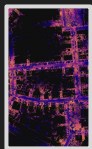




UNLEASH 3D LIDAR POWER

PRODUCT PRESENTATION

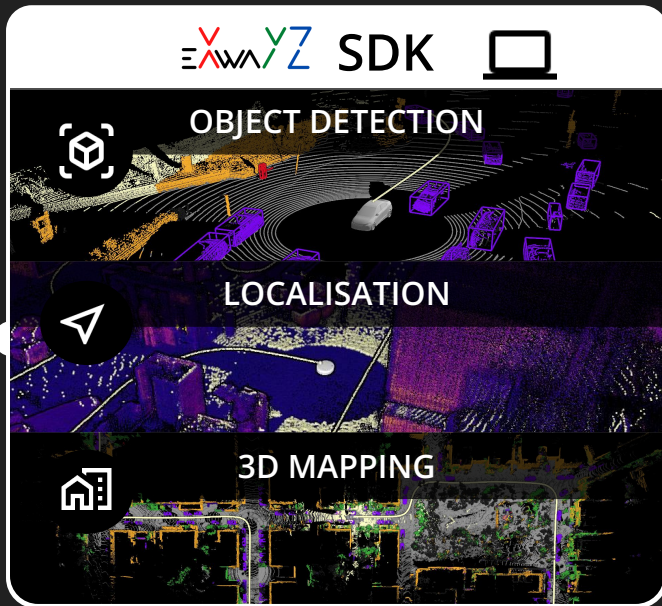


OUR TECHNOLOGY

The first complete SDK for realtime 3D LiDAR processing.

2

WIDE RANGE OF 3D SENSORS

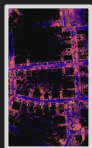


AUTONOMOUS ROBOTS



Sensor agnostic

*Adapted to any
use case*

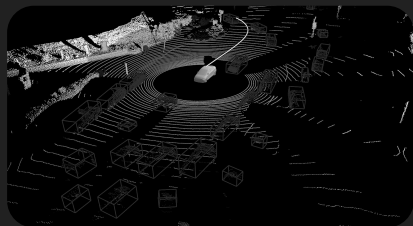


OUR TECHNOLOGY

Object detection and tracking

3

click on the video!



INPUT

Raw point cloud.
(x,y,z) coordinates only.



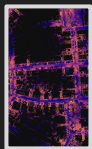
OBJECT DETECTION



Objet 0	Voiture	Position Dimensions	ID = 42
Objet 1	Voiture	Position Dimensions	ID = 43
Objet 2	Piéton	Position Dimensions	ID = 72
...			

OUTPUT

Detected objects list.

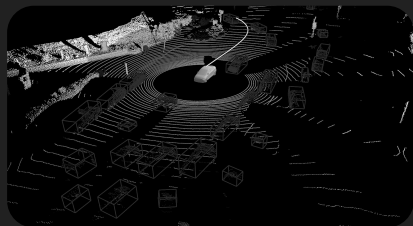


OUR TECHNOLOGY

SLAM and Relocalization

4

click on the videos!



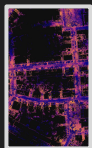
INPUT

Raw point cloud.
(x,y,z) coordinates only.



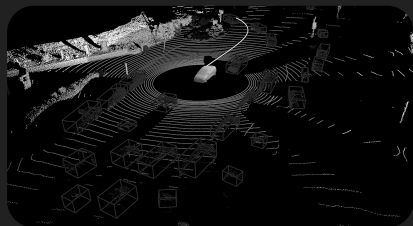
OUTPUT

Position and attitude
(orientation) of the
sensor in 3D at 6DOF.



TECHNOLOGIE

Démo produit



ENTRÉE

Nuage de points 3D brut.
Coordonnées (x,y,z)
uniquement.



DÉTECTION D'OBJETS
ET LOCALISATION

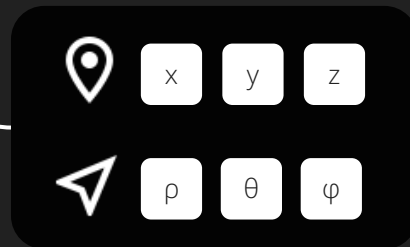
EXWYZ



SORTIE

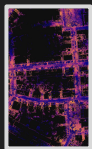
Liste des objets détectés

Objet 0	Voiture	Position Dimensions	ID = 42
Objet 1	Voiture	Position Dimensions	ID = 43
Objet 2	Piéton	Position Dimensions	ID = 72
...			



