Building an automated trucking solution

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What is an automated truck?

**VEHICLE**

**HARDWARE**

**SOFTWARE**

**AUTOMATION SYSTEM**
What is an automated truck?
Interstate Highway system
Challenge #1: Limiting scope of automation
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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