

























Exploration initiative in collaboration with **Volvo Construction Equipment**

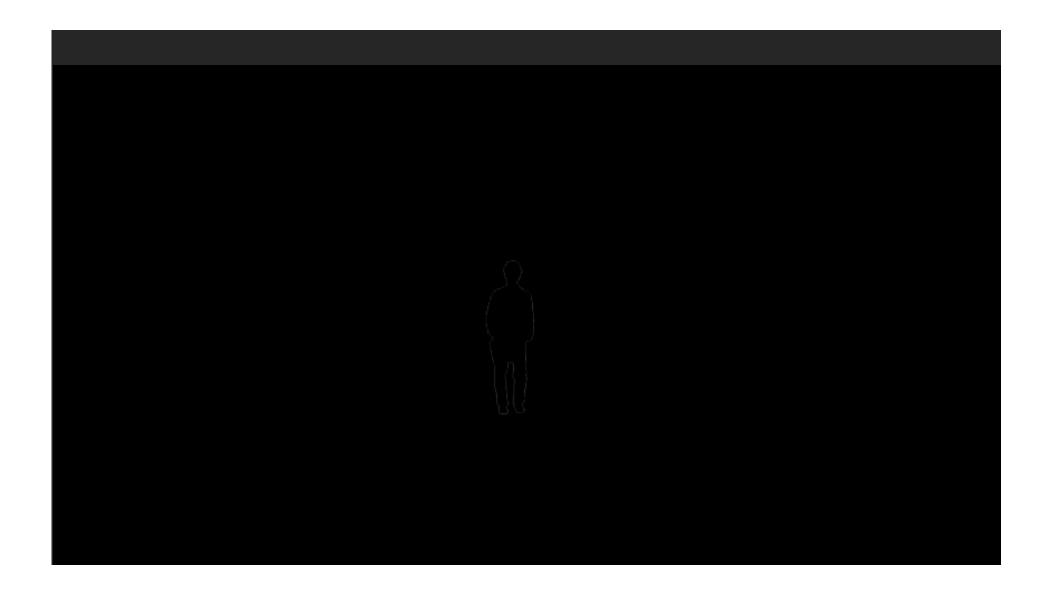




The Problem

