

What is your role in the Internet of Things





- **Vision** Tass: We see a world where intelligent **connected software** technology, improves the quality of **everyday life**





In-Flight
Entertainment



Autonomous Systems
Robotics



Next Generation
ATM



Train Centric
Signalling



Advanced Driver
Assistance



Connected Car



Remote Healthcare



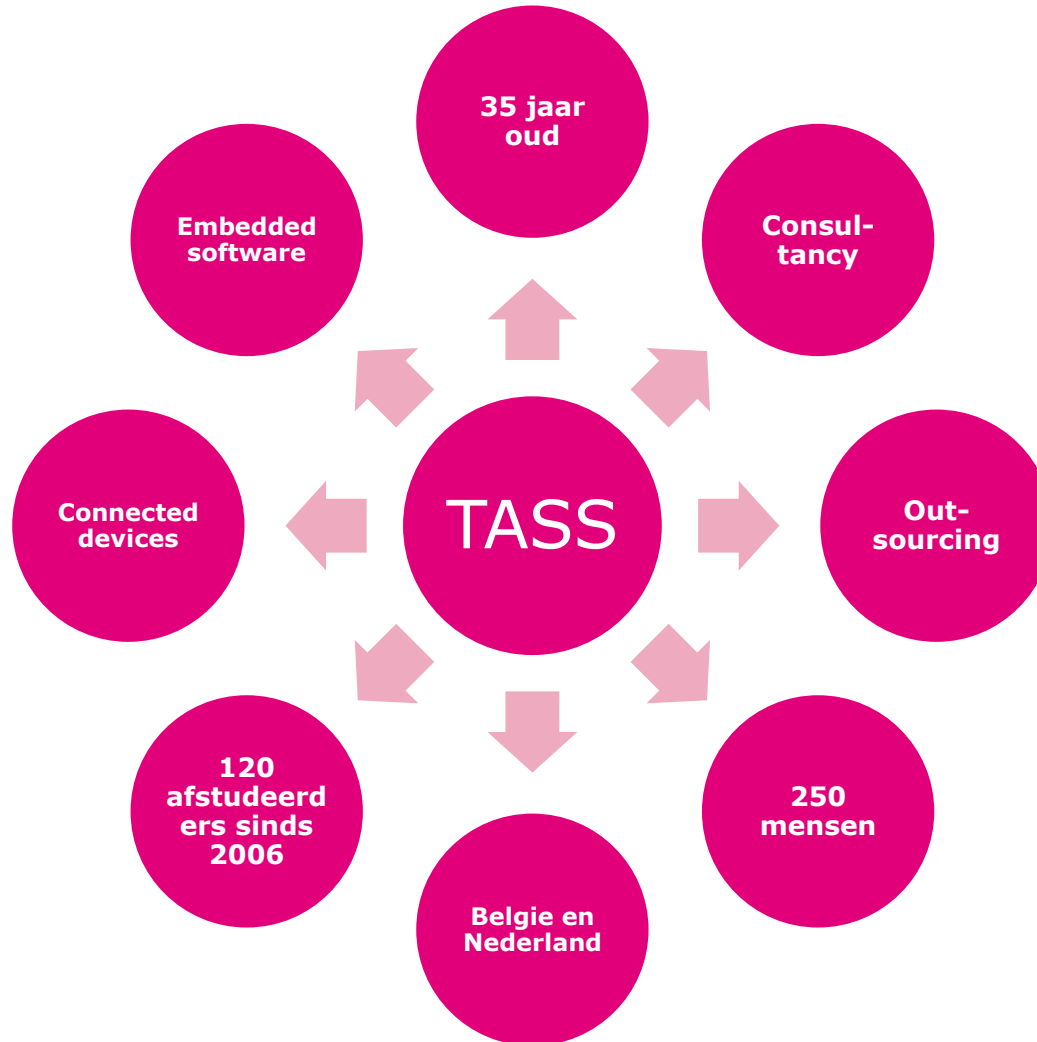
Smart Meters
Smart Grid



Connected Home



Connected TV



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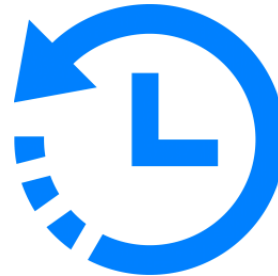
Philips OccuSwitch Wireless

