

Consensus Safety Measurement Methodologies for ADS-equipped Vehicles Workshop

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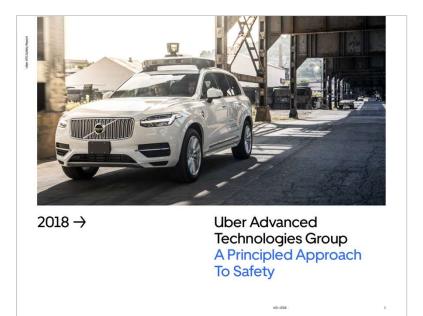


ADS Safety Challenges

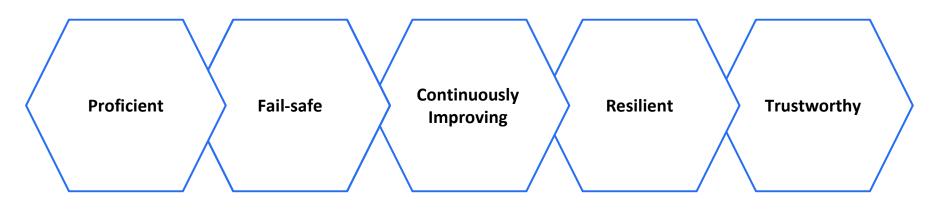
- Technology development is outpacing progress on standards and regulations
- Defining How Safe is Safe
- Developing Mission Critical Software
- Perception Uncertainty and Capability
- Challenges with identifying AI Requirements and Explainability
- Inconsistent Approaches to Safety

Following DOT Guidance A Principled Approach to Safety





Uber ATG's Safety Principles



We are developing a safety case that demonstrates conformance to these principles

ADS Standards Workstreams

- NIST Safety Measurement Methodologies Workshop
- SAE
 - AV Consortium
 - Standards Committees
- UL4600
- NHTSA Research/University Transportation Institutes