- Dynamic construction sites
- also a problem for



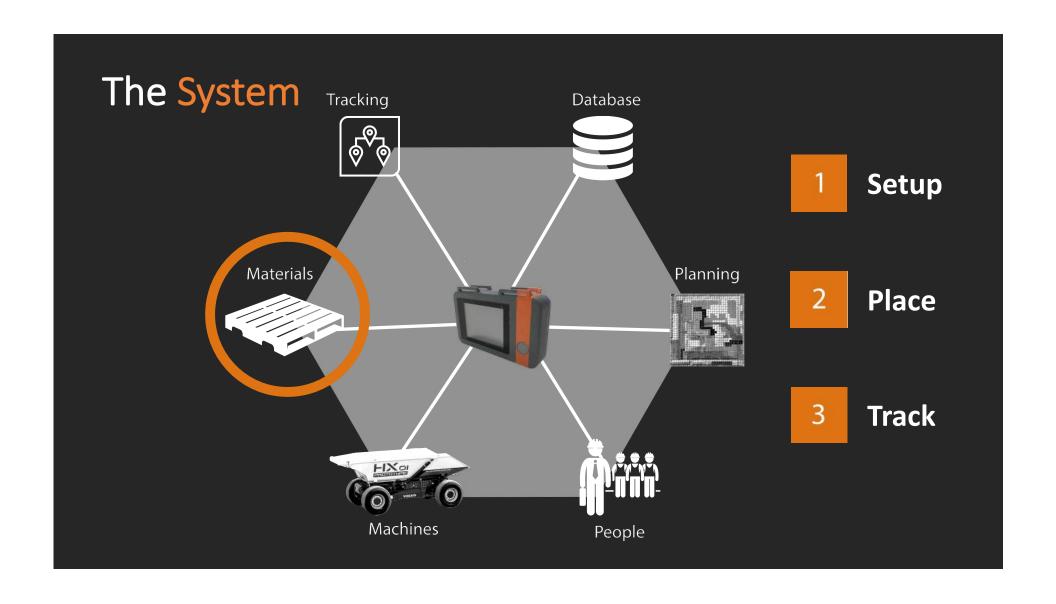


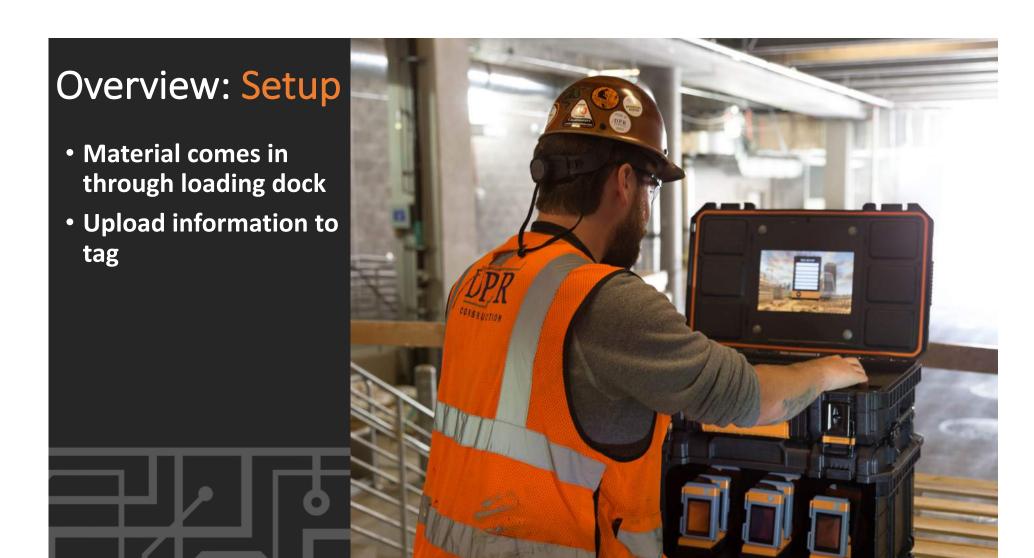


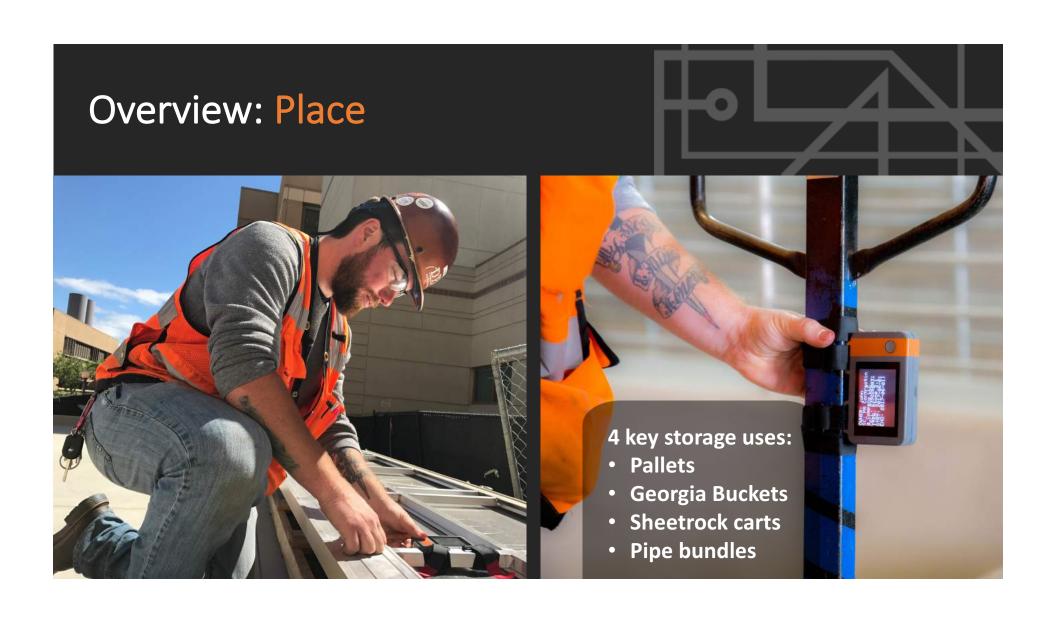
Big Impact

