



YETIMOVE

WE ARE AUTONOMY

SESG SYSTEM INTEGRATION

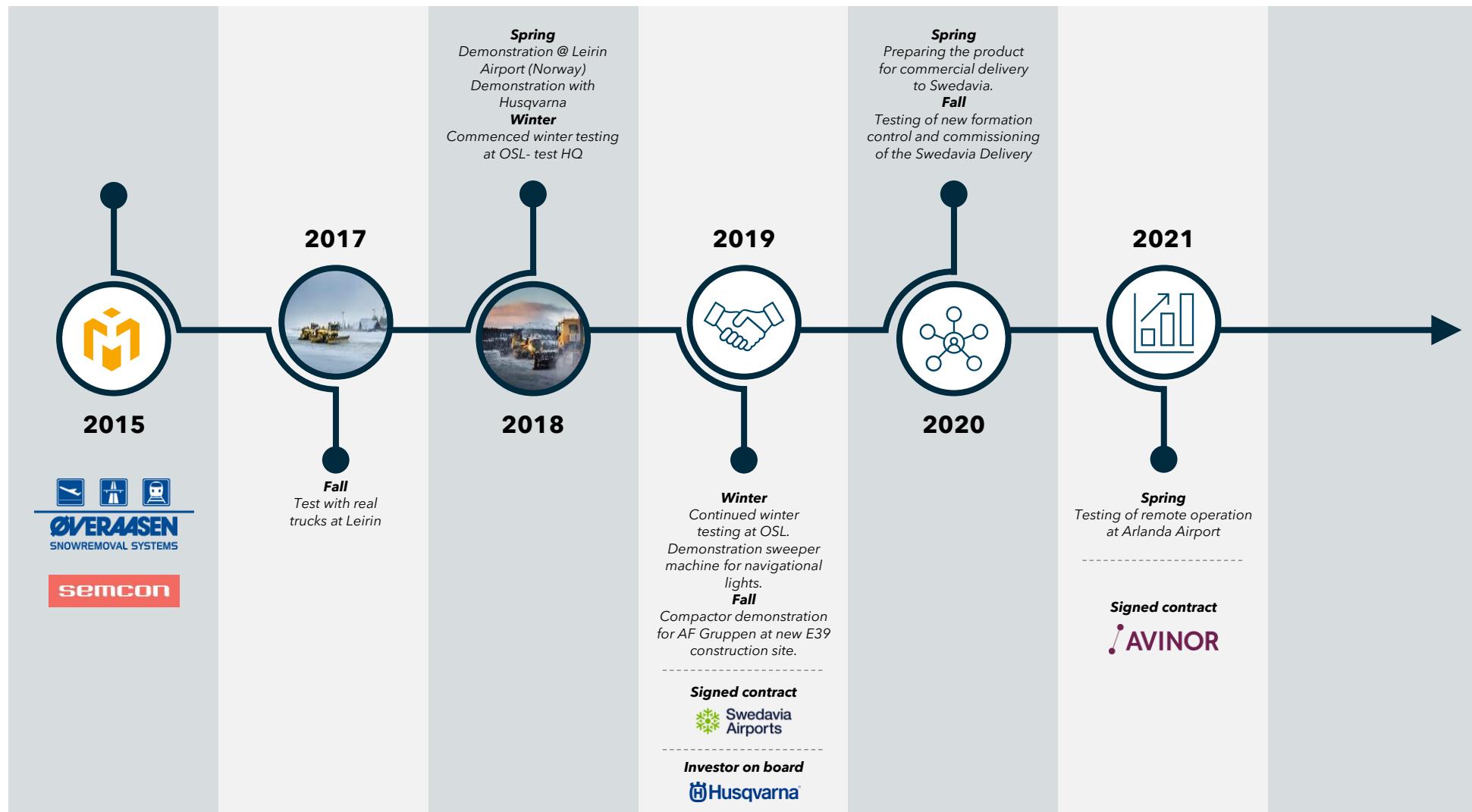
NOV 25 | 2021 | Anders F. Nilsen

AGENDA

- 1 Yeti Move History
- 2 Yeti Autonomous Service Platform (YASP) Overview
- 3 User Interaction Sessions
- 4 Operational risk assessment
- 5 Driver Environment Prototyping
- 6 Early Validation of Need Through Conceptualization



