

Road Videos



Video  
Processing



State DOTs

## Data Importer

Pavement  
Condition

Weather  
Information

Road  
Geometry Data

## Configuring

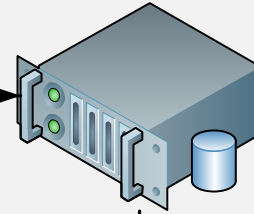
Tested AV  
Control Model

User  
Configurations

Frontend

# Backend

## Database



Training

## Inference Engine



Server  
Clusters

## Simulator

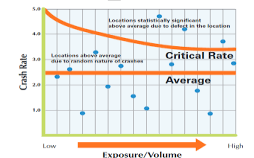
Vehicle Behavior  
Model

AV Safety Model

# Frontend

## Result Display

Crash Rate  
Report



Case  
Visualization