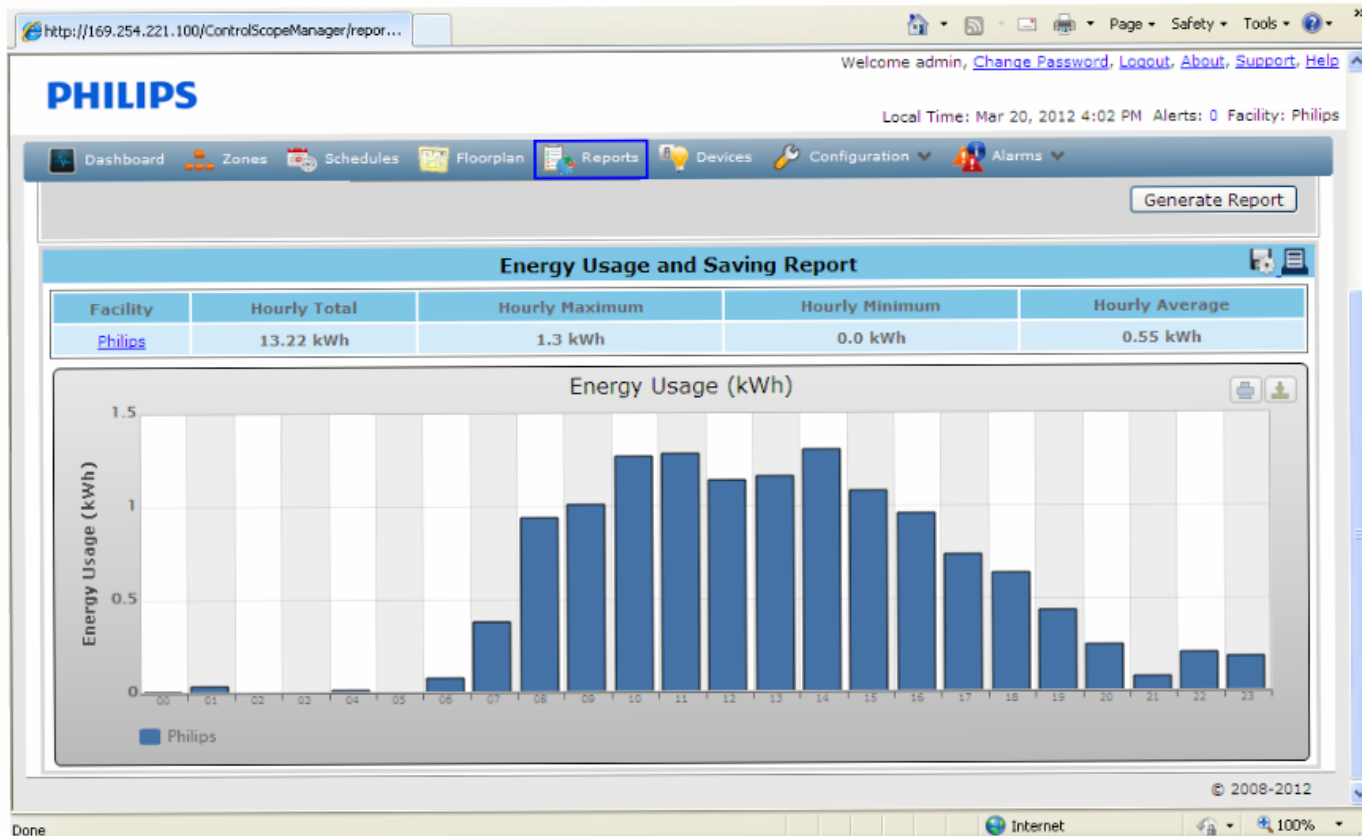


How to configure



Way of Working