YETI MOVE STORY

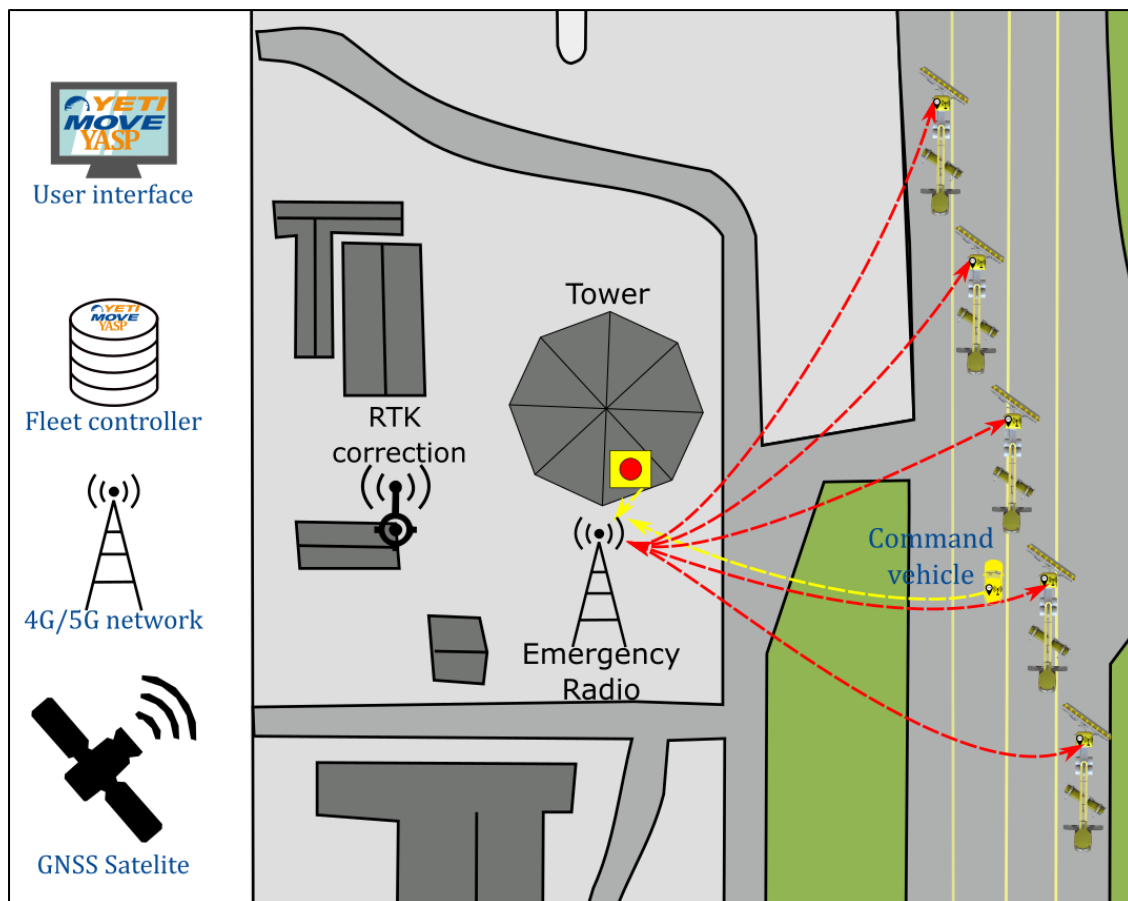


YETI AUTONOMOUS SERVICE PLATFORM (YASP) OVERVIEW

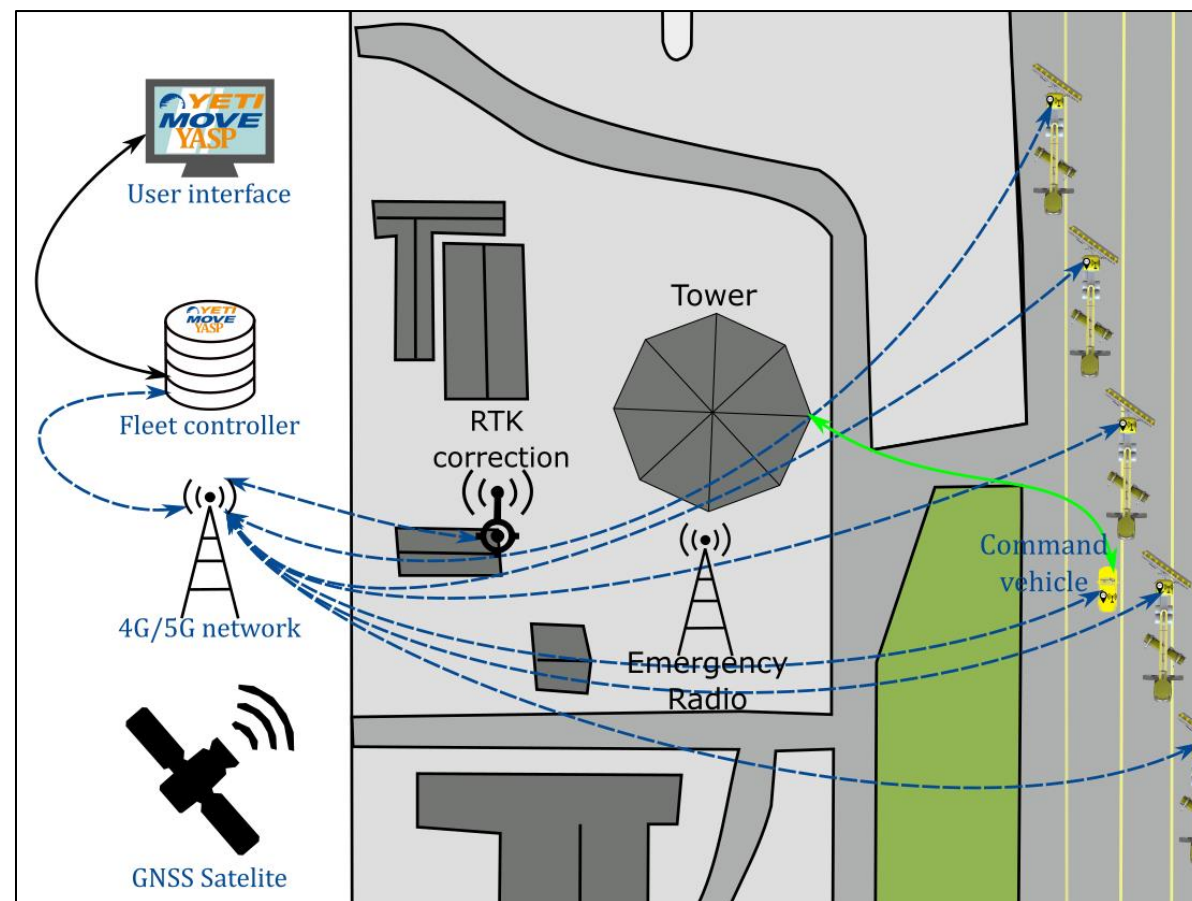


AIRPORT OPERATION CONTEXT

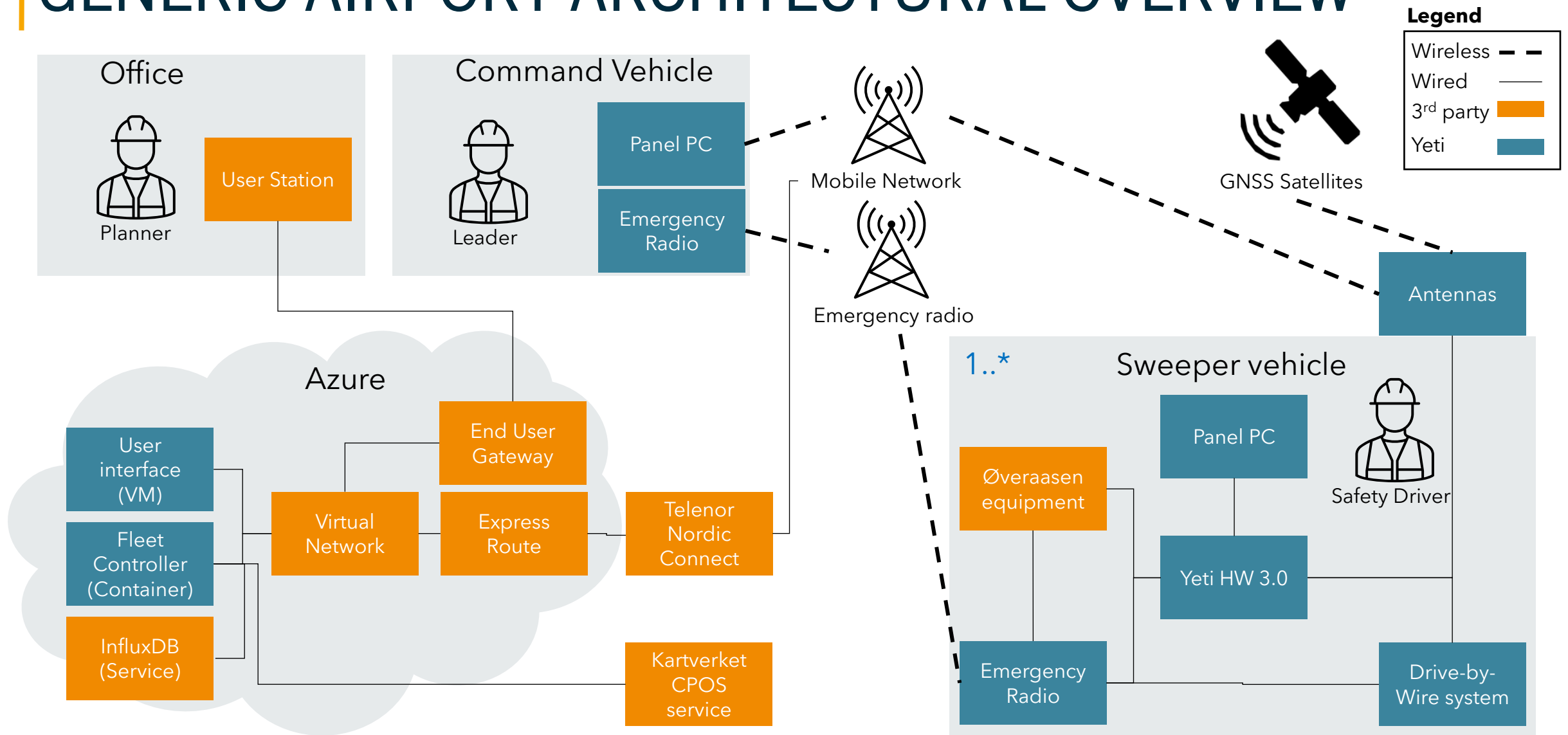
Emergency stop communication



