



Nordic Way & Scania

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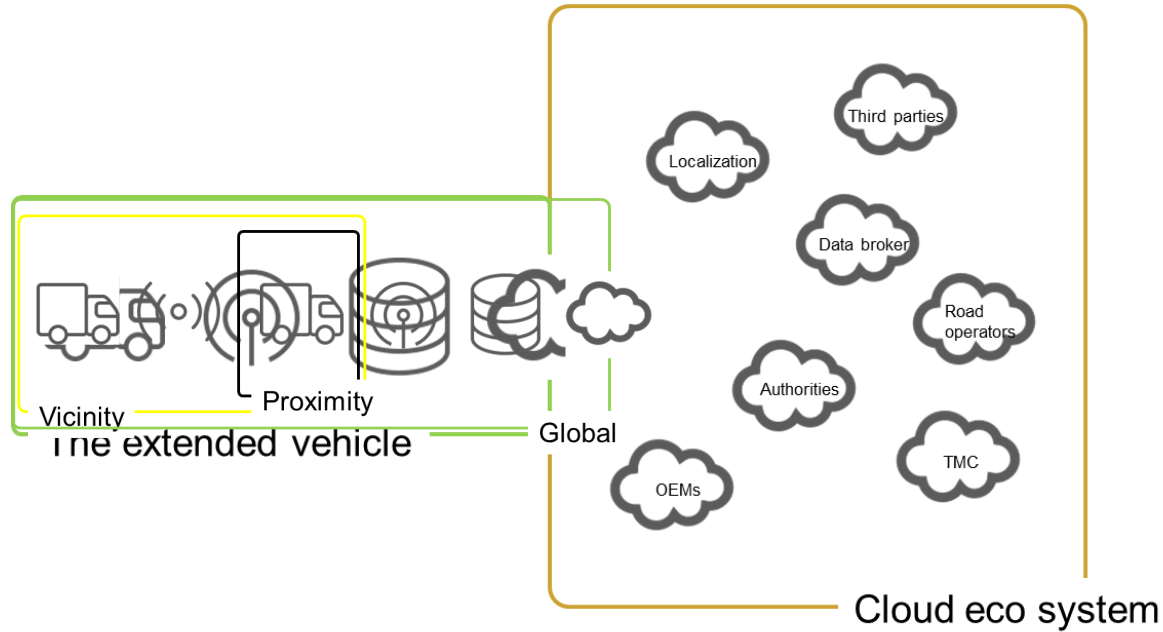
Overview



- Scania & connectivity
- Scania implementation in Nordic Way
- Conclusion/observations



Contexts of connectivity



Scania & connectivity



- Long history of connecting vehicles using cellular technology
- ITS G5 communication used for platooning
- C-ITS: Hybrid approach
 - Cloud/cellular communication important for V2I
 - Day 1 applications supported in V2x software stack
 - Harmonization and interoperability important



Overview

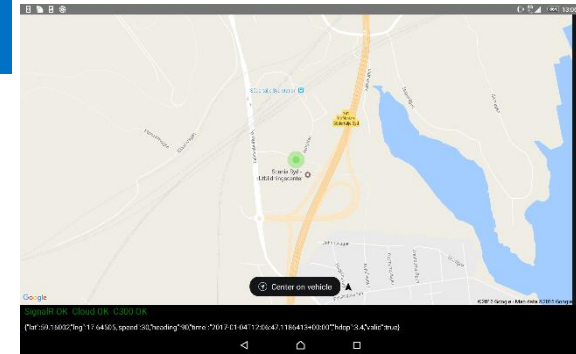


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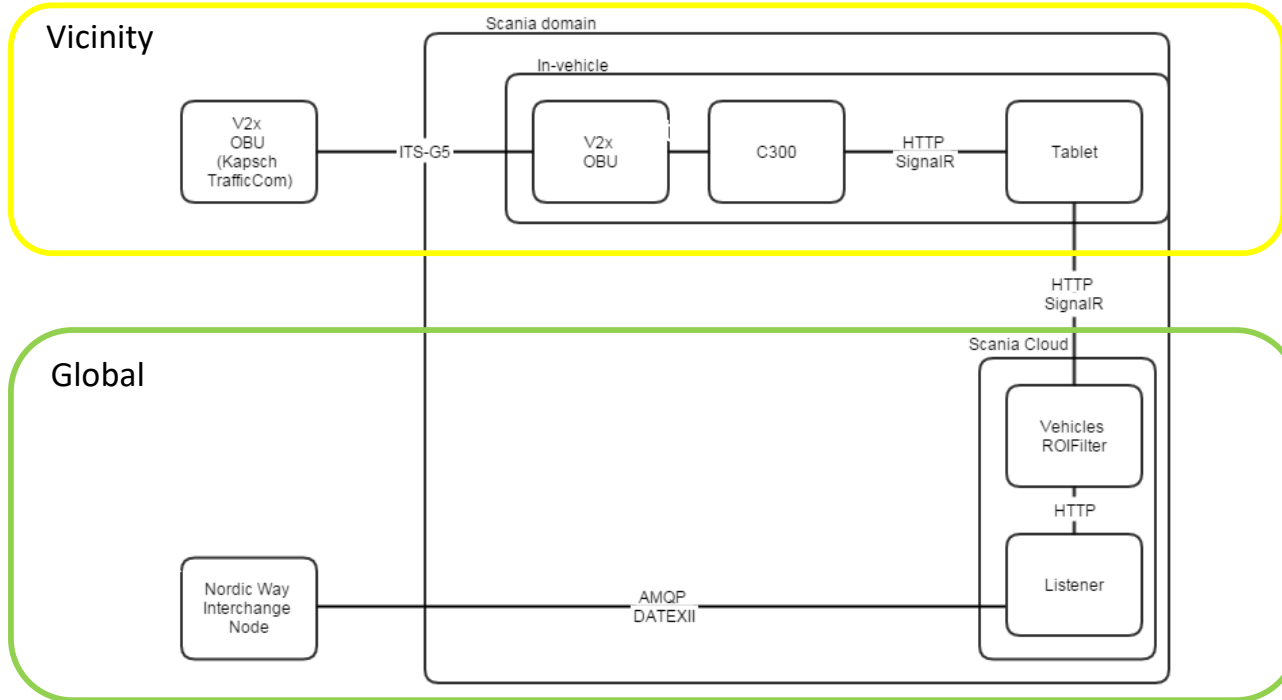


