Experiences from using an Integrated Traffic Management User Interface

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Integrated UI for TMC

FINLAND

Population ~5.5 M

4 major urban areas

4 TMCs

Oulu

24/7/365

~80 000 km
Of state owned roads

~100 000 calls/ year

~40 operators

Tampere

Helsinki

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T-LOIK = Integrated UI + ICT platform for road traffic management

“Tieliikenteen ohjauksen integroitun käytölläliittymä” in Finnish ;)

Before: ~40 different legacy systems

First specifications in 2013

Framework phase 2014

Live in 2015

Agile methods

IPR’s (!)

~10+ Me
Integrated UI for TMC

- T-LOIK
- Map/GIS tool
- Traffic mgmt tool
- Duty tool
- Camera tool
- Integrated VoIP solution

SRTI & RTTI:
In DATEX II
InfoXML
(& JSON soon)

Available as
Open Data from
FTA’s Digitraffic
Integrated UI for TMC

Secure web browser and email
Integrated UI for TMC
Integrated UI for TMC

Benefits

One coherent UI

Prioritizing of tasks

Operation from one WS and from any geographical location

Technical harmonization

Centralized alarms and alerts

Enables Network level traffic mgmt
Integrated UI for TMC

Lessons learnt...

SLA

Exit plan

Technology is not the answer to everything

Development of processes (!)

Get the tech you need, not the one that your IT-dep. uses

Question everything, have no doubt to ask for arguments, Don’t take anything for granted