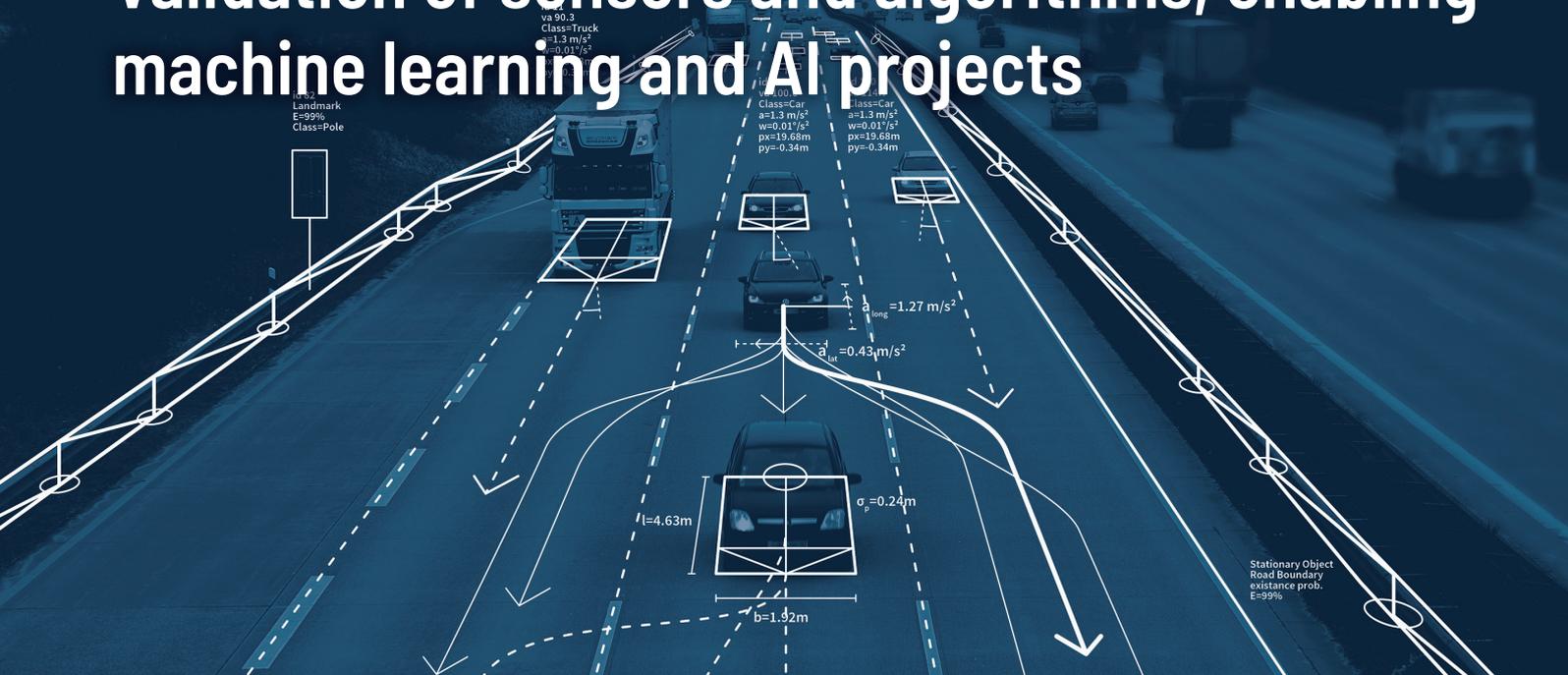


# MOSAIK Suite™

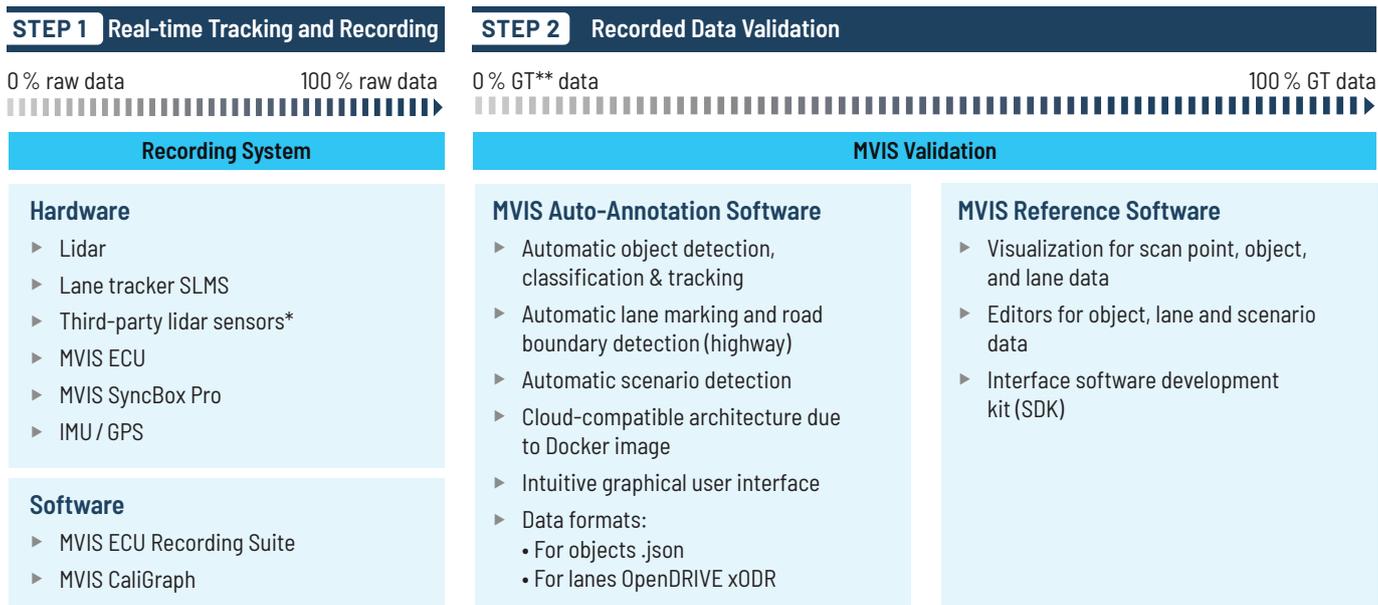
## Validation of sensors and algorithms, enabling machine learning and AI projects



