

Highly Automated Driving Test Center

Dylan Dawson, Business Developer Tech Day, San Jose, 2018 Nov. 8



Development is underway!

The HAD Test Lab is an end to end tool chain for development in the autonomous driving space

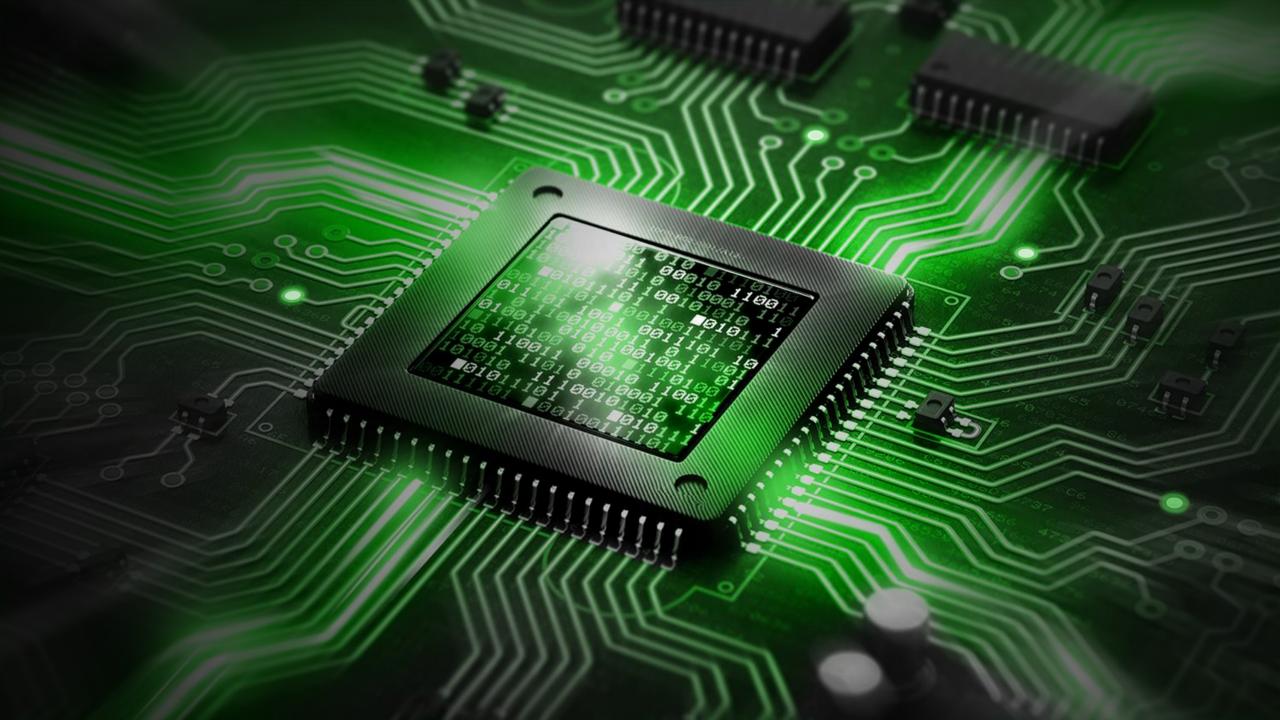




Let's work together to close the gap between vision and reality.





