



VOLVO



KOLLMORGEN



VOLVO

AntWay

Johan Tofeldt – 2016-09-23

ANTWaY project aims to investigate the complex work yard transport problems. This would involve developing systems for road vehicles that can adapt to be completely autonomous while at a site using continuous guidance information from the site control system.

Scope

ANTWaY project aims to solve the complex work yard transport problems.

- This would involve developing systems for road vehicles that can adapt to be completely autonomous while at a site using continuous guidance information from the site control system.
 - The positioning of a vehicle,
 - its safe path to follow to reach destination,
 - shortest and drivable route calculation, and more
- Design and Setup a functionally safe implementation of a semi-controlled autonomous maneuvering truck for on-road application
- Integration of a highly autonomous truck to a shared work space with site control
- Implementation/Integration of Fully autonomous site controlled truck(s) for workyard.
- Time: 2014-05-01 – 2017-05-31
- FFI 'FORDONS & TRAFIKSÄKERHET'

Transitions from public road manually driven into work sites and autonomously driven. SAE Automation level 5

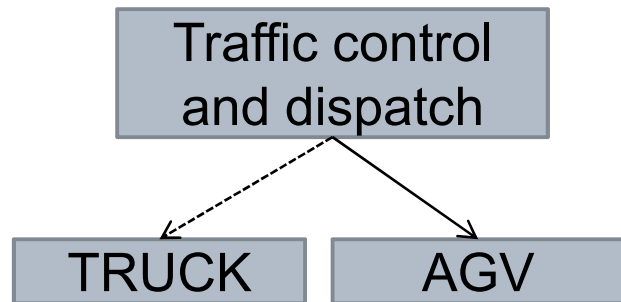
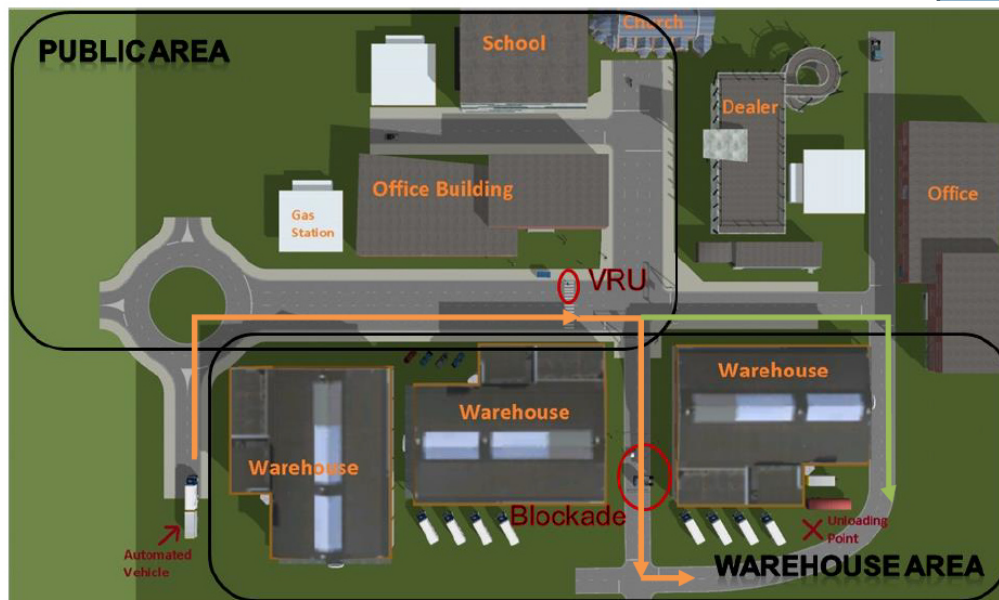


FIGURE 4 EUROMAX CONTAINER TERMINAL ROTTERDAM WITH AGVs IN OPERATION



Interfaces & Handover