Technology Map: From solely camera input, we can unearth actionable data and provide collision mitigation

INPUT

CAMERA → MIDDLELAYER

OUTPUT

POINTER
light
sound

Tessel

Bonus Goal: Projector

RADIO

DSRC

Dedicated Short Range Communications (DSRC)
5G

PUSH

911
Law Enforcement

LOCAL – ON CHIP

ENTITY CLASSIFIER — OpenCV

ENTITY MONITORING (ANONYMOUS) — OpenCV

HEURISTICS — ???

FORECASTING — RGB hack

ALERT — Push

AGGREGATOR

ANALYTICS — Meteor.js
Real-time hyperlocal traffic
Historical bulk data

REMOTE – IN CLOUD

LEARNING — Indico.io (maybe others)

STORAGE — Hadoop