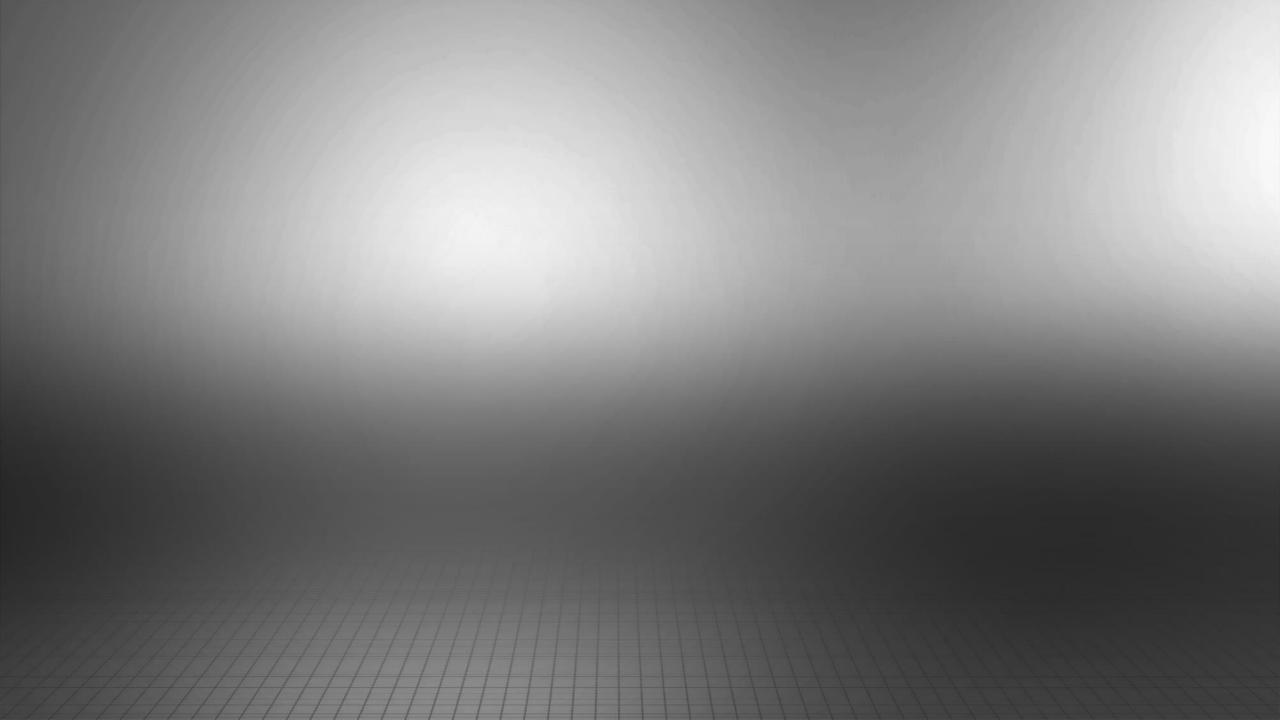


Verification and validation of automated driving.





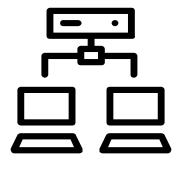


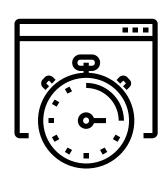


150 million to 8.8 billion test miles.







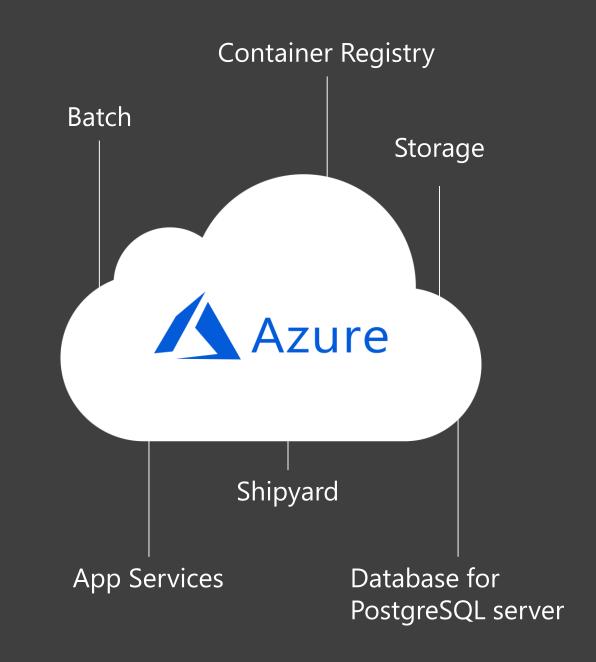


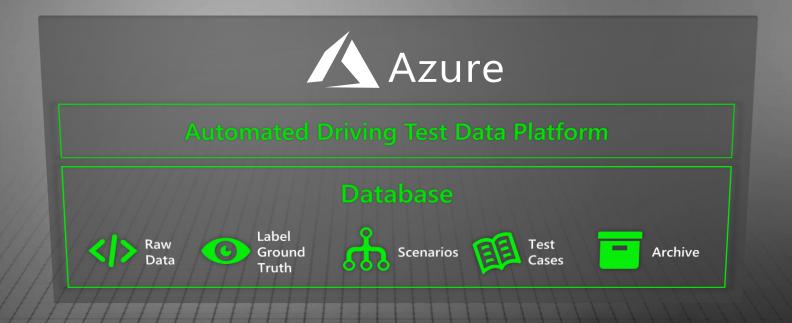
6 years

5 years

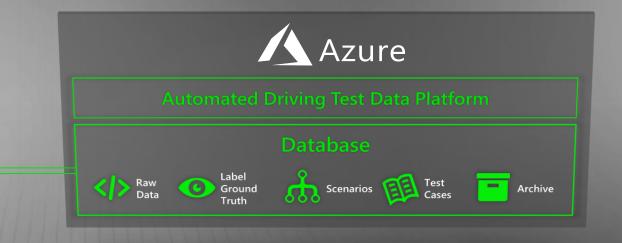
2 weeks

Test Center for automated driving built with Microsoft Azure.





