

Ideation and Telematics

ASAM Telematics Reference Architecture

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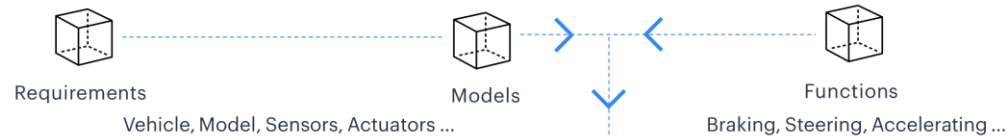
Overview

Automotive Electronics Engineering

Vehicle Electronics Development

Model-based Systems Engineering

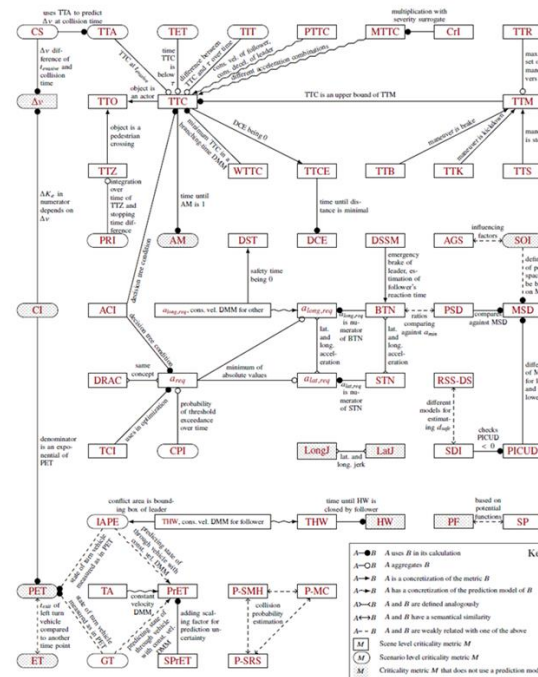
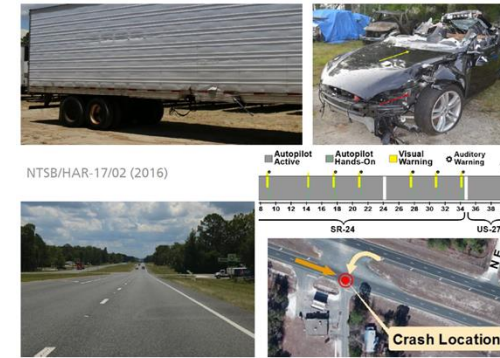
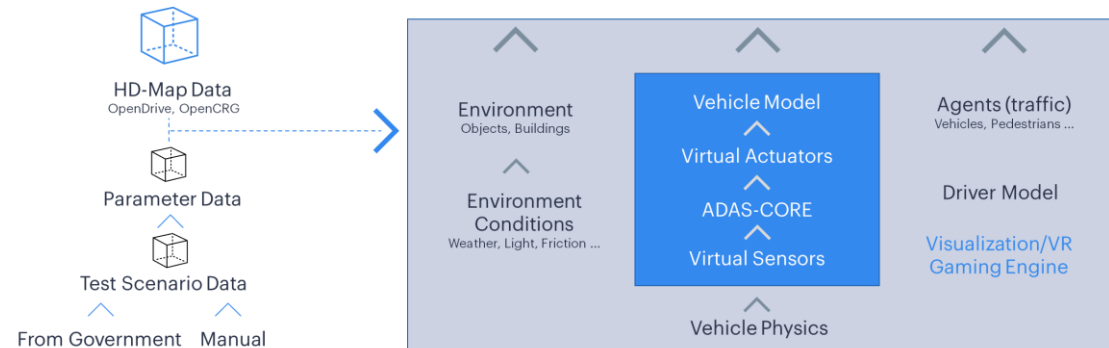
Functional Engineering



