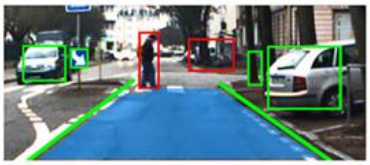


Our onboard technologies bring easier mobility and better safety to everyone

NEXYAD Automotive & Transportation

BMW tech_date LAURÉAT2016

Rated by Early Metrics

FAQ Nexyad ObstaNex

RoadNex – Road Detection	http://nexyad.net/Automotive-Transportation/?page_id=412
ObstaNex – Obstacle Detection (mono cam)	http://nexyad.net/Automotive-Transportation/?page_id=429
ObstaNex BiCam – Obstacle Detection (2 mono cams)	http://nexyad.net/Automotive-Transportation/?page_id=2188
VisiNex Onboard – Visibility Measurement	http://nexyad.net/Automotive-Transportation/?page_id=438
SafetyNex – Risk Assessment in Driving	http://nexyad.net/Automotive-Transportation/?page_id=441

- **Do you have recommendations for camera type to use with ObstaNex ?**
  It depends on what you want the camera to see (ex : to see far means narrow angle)

- **Do you provide the cameras for ObstaNex ?**
  Yes, we can provide cameras positively identified for use cases we know

- **Do you have a module for traffic lights and traffic signs detection ?**
  We can work with a partner to do so on demand

- **What is the difference between ObstaNex and ObstaNex Bicam ?**
  Obstanex is mono cam, ObstaNex BiCam is two mono camera with stereo data fusion (if one camera is down, system is still operating with one cam)

- **Is it possible to do classification of objects using ObstaNex (pedestrian, 2 wheeler, car, truck, etc.) ?**
  Classification needs object class data

- **Do you have a reference list of the demo cars using ObstaNex ?**
  VeDeCoM demo car, Université de Haute Alsace demo car

- **Can ObstaNex software be used without RT-Maps ?**
  No

- **Is it possible to get evaluation licenses ?**
  Yes, we sell evaluation licence running in RT-Maps from Intempora

- **Why your modules have to run on RT-Maps ?**
  We ported on RT-Maps to save time for our customers

We plan porting on Polysync and ADTF

- **Do your modules are ported on Zync (FPGA or ARM) ?**
  We will if we have demands

- **Which inputs are needed to ObstaNex ?**
  Images, longitudinal speed and 3 rotations by gyroscope to get roll, pitch and laces