Ike

Building an automated trucking solution

November 17, 2020

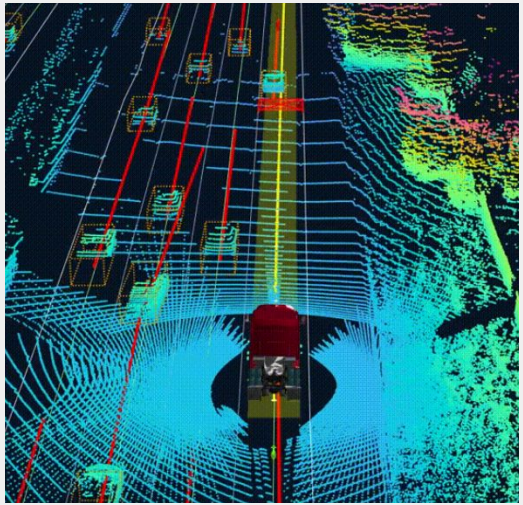
Chelsey Tanaka, Head of Product

Ike Confidential

What is an automated truck?

VEHICLE

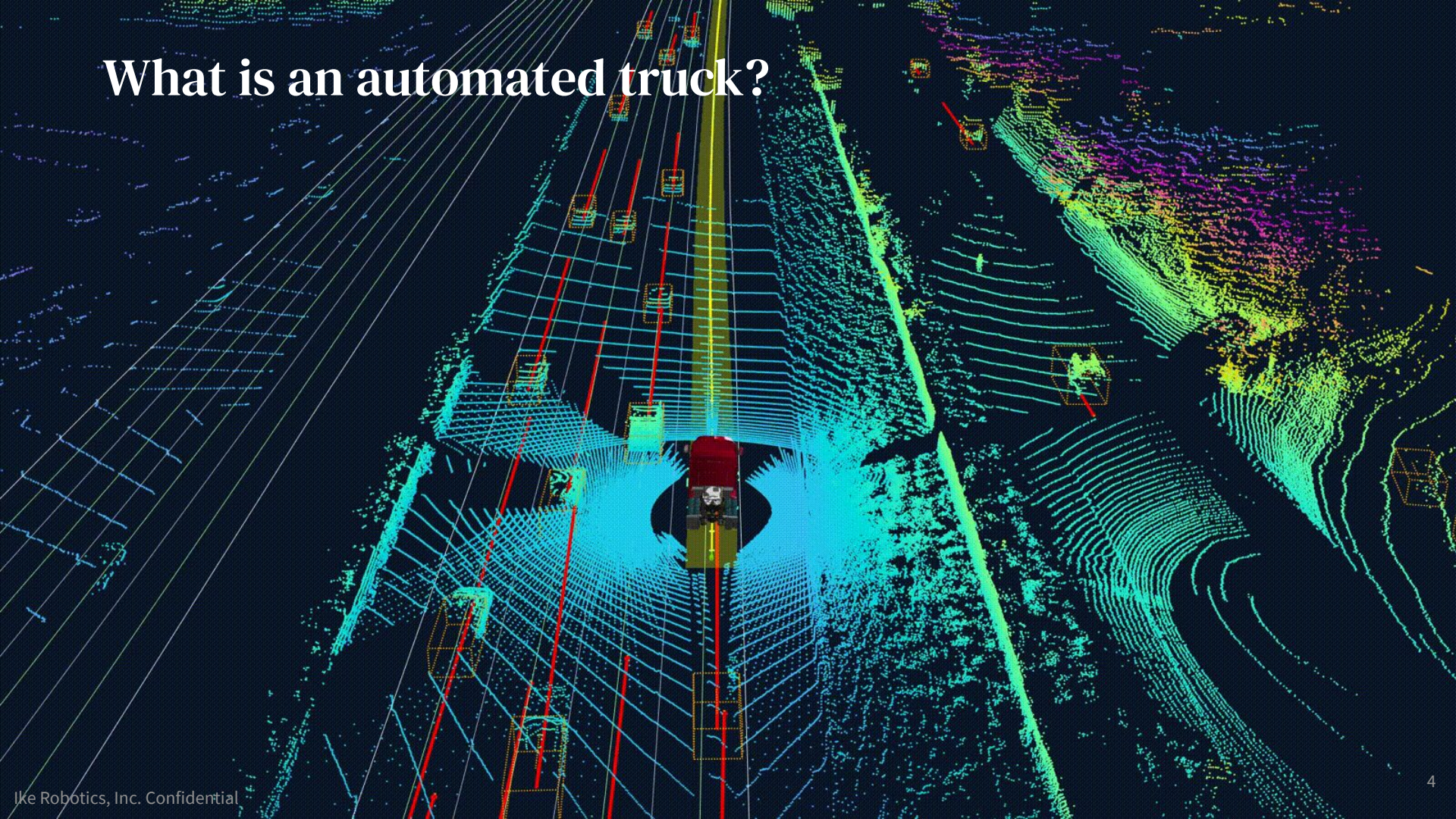
HARDWARE