### Key Features

- ▶ Offers the complete toolchain from a single source
- ▶ Includes MVIS Auto-Annotation software
- ▶ Automatically annotates objects and lanes
- ▶ Scalable due to cloud-compatible architecture
- ▶ Supports data of selected third-party lidars
- ▶ Allows for manual editing of objects and lanes
- ▶ Compatible with MVIS SyncBox Pro

### Toolchain



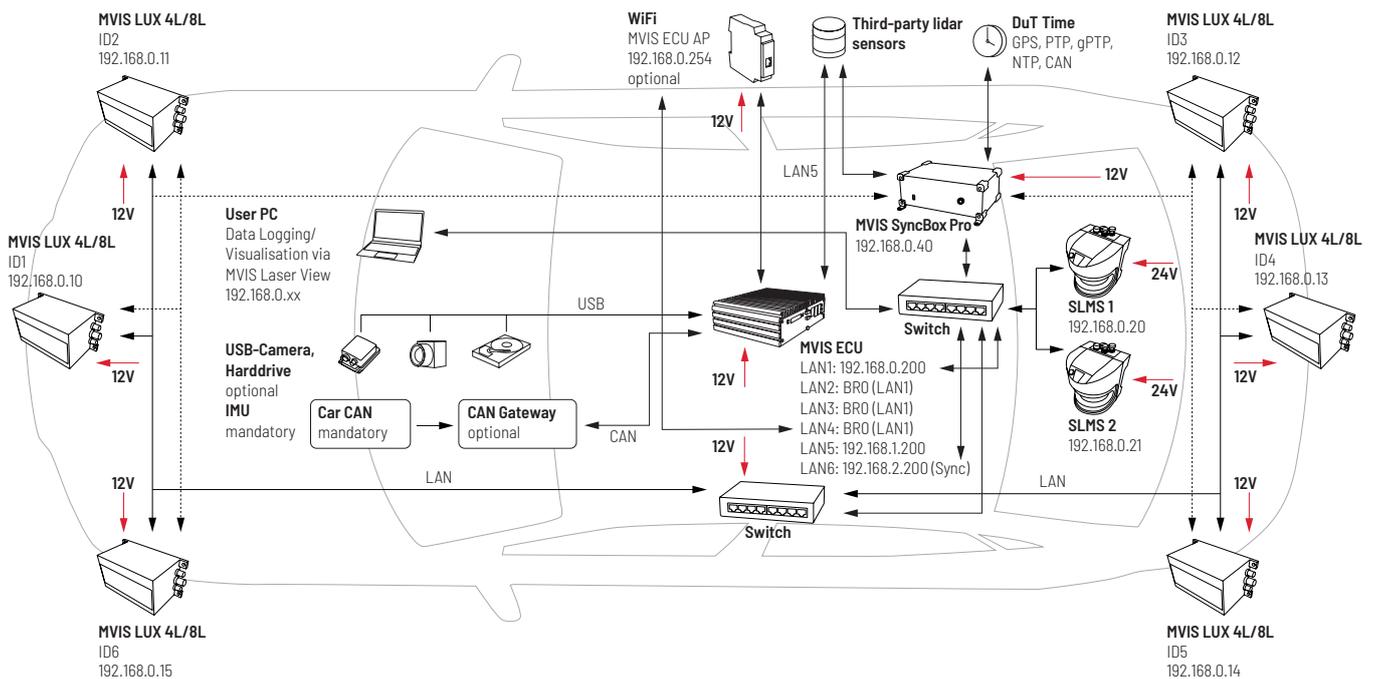
\*Selected third-party hardware not in MVIS product portfolio; real-time object data not available

\*\*GT = Ground Truth

Safe mobility at the speed of life



## System Architecture



## MOSAIK Suite™: Our Difference



### Third-Party Lidar Data Support

- ▶ MOSAIK Suite™ supports selected lidar devices from other suppliers
- ▶ Offers increased flexibility through support of third-party lidar devices (e.g., 360° lidar on the rooftop)
- ▶ Enables simultaneous operation of different devices to accommodate any use case



### Object and Lane Editing

- ▶ Quick and intuitive tools to increase object and lane quality of the reference data manually
- ▶ Enables modification of objects and lanes, such as position, orientation, and classification
- ▶ Applies changes to the entire object track instead of frame-by-frame editing



### MVIS SyncBox Pro

- ▶ Time management device that synchronizes all systems in the car to a single source of truth
- ▶ Able to function as leader clock or follower clock for each connected component or protocol
- ▶ Ensures data time quality of all systems in the car
- ▶ Supports all common time protocols (such as PPS & NMEA, gPTP/PTP, NTP, CAN) and can be configured to the use case accordingly
- ▶ Monitors synchronization status for various interfaces