noun [**out**-sahyt] - *the ability to see and understand external things clearly.*

Experienced founders.

6 exits, including an IPO.

7 Millions products sold, hundreds of hires.

World-class A-Team

of **39** **+***30 under hiring*

63 Patents filed in 12 months.

Cédric Hutchings
CEO

Ex-founder Withings

Raul Bravo
President

Ex-founder Balyo

Sébastien de La Bastie
VP Business

ex-Head Google AI Biz Dev

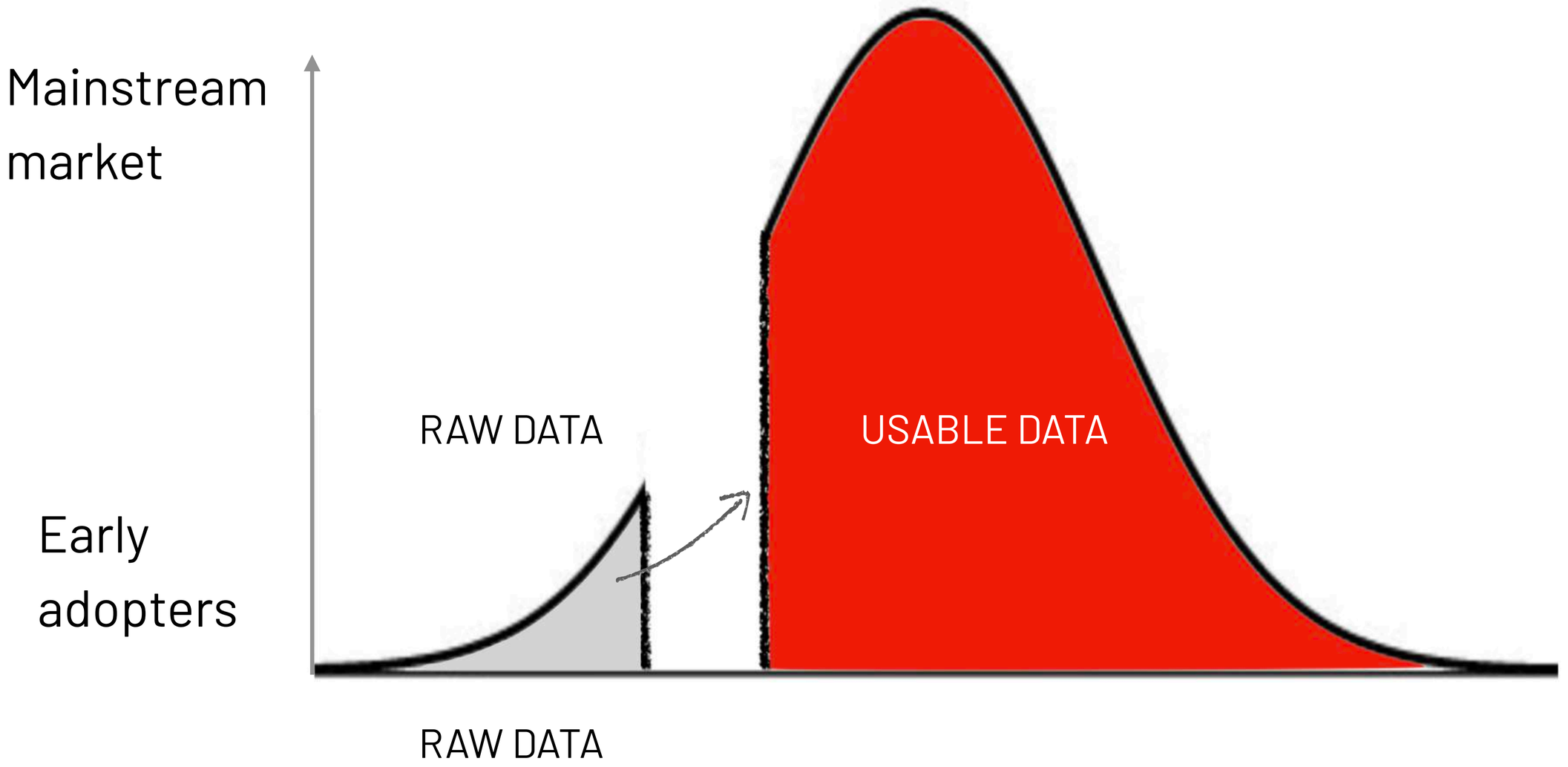
Total funding: 29m€

Paris (HQ) | San Francisco | Helsinki

3D LiDAR will unleash the Spatial Intelligence market.

Emerging new applications will unlock tremendous business value.