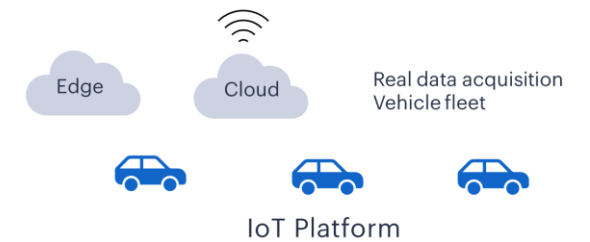
Simulation for Validation

Scenario Data Management

Vehicle Environment Agent Simulation



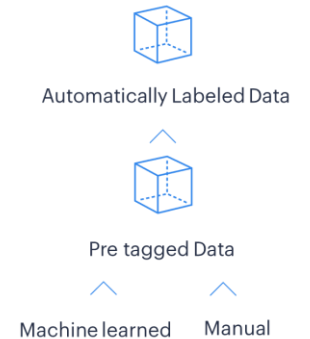
Raw Data Management



Machine Learning

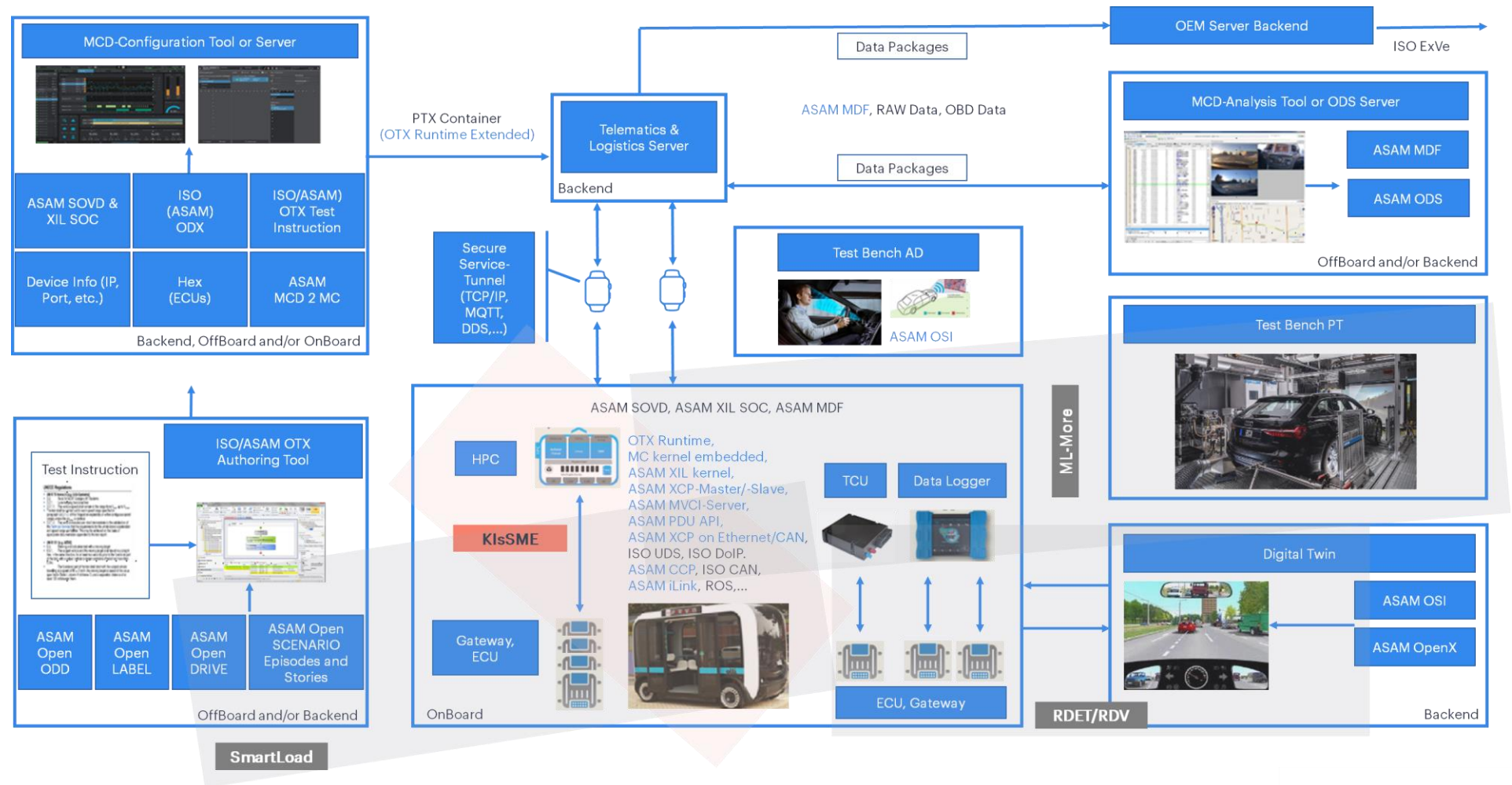