Philips Living Colors



ZigBee Light Link



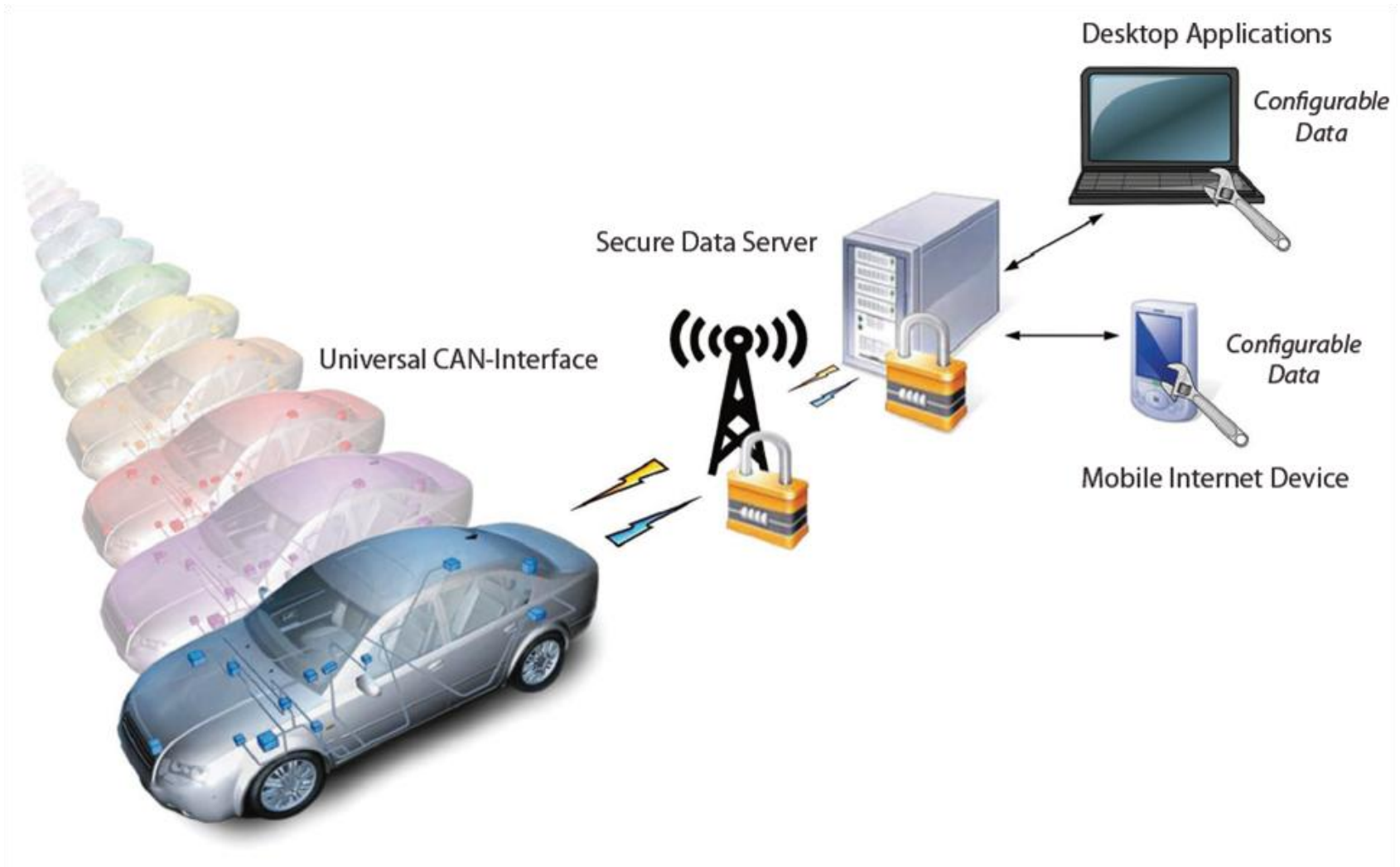
Lighting Network