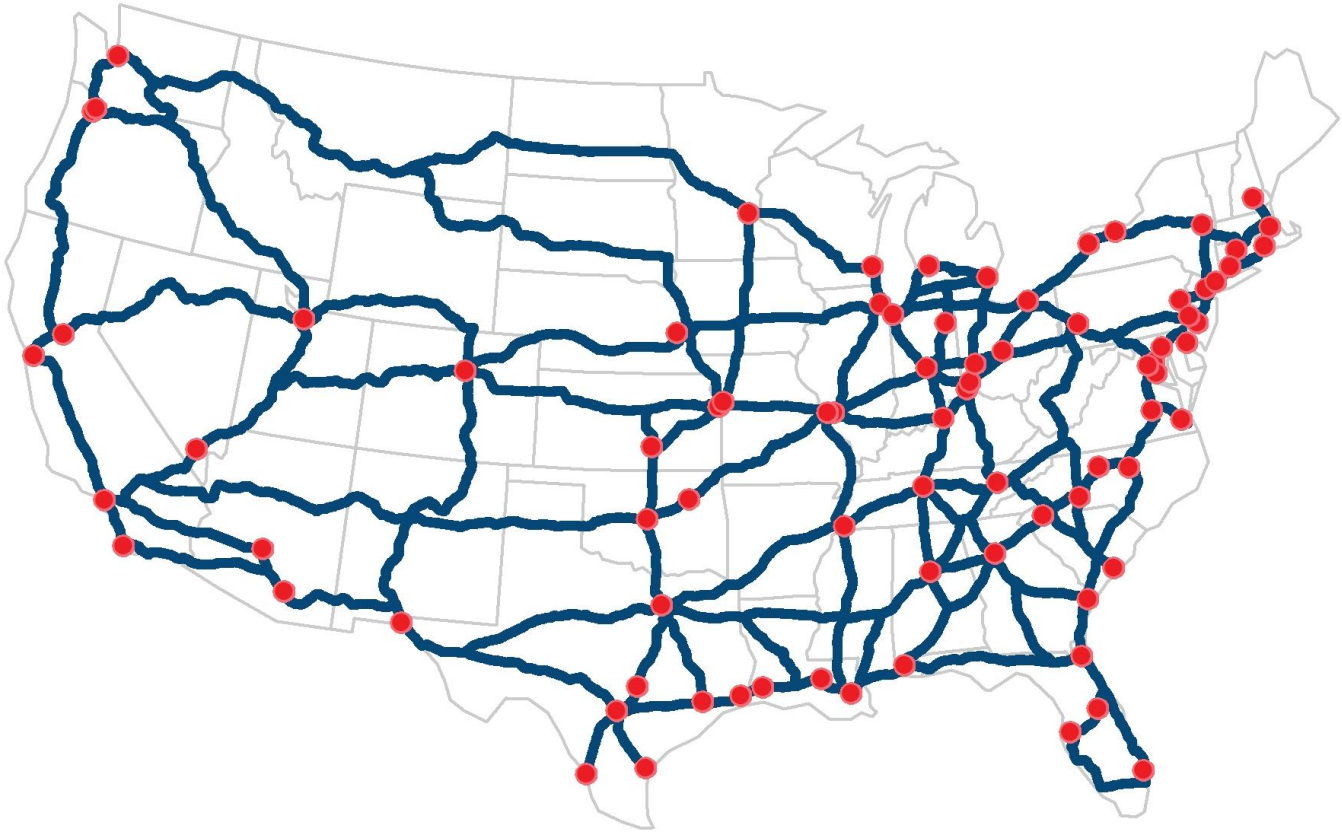
SOFTWARE

AUTOMATION SYSTEM

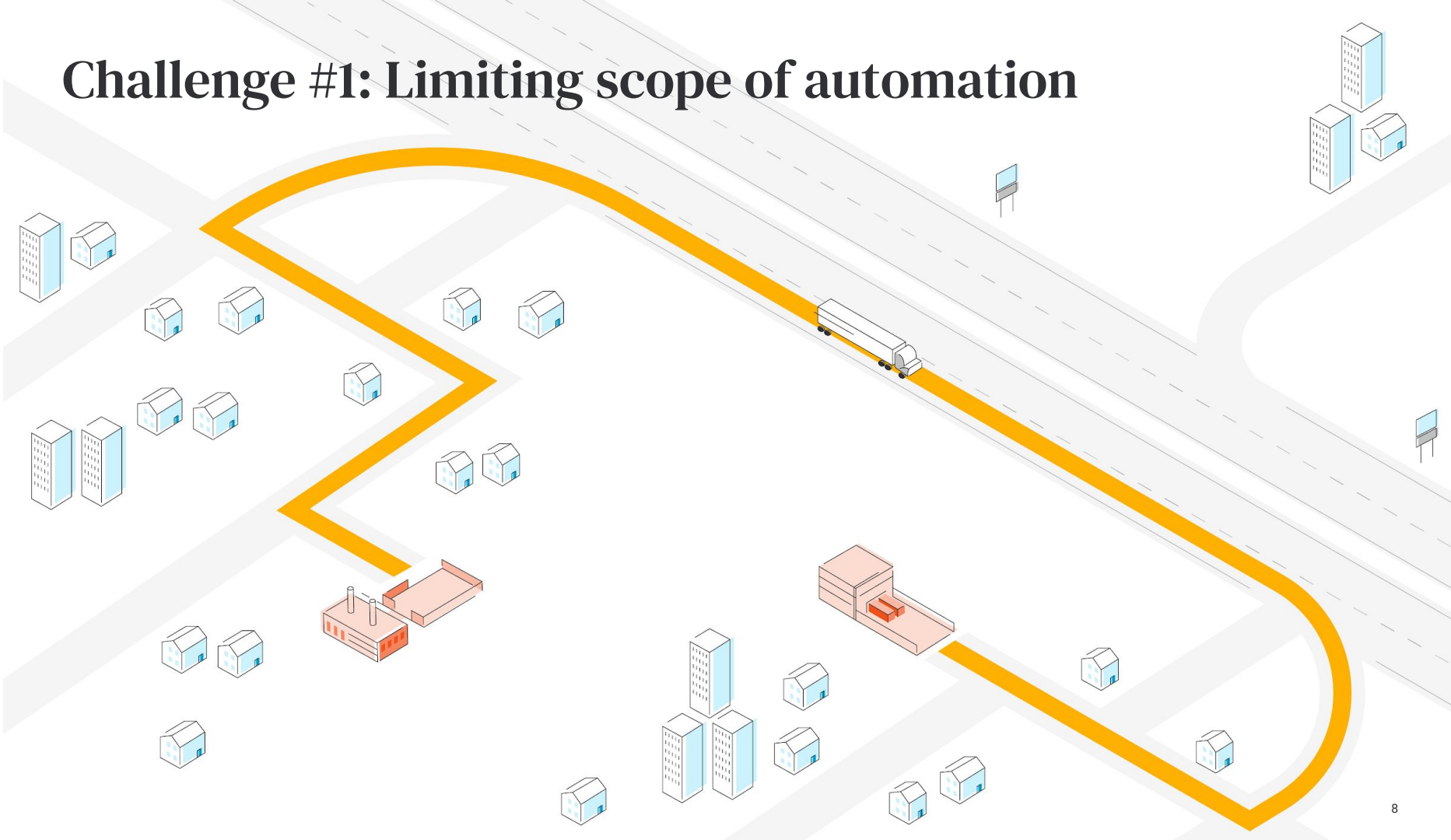
What is an automated truck?