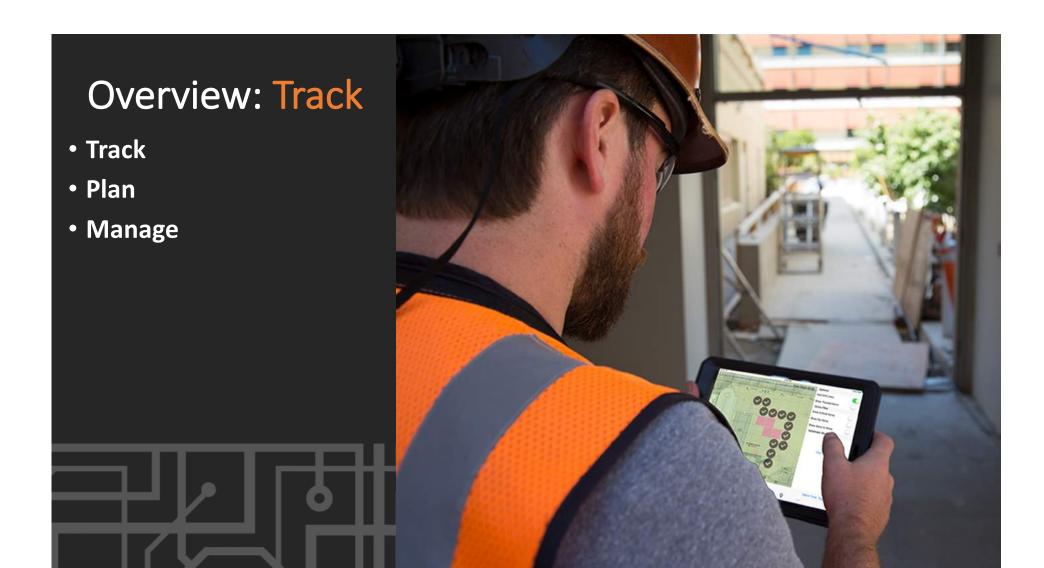
- Will revolutionize all phases of a project
 - Planning
 - Production
 - Finalizing
- Bring value to the industry and society