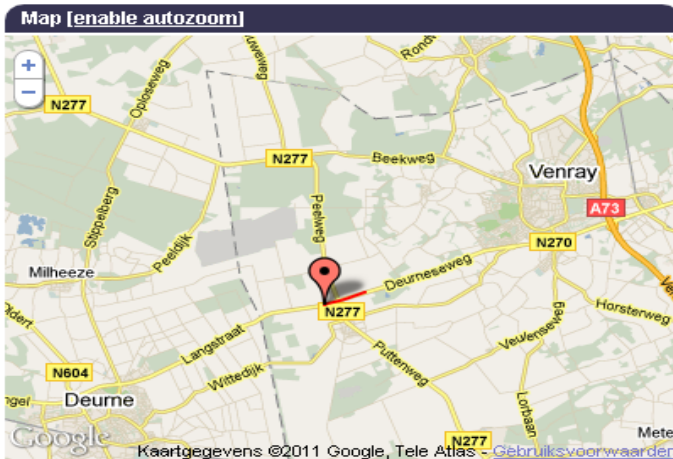
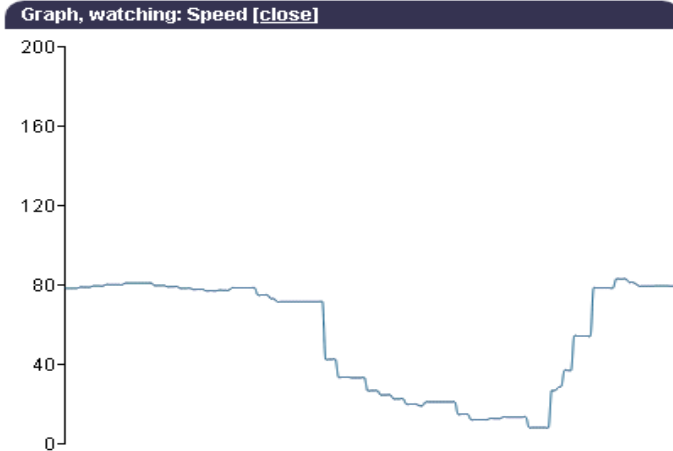