Scania implementation

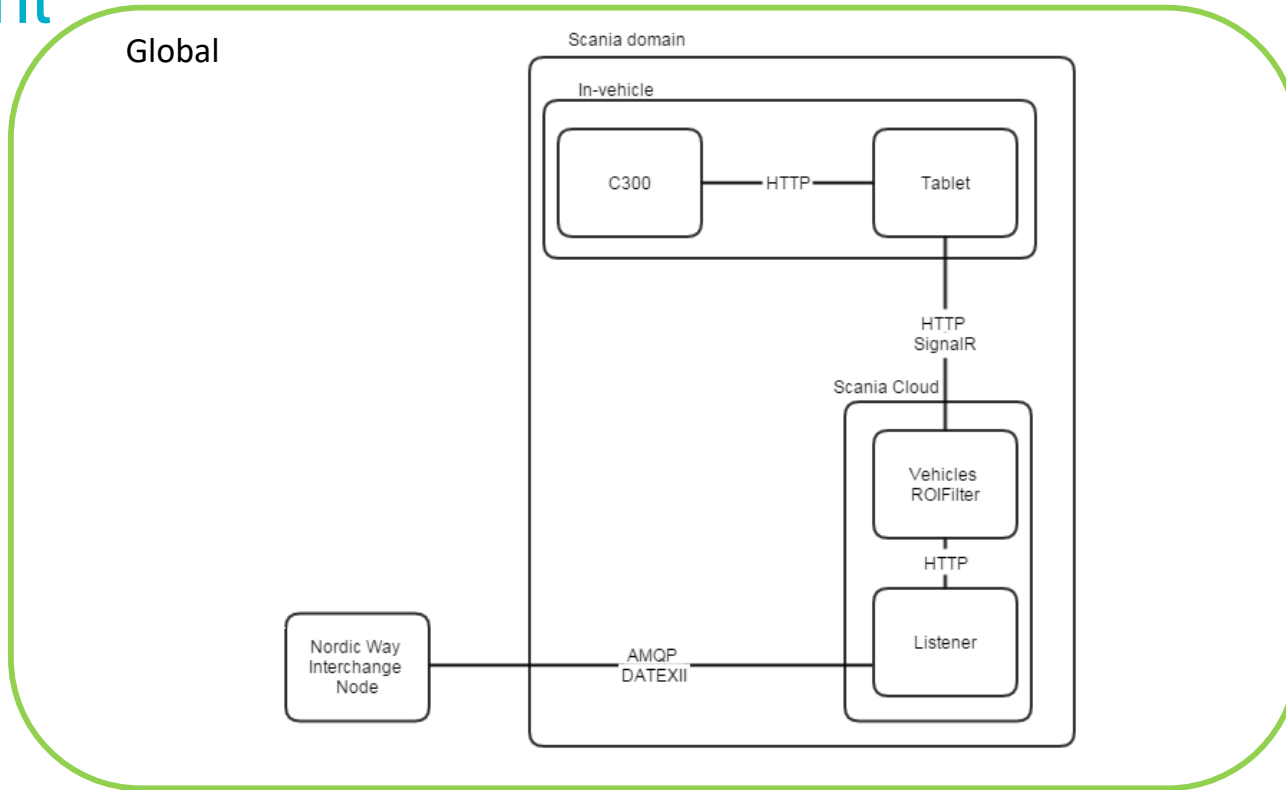
- Cloud backend
- Telematics unit
- Tablet as HMI
- V2x unit
- Development trucks



System overview RWW



System overview Slippery road / Hazard Light



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Conclusions/observations



- The Nordic Way Interchange Node solves important issues..
 - Decoupling of actors
 - Interoperability
 - Geo-based filters
- ..but it needs a few more features in future versions
 - self service configuration of queues and accounts
 - possibility to control which consumer that is authorized to receive a specific type of message
 - multiple provider support
- Interoperability is challenging
 - DatexII is not as standardized as we assumed...





SCANIA

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