The problem with LiDAR adoption curve



outsight

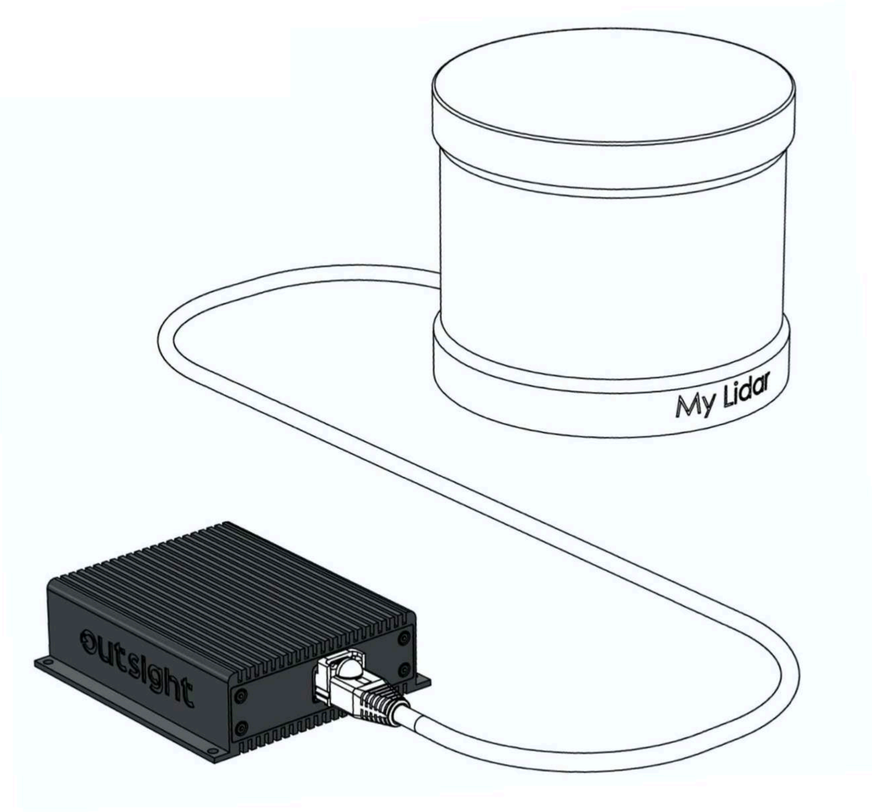
Augmented LiDAR © Box

The easiest way to use LiDAR.

The first 3D LiDAR Pre-Processor

Our solution: the first LiDAR 3D Pre-processor

Augmented™ LiDAR



SLAM on Chip©
- Relative 6DoF Ego-Motion *(up to 1k frames integration)*
- Absolute Localisation within a map
- Geo-referenced pose & position output *(without GPS input)*

Point-wise perception
- Full velocity vector estimate per point
- Voxel-wise classification *(Ground, Moving, Moveable, Fixed, Vegetation...)*
- Free & Drivable space *(instantaneous & integrated)*

Object Tracking
- Detection & Tracking of Static and Moving objects
- Clustered point & Centroid *(instantaneous & integrated)*
- Bounding boxes *(Pose & Position, Velocity, Class)*