Operational communication



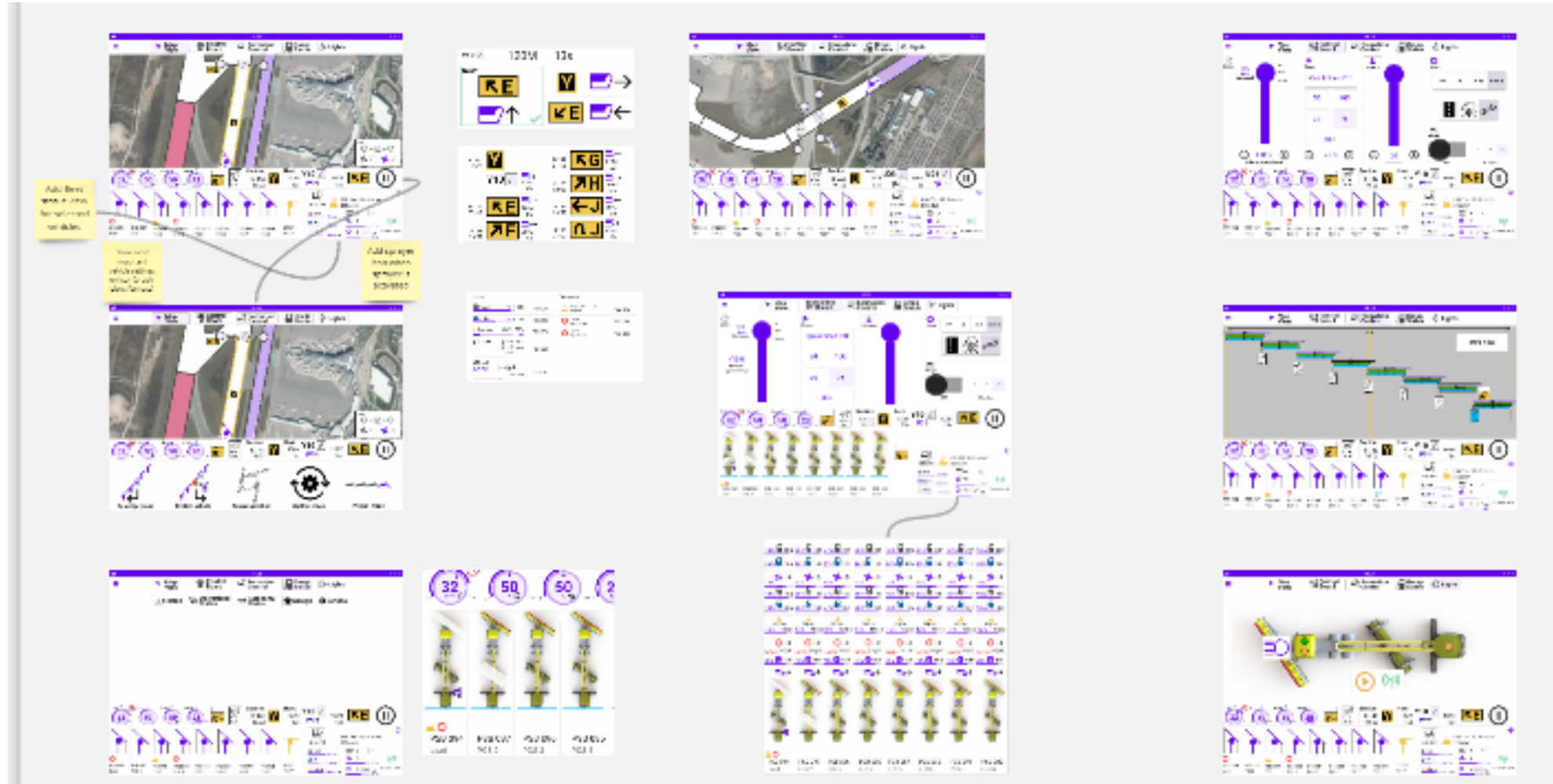
GENERIC AIRPORT ARCHITECTURAL OVERVIEW



| EARLY VALIDATION & VERIFICATION

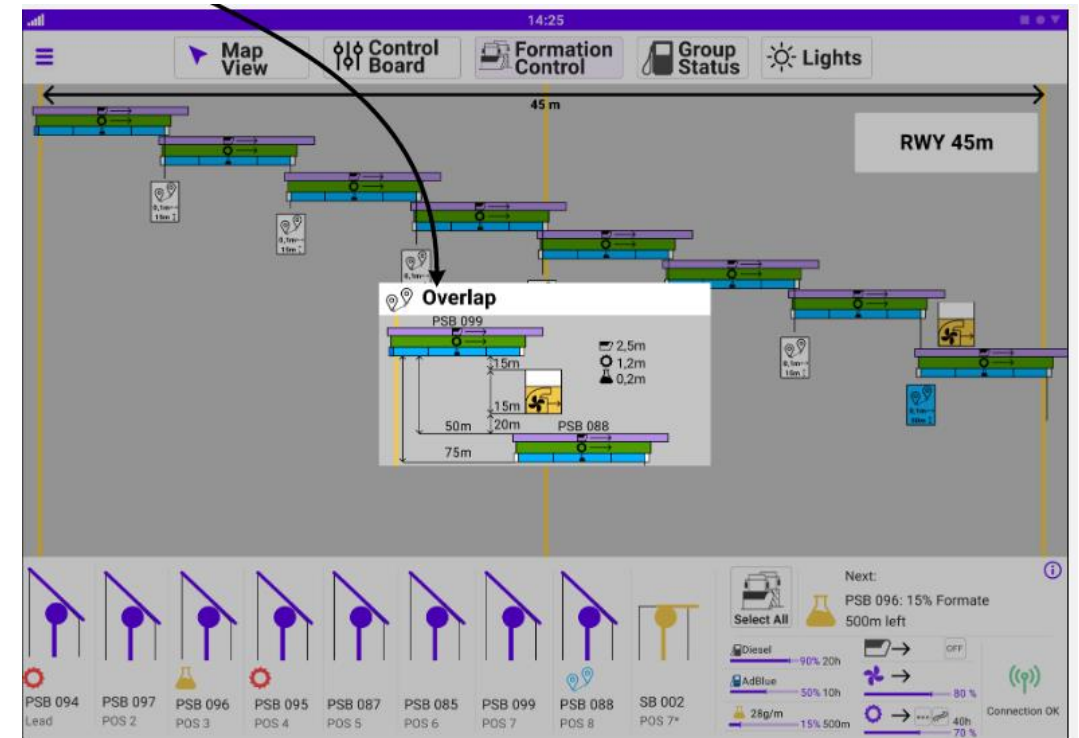


USER INTERACTION SESSIONS



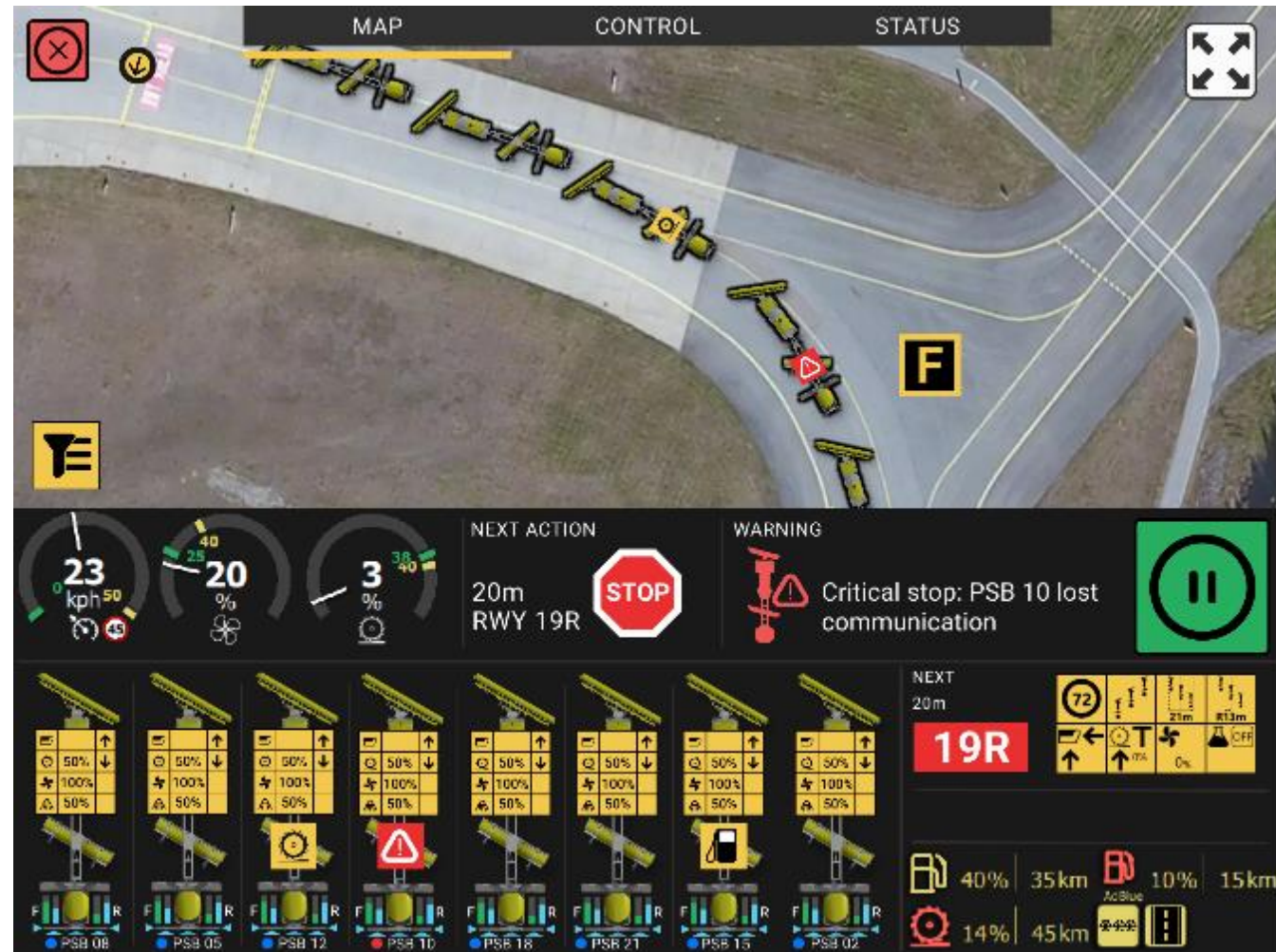
