

**Adas
Groupement**



CONTACT

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STAFF

130 salariés

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► **MOV'EO R&D PROJECT**
E-MOTIVE

► **KEY INNOVATIONS**
Pattern recognition, real-time neural technology, sensors mergers, Road detection with / without marking

► **TARGETED MARKETS**
Partially or fully autonomous vehicle demonstrators

► **MAIN CUSTOMERS**
Universities research laboratories, Haute-Alsace University (Eastern France)

Perception Kit

Autonomous Vehicle Perception Kit

This kit is made of three parts. RTMaps software is used to acquire signals and images dating them precisely, to integrate processing modules for perception, decision-making, command control and to replay synchronized data from the sensors to allow developments and offline testing. The RoadNex module detects the road ahead of a vehicle from a camera, while the ObstaNex module detects obstacles ahead of the vehicle from a camera and an inertial unit. Finally, the Neuro-RBF module allows to develop on your own recognition of forms applications on obstacles detected by ObstaNex (eg recognition of signs, pedestrian recognition ...).