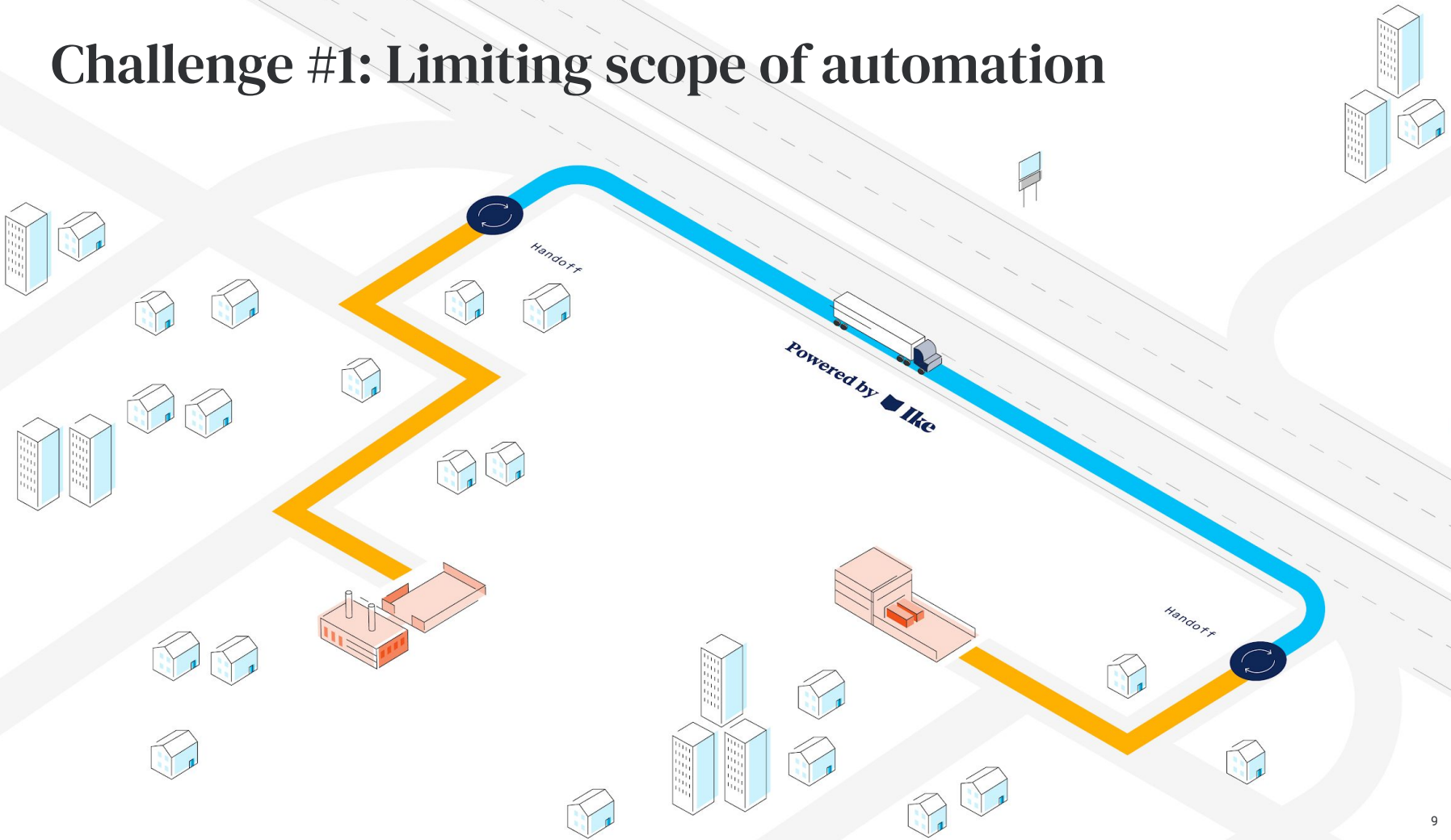
Interstate Highway system



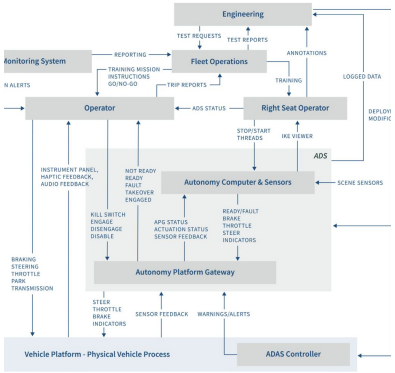
Challenge #1: Limiting scope of automation



Challenge #1: Limiting scope of automation



Challenge #2: Validation



REQUIREMENTS

Define clear product and technical requirements, including validation metrics, for each function

DEVELOPMENT

Build hardware and software functionality, collect scenes and scenarios for simulation, test and improve function performance

VALIDATION

Test functionality against requirements in simulation and track testing to ensure high performance

ROAD RELEASE

Deploy to vehicles for further validation in real world

Challenge #3: Commercialization

Ike
1
IKE ROBOTICS INC
US DOT 3183581

Ike Confidential