EB's test and validation solution
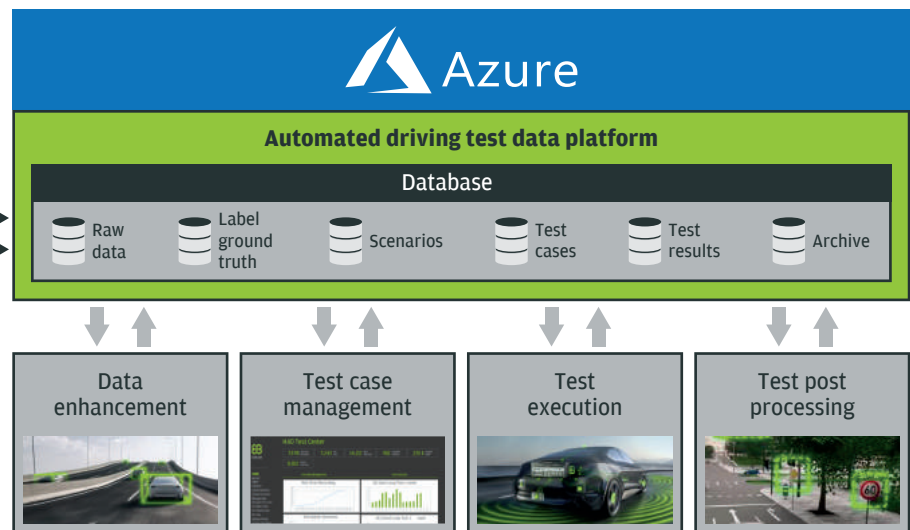
Bringing automated cars on the road
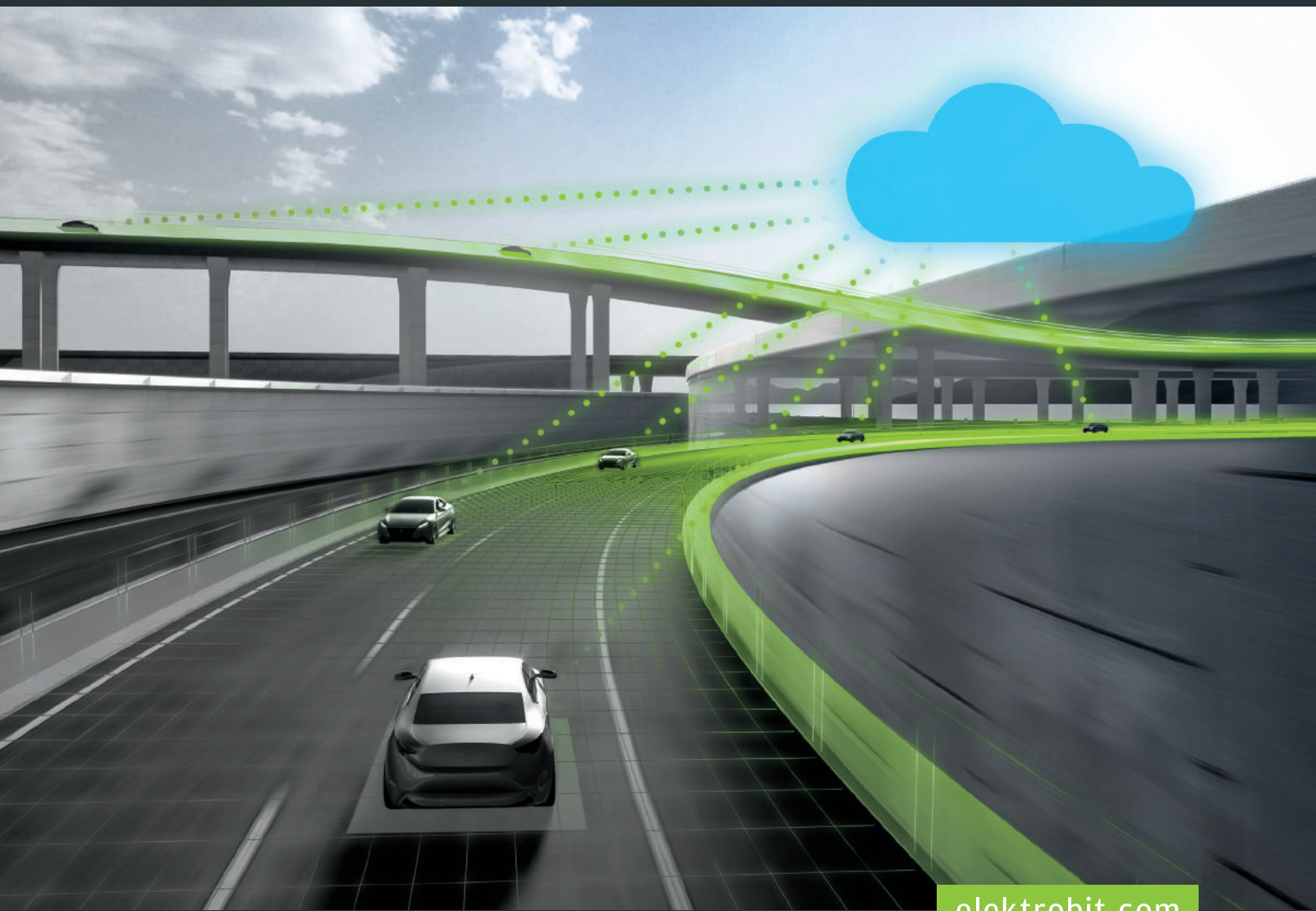
Testing and validating automated driving functions and systems are extensive tasks and require an enormous amount of testing. Millions of miles of driving scene recordings and large amounts of simulation data needs to be managed.

Mastering the challenge with EB's test and validation solution for automated driving

Test drive recording
(replaying open loop testing)

Scenario generation
(simulation closed loop testing)

Azure

Automated driving test data platform

Database

Raw data | Label ground truth | Scenarios | Test cases | Test results | Archive

Data enhancement | Test case management | Test execution | Test post processing

Highlights

▸ Flexible platform covering data from real driving scenes and from simulation provides the basis for all required use-cases for validation

▸ Automated labeling and data enhancement to handle the rising amounts of required test drive data at reasonable expenses

▸ Management, execution, and post-processing of parallel tests accelerate the validation process

▸ Leverages Microsoft's Azure cloud-computing platform for maximum flexibility and scalability

▸ Open interfaces create a comprehensive solution with partners, answering the needs of car makers and suppliers

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