

TN-ITS service Norway

Implementation status

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TN-ITS implementation in Norway

Background

Transportation pilot

- Service implemented during Transportation pilot in 2015
- Service environment hosted externally, in Sweden

National Road database (NVDB)

- Relevant features and road network is based on national coverage from National Road Database
- Dataflow is continuously updated

Content

Selected features

- Speed limit
- Warning sign
 - Dangerous curve/curves
 - Moose
- Stop sign
- Restriction for vehicles
 - Laden weight
 - Weight per single axle
 - Length
 - Height
- Road name
- Road number



Experiences

Have there been any challenges?

- Operational problems for several months in 2016
- Dataflow issues
- Service environment (development environment) not scaled for amount of changes from the road database
- Amount of changes from National DB varies greatly
- Possible to optimize dataflow from NRDB to ROSATTE Server

Due to operational issues we have had delays moving the service to internal production environment at NPRA



Service status

What is the status now?

- Service has just been “updated” after months of downtime
- Up and running this week
- First priority is to get a stable service, that delivers data
- Internal production environment at NPRA

TN-ITS service Norway:

<http://rosatte-no.triona.se/ROSATTEDownload/download/querydatasets>



Experiences

In general

- Great feedback from private mapmakers (HERE)
- Quality of the data in the changes, has in many cases little processing needs, on its way through the map makers DB
- NPRA is impatient to discuss the “feedback-loop” mechanism from private mapmakers.....
- ITS community at NPRA wants to get more involved and look at possibilities with the ROSATTE specification
- Possibly look at how we can build a service based on existing NRDB API's, and not from a geodatabase

Thank you for your attention!

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