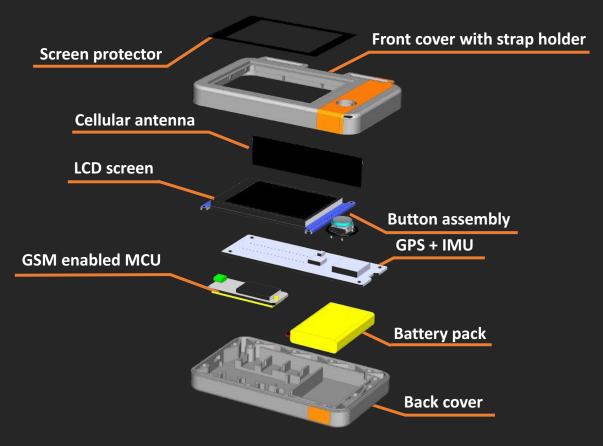


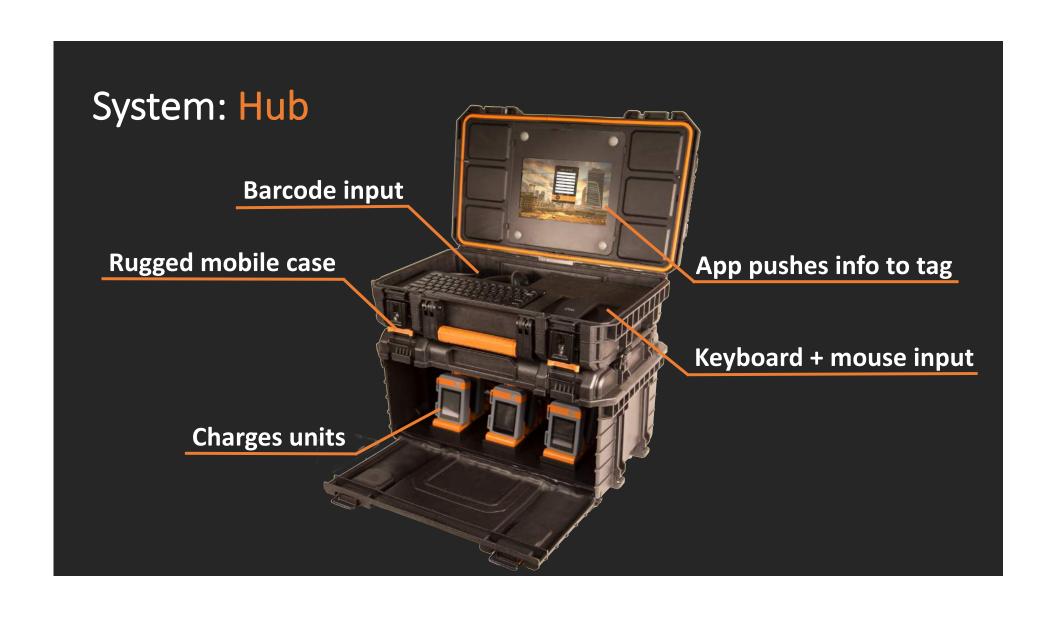






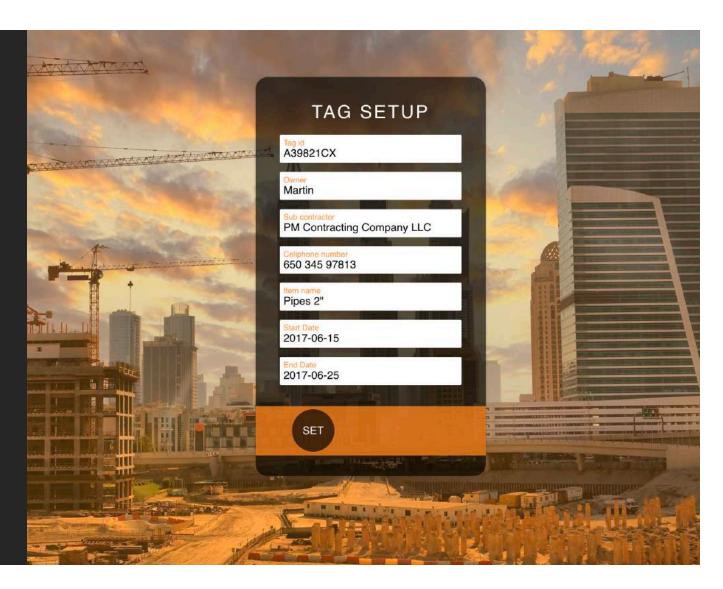
System: Tag

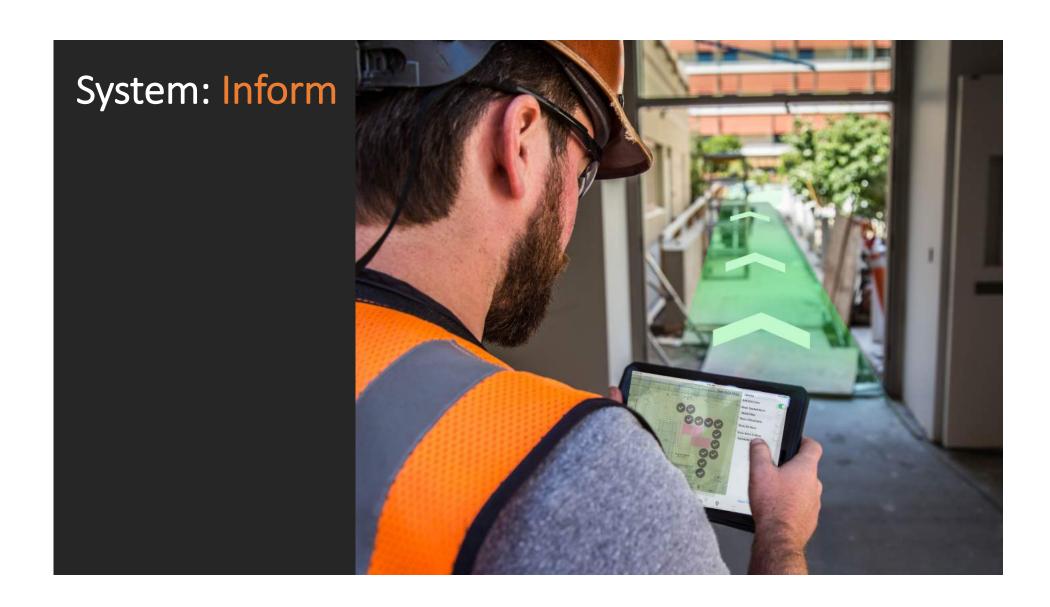




System: Hub

- Integrates delivery
- Upload to device

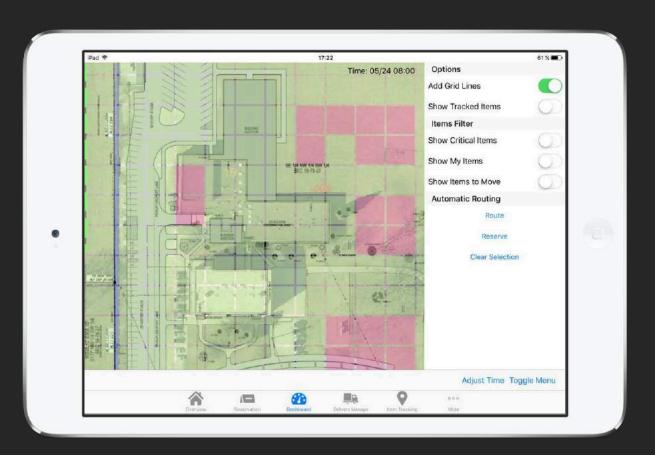




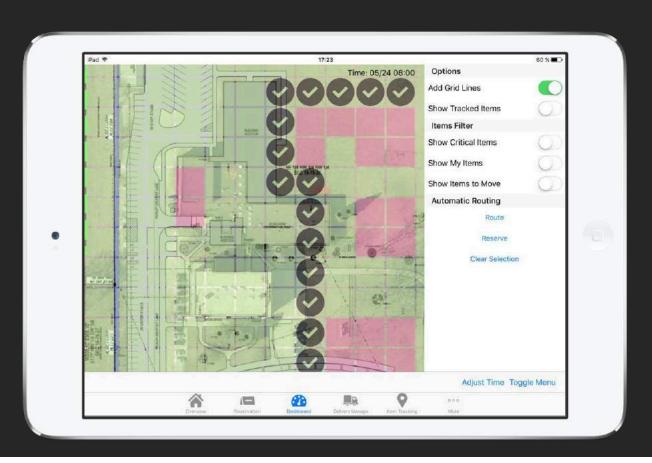
System: Track items