Time for a change



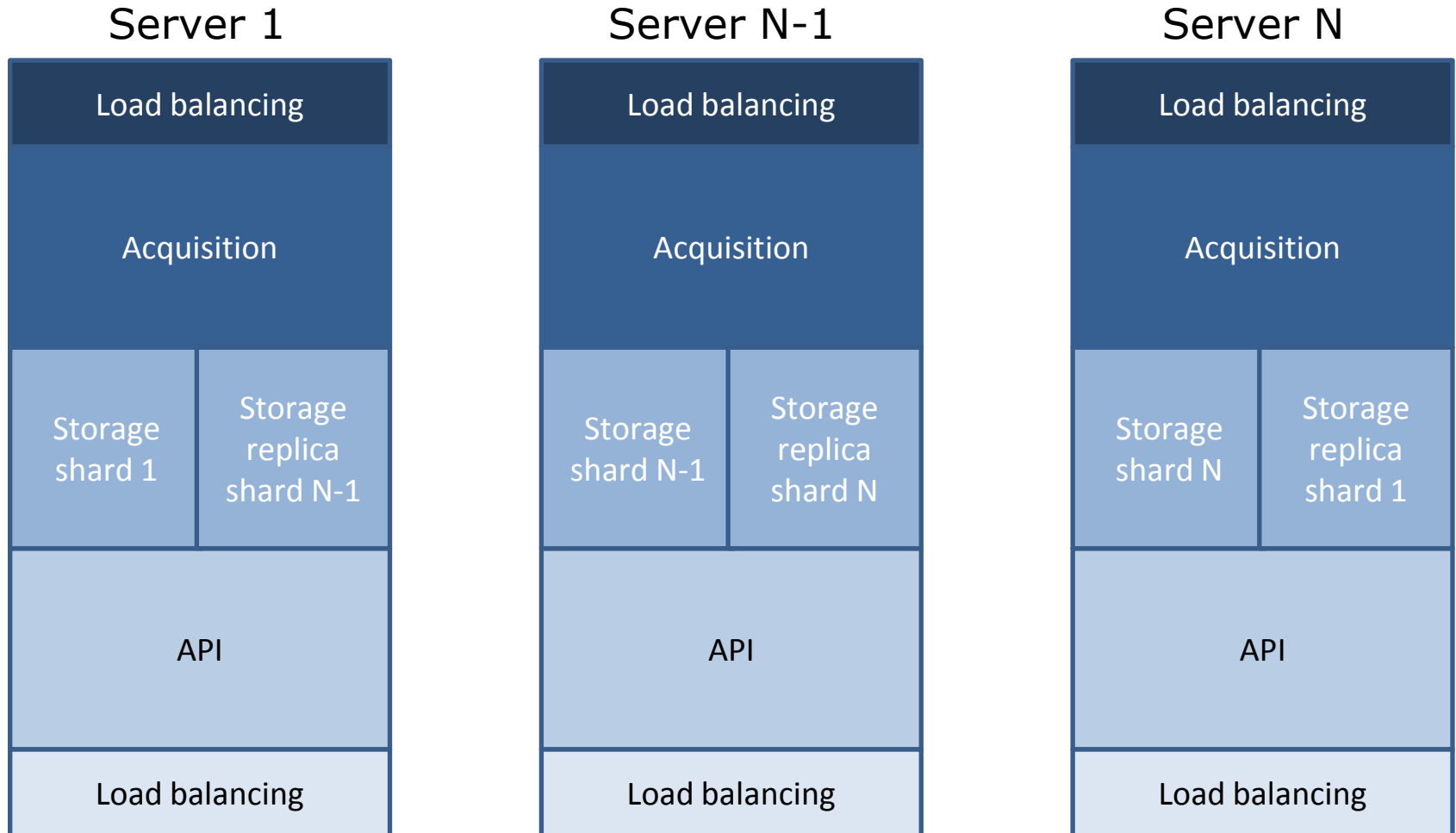




Configured signals [edit]

Last receive 14-6-2011 12:53:23



	Airconditioning	ON
	Brake	OFF
<input type="checkbox"/>	BrakeForce	
	Clutch	OFF
	CruiseControl	ON
	DriverDoor	OFF
	DriverSeatbelt	ON
<input type="checkbox"/>	EngineStart	OFF
	GPS	51.4959 5.8865
	Ignition	ON
<input type="checkbox"/>	InjectionTime	



Example – Road condition

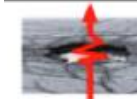
- ▶ Rijkswaterstaat and TU/E OOTI have concluded that in-car data can provide info on road surface

Roughness

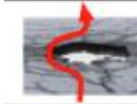
	Smooth
1000	
	Medium
2000	
	Rough
3000	
	Cobbled
4000	