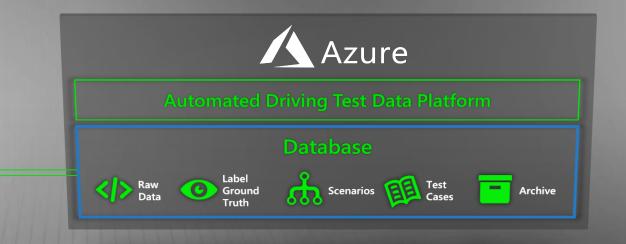
Test drive recording



Scenario generation



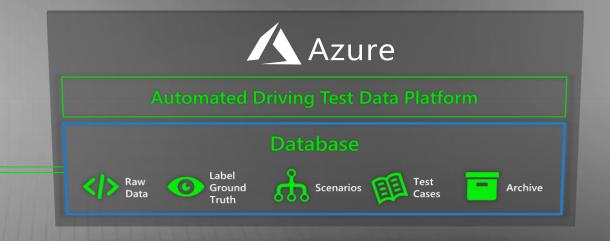
Test drive recording



Scenario generation



Test drive recording



Scenario generation



Data Enhancement



Test Case Management

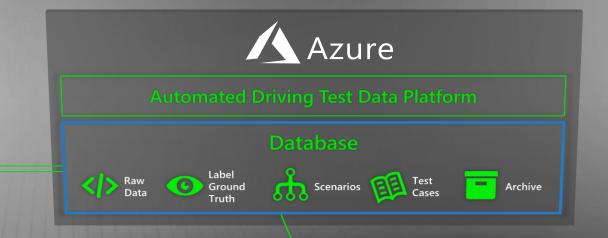


Test Execution



Test Postprocessing





Test drive recording

Scenario generation



Data **Enhancement**



Test Case Management



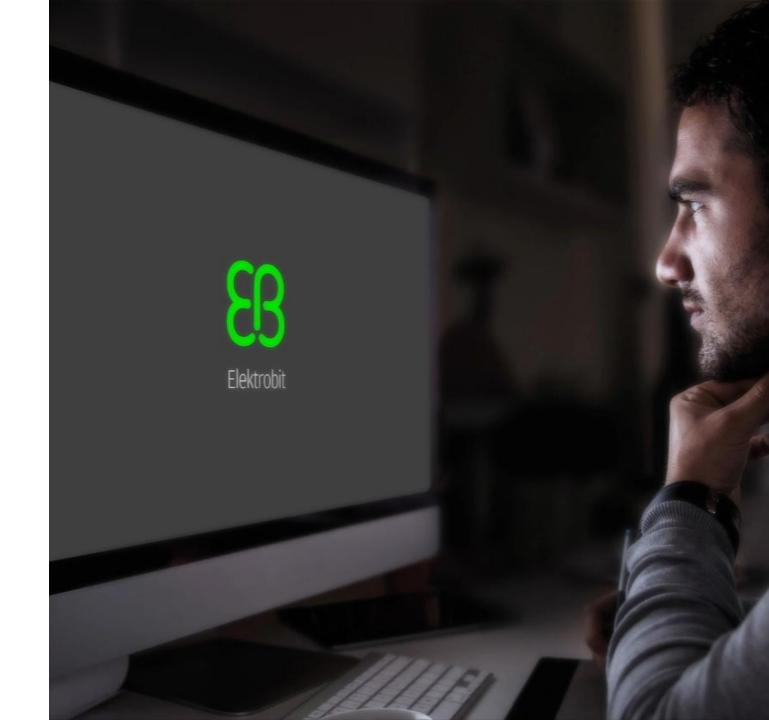
Test Execution

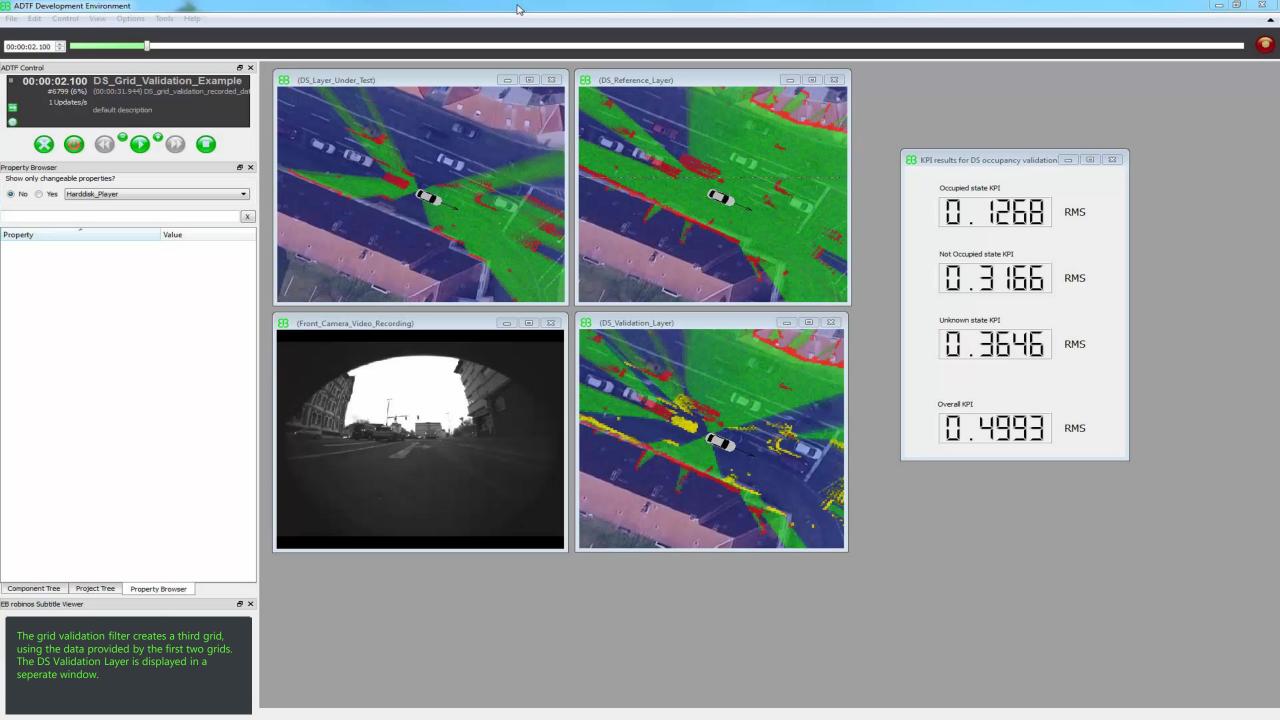


Test Postprocessing



Database with millions of real and virtual driving scenes.



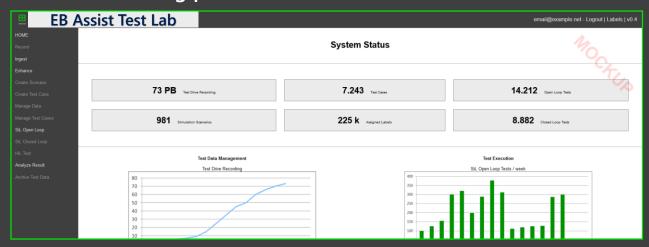


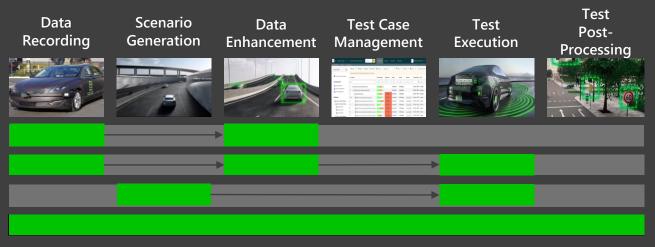


EB's Activities (Test Lab Development roadmap)



Test Lab – binding product to front end interface





Demos

- Along the customer journey
- Informed by customers specific pains
- Target: test MVP features and define MVP scope

Minimal Viable Product (MVP):

- customer can use it without guidance
- High quality & reliable core functionality
- "Go to market ready"

- Demo 1: Nov '18, Equinix data ingestion using EB tools
- Demo 2: Dec ´18, Test execution with customer code element
- Demo 3: Feb ´19, IDEA: Simulation according to upc. standard
- Demo: 4 May '19, Test Case Management + Test Post Processing

Flexible and scalable infrastructure.



Test Center for automated driving.

Let's connect!







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