System: Reserve Space

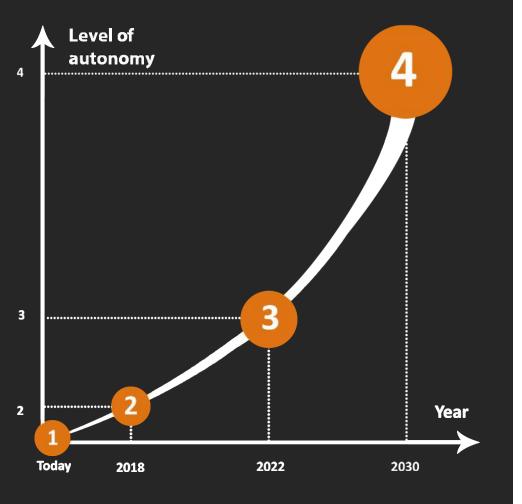


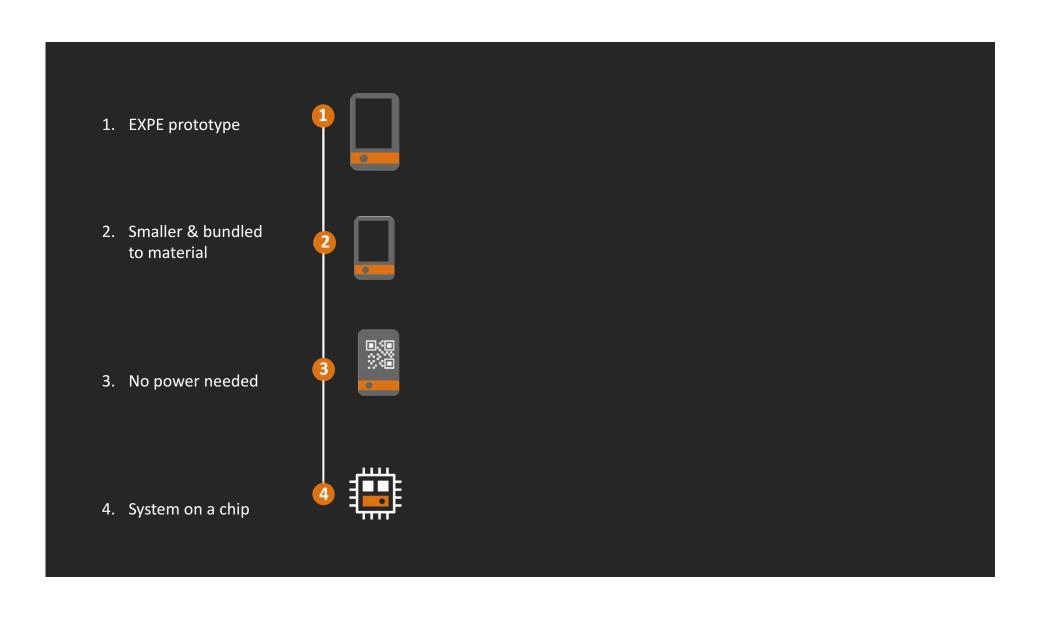
System: Plan routes



Going Forward

- 4. Work site fully digitalized
 - 10x site operation reached
- 3. Automated machines deployed
 - Utilize infrastructure
- 2. Product in use globally
 - Laying the foundation
- 1. Prototype, ME310 EXPE





Thanks

Teaching team:

- George Toye
- Larry Leifer
- Kate Stephenson
- John Richardson
- Christian Johansson

- Samuel Frishman
- Nick Azpiroz
- Danee Kenyon
- Teresa Tombelli
- Ryan Ruvald

Sponsors:

- Jenny Elfsberg
- Martin Frank

DPR partners:

- Jonathan Mayfield
- Salman Usmani

Questions?

For more, please stop by our booth across the street!