Potholes & Speedbumps



1xx Through a pothole



2xx Around a pothole



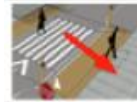
3xx Narrow speed bump



4xx Wider speed bump



5xx Raised surface UP



6xx Raised surface DOWN



7xx Speed hump

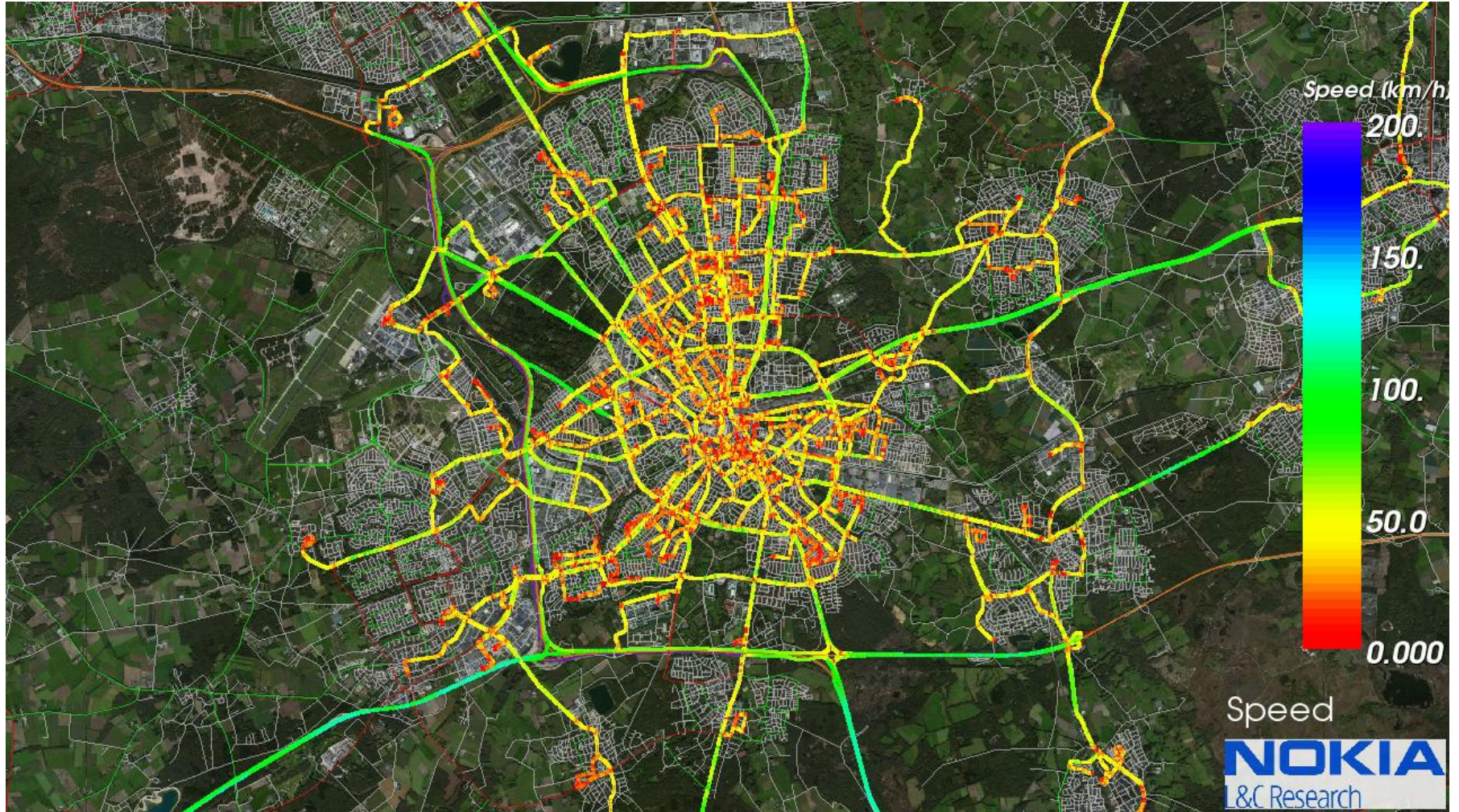


8xx Expansion joint

Example - Microclimate

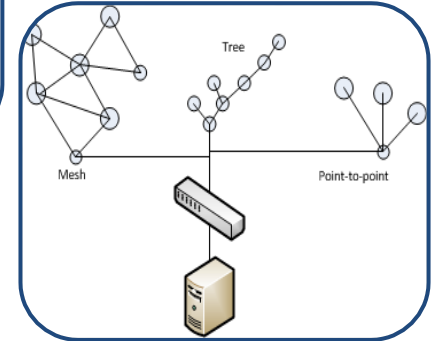


Example – Average speed





Graduation projects at TASS



TASS heeft meer dan 40 afstudeerders per jaar
Altijd meer dan 20 high tech afstudeeropdrachten. WO opdrachten vaak in onderling overleg.
Locaties Eindhoven of Apeldoorn

www.tass.nl/afstuderen