ramp up TF4 activities in 2015

- Interaction with targeted regions and identify willingness to cooperate (for GA)

- Investigate EC-funded PPI opportunities (MG8.3)

- Investigate Fast Track Innovation with industry members