USER INTERACTION SESSIONS

- ▶ Early validation of mock-up user interface
- ▶ Involvement of key active stakeholders
 - ▶ Sense of ownership in the solution
 - ▶ Easier to accept system when contributing to it.
- ▶ Unintended scope increase could occur



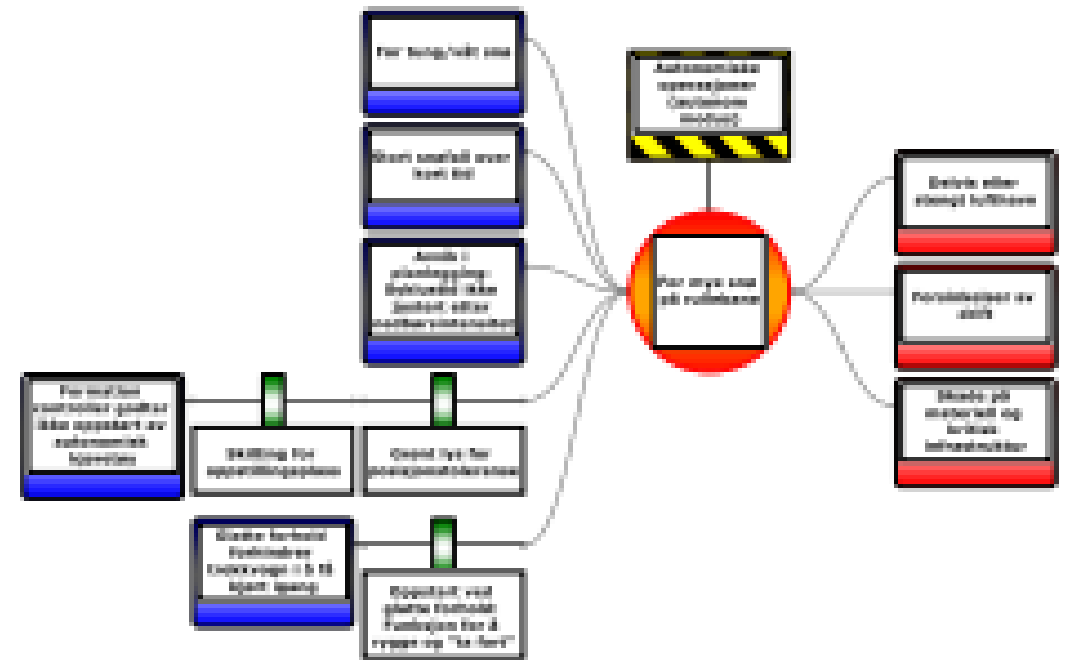
USER INTERACTION SESSIONS

PRODUCT



OPERATIONAL RISK ASSESSMENTS

- ▶ Elicit the compliance of the system in the context of the customer operation.
- ▶ Answers how the system shall behave in known situations.
- ▶ Generates common understanding with the customer, both with respect to normal operation and exception handling
- ▶ Enables finding optimal solutions across company borders rather than sub-optimizing on company level.