SORTIE

Position et orientation du robot en 3D

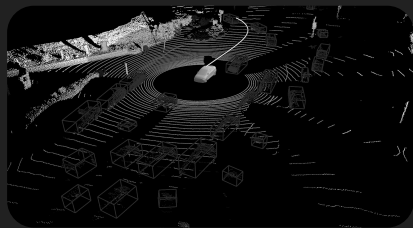


OUR TECHNOLOGY

3D Mapping

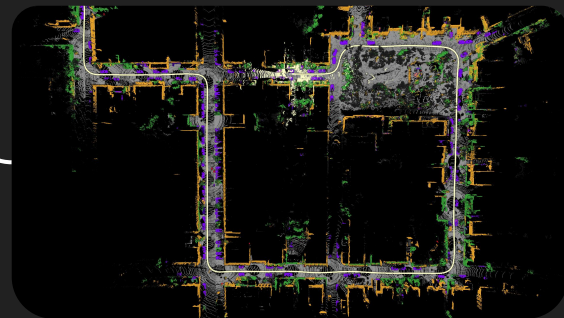
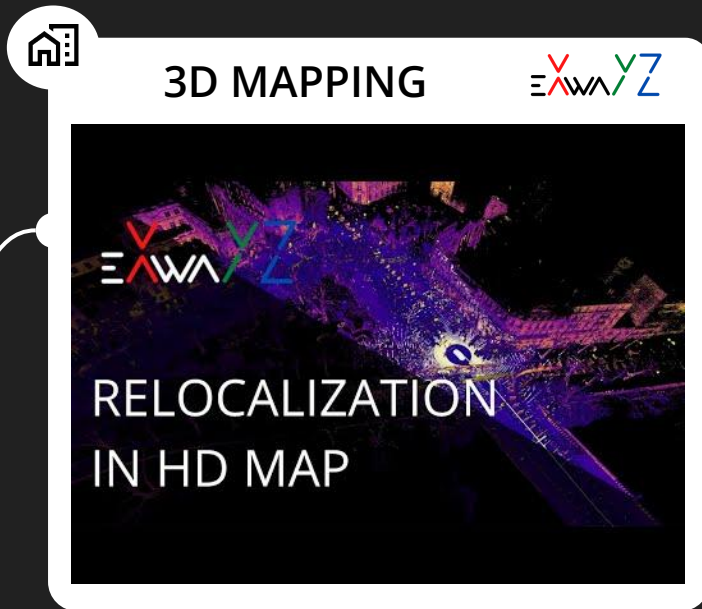
6

click on the video!



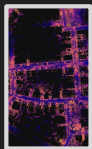
INPUT

Raw point cloud.
(x,y,z) coordinates only.



OUTPUT

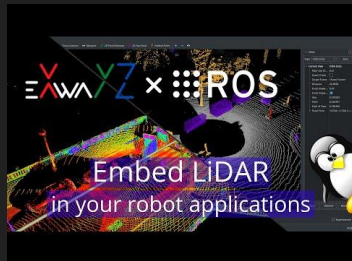
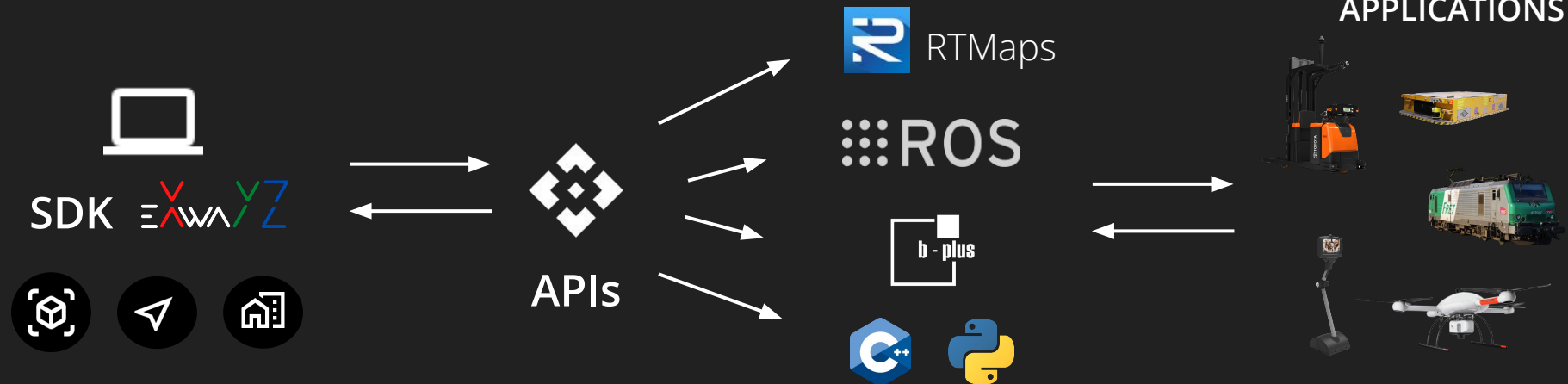
Dense and precise
reconstruction of the
environment without GPS nor
IMU.



OUR PRODUCT

A Software library easy to use and fast to integrate

7



Demo of the ROS API



Example of **low-code** deployment in less than a minute with RTMaps

EASY TO USE

Available under many APIs

Adapted to your technical stack

FAST TO INTEGRATE

2 years

DIY

5 minutes

with XWA

Schedule a personal demo and try now!



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