Big Data Analytics

Situation Labeling



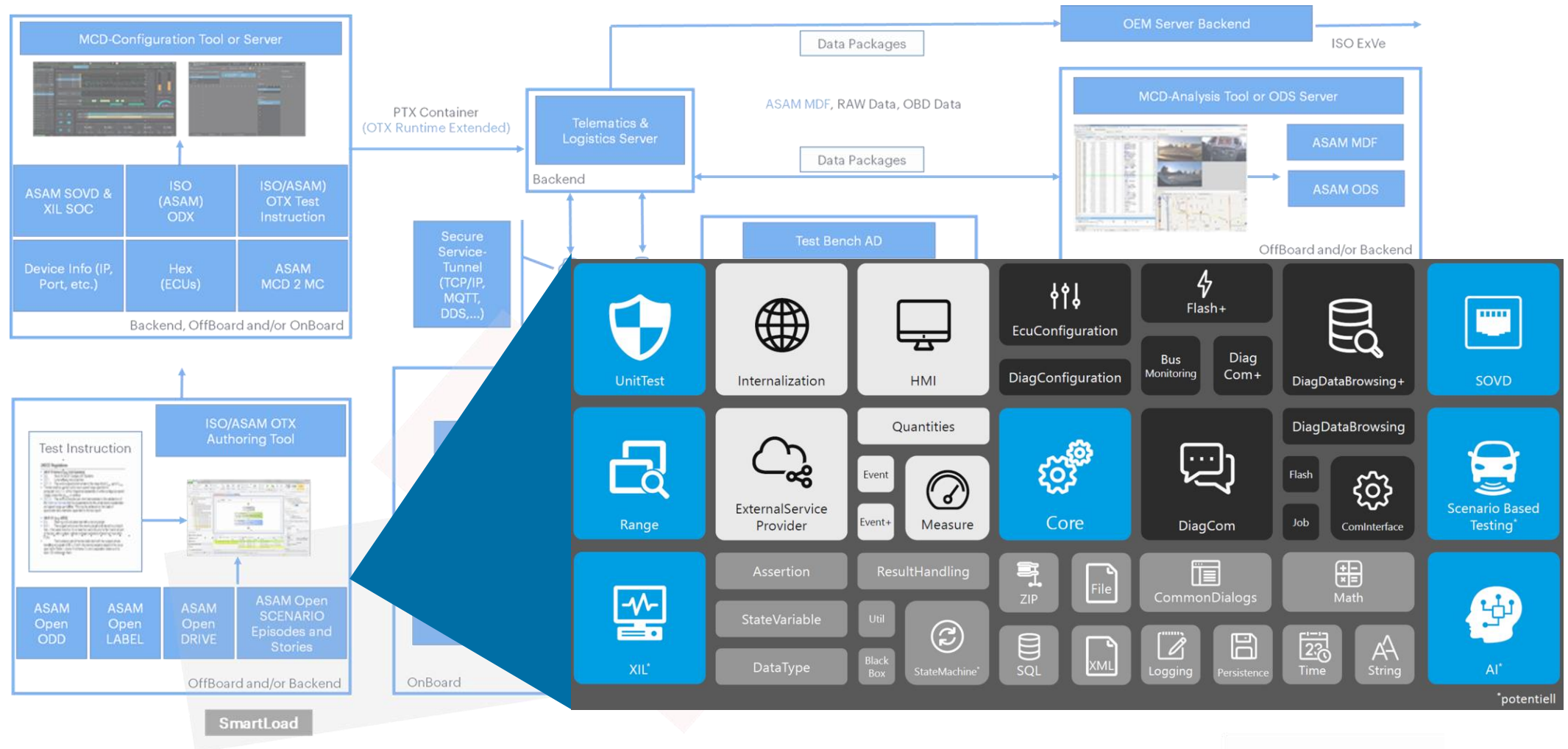
The Big Picture

Interoperability of ASAM standards in different Application domains



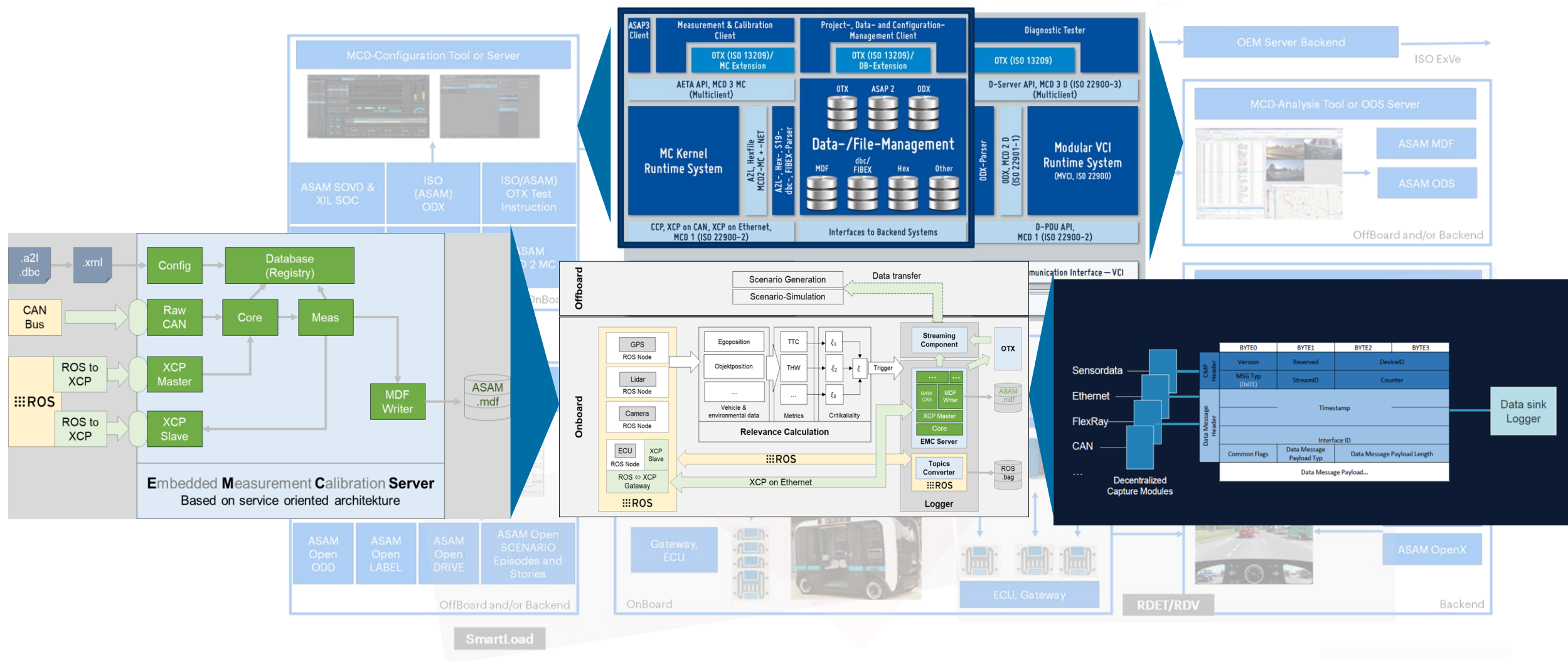
ASAM telematics reference architecture

Scenario-based test using OTX and OSC 1.0



ASAM telematics reference architecture

Detection of critical scenarios and selectively capturing raw data



Thank you for your attention!

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