

# Data Intelligence: Changing the Future of Autonomy

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## Autonomous R&D vehicle workflow

The research and development cycle









#### Data acquisition

Sensor integration Sensor calibration Sensor logging Image capture Storage

### Data classification & labeling

Manage data lifecycle Tagging/annotation Sensor truth Deep learning OD training Map creation

### Application development

Sub-system development
Deep learning OD
inferencing
Watchdog application
Security
Compliance

#### Simulate, drive and test

SIL/HIL full simulation Vehicle integration Validation