DRIVER ENVIRONMENT PROTOTYPING

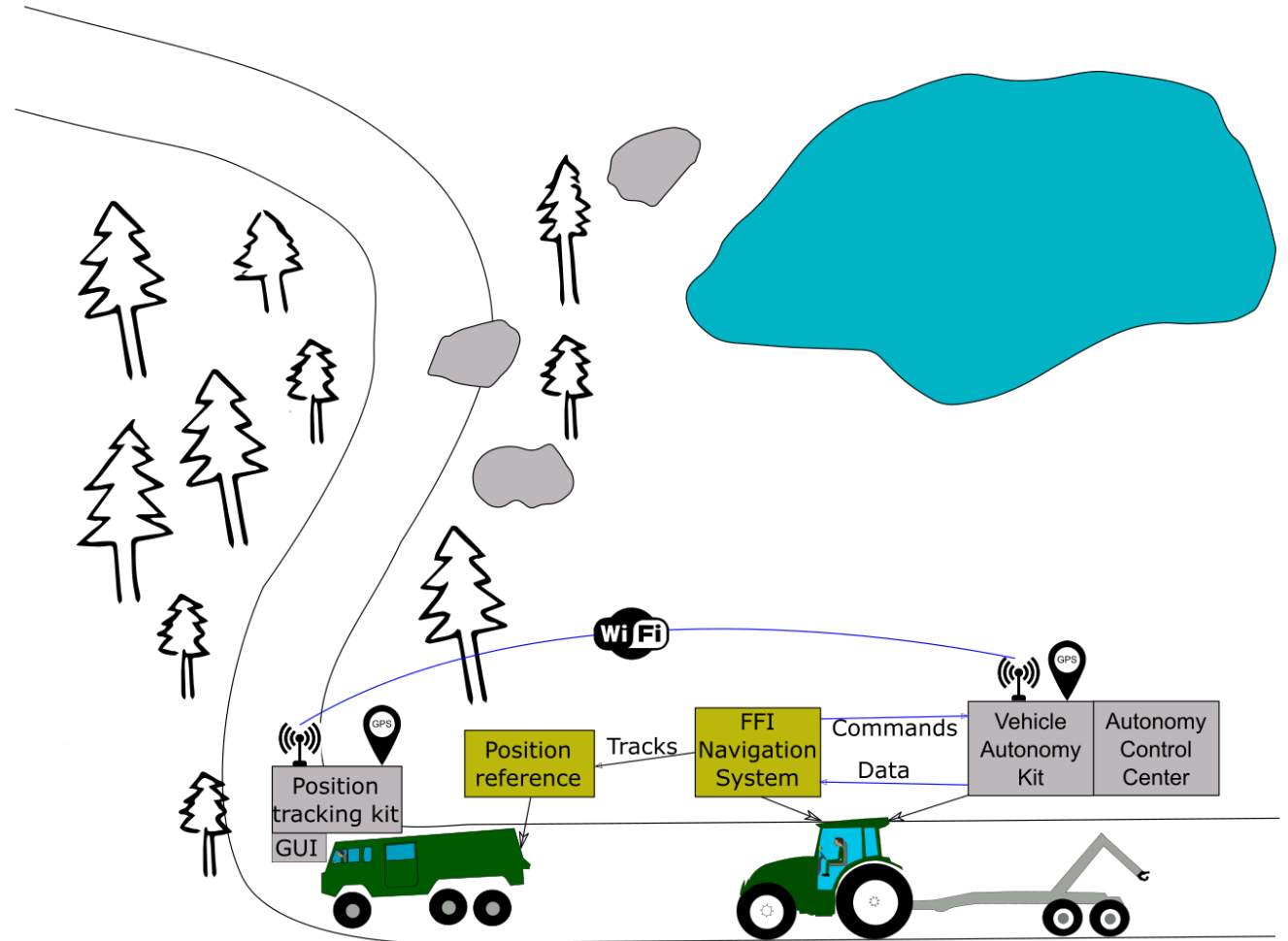
- ▶ Get early feedback from customer operators regarding ergonomics
- ▶ Minimizing eye movement is very important to support operators



EARLY VALIDATION OF NEED

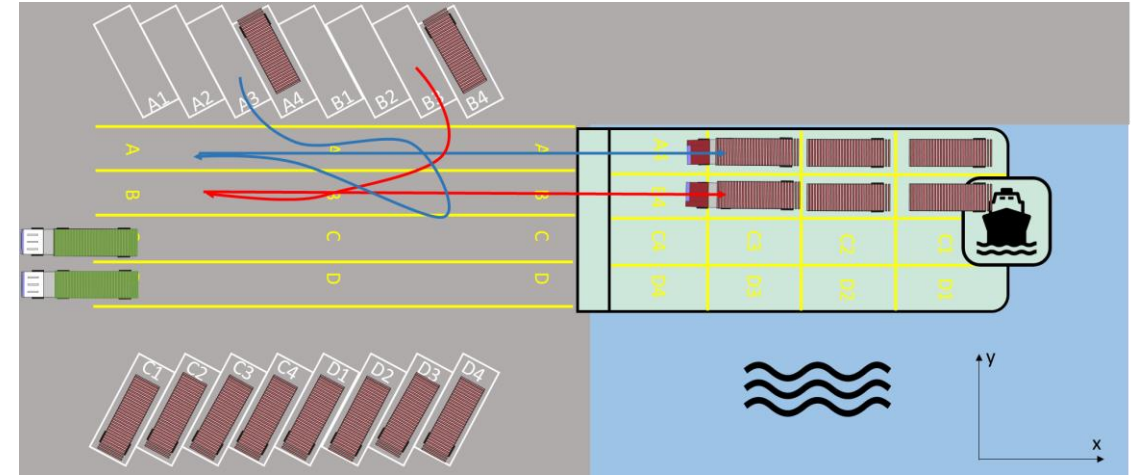
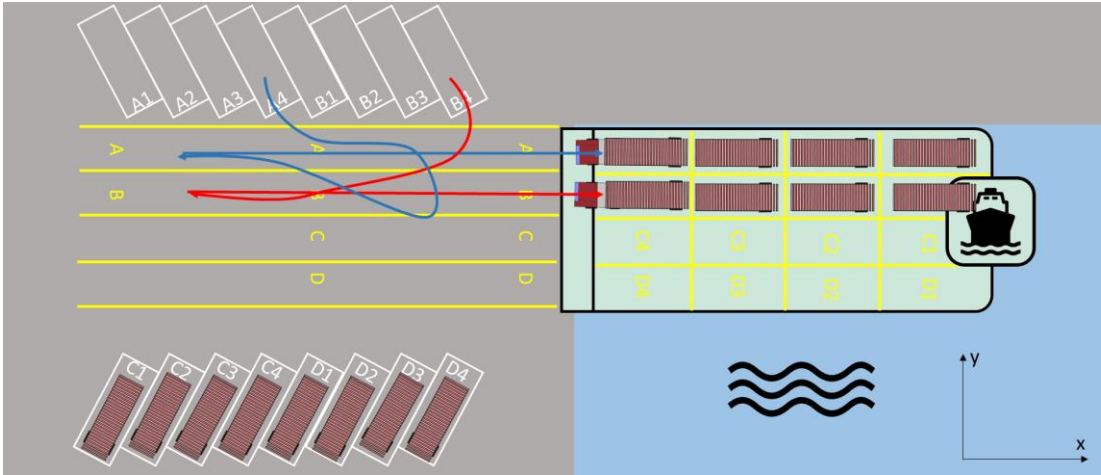
CONCEPTUALIZATION

- ▶ Need:
 - ▶ Demonstrate that platooning with commercially available vehicles is a feasible in military logistics.
- ▶ Provided clarity regarding desired direction for the collaboration with FFI.
- ▶ Simplified process of defining interface between involved parties.

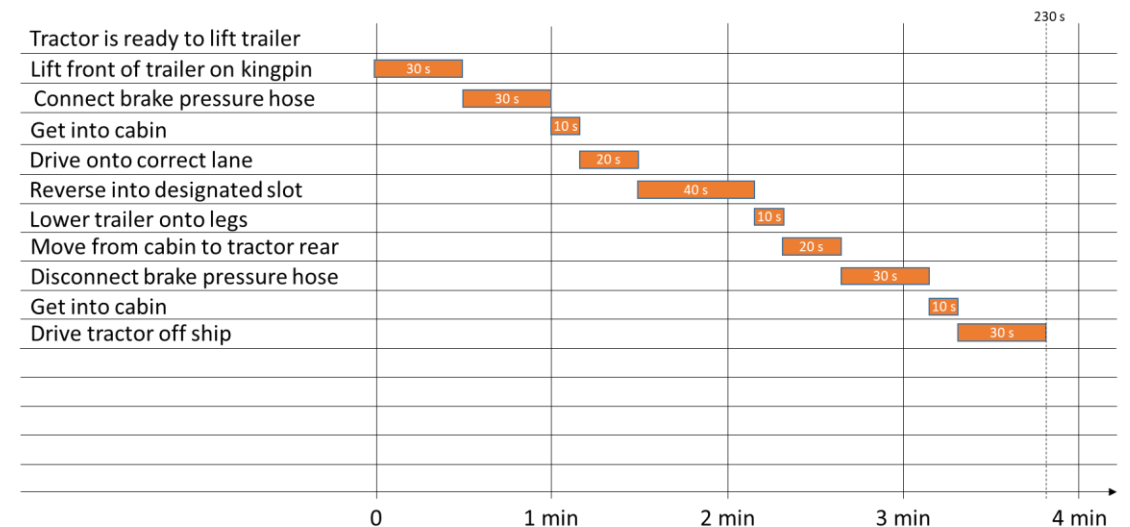


EARLY VALIDATION OF NEED

CARTOONING AND TIMING



- ▶ Early validation of customer business case for autonomy
- ▶ Disadvantage
 - ▶ Provide the customer with knowledge to use in open tenders.



THANK YOU!



YETIMOVE.COM
info@yetimove.com