Spatial Intelligence

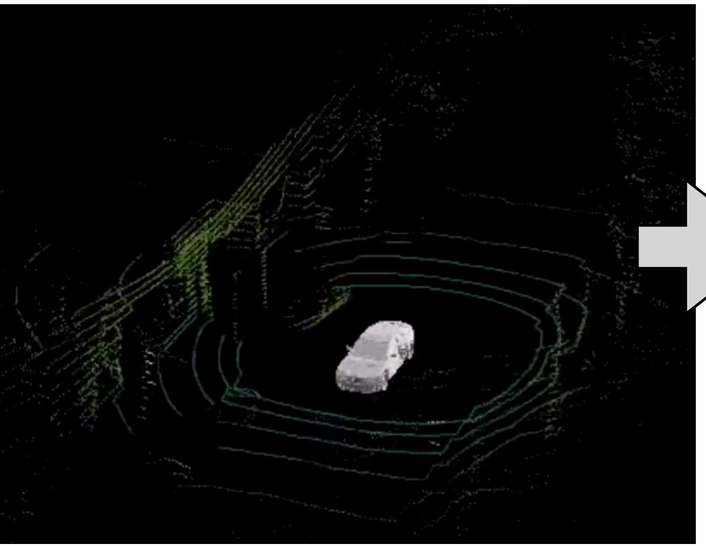
Smarter Premises

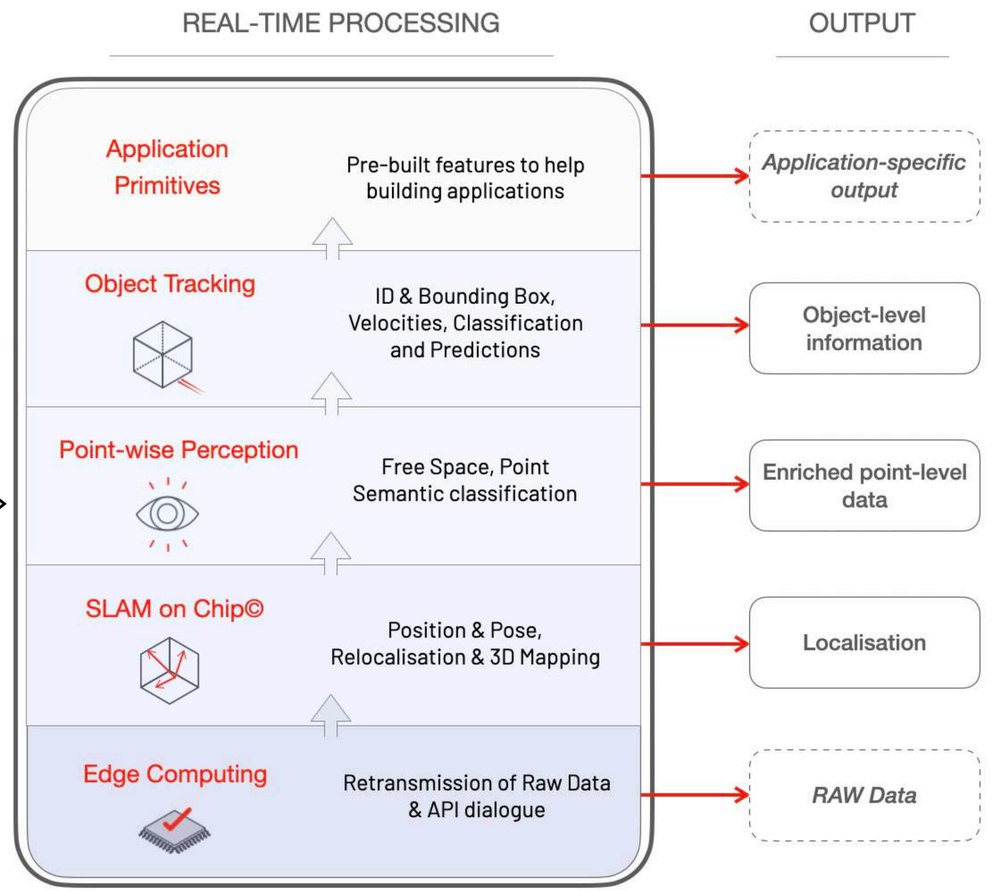
ie. Airports, Shopping Malls…

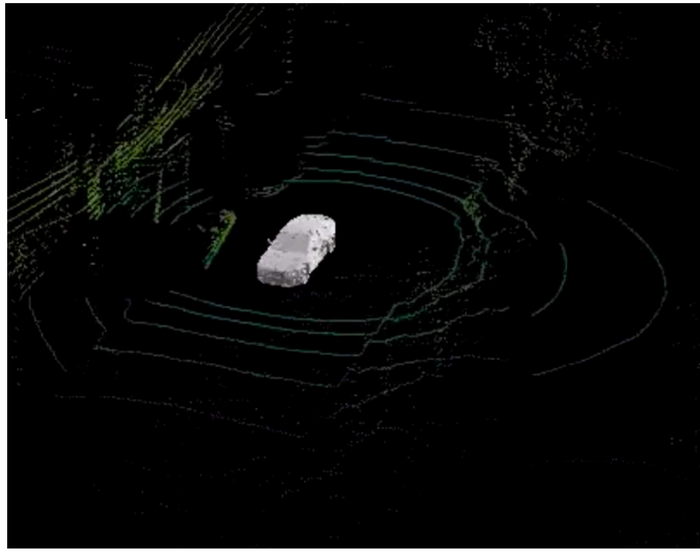
Smarter Machines

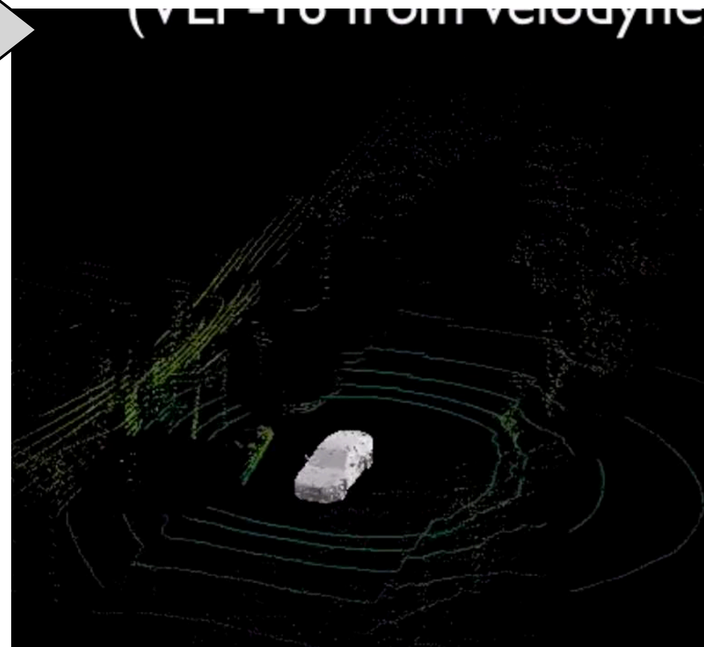
ie. Robotics, Vehicles, Industry

The first Real-time Edge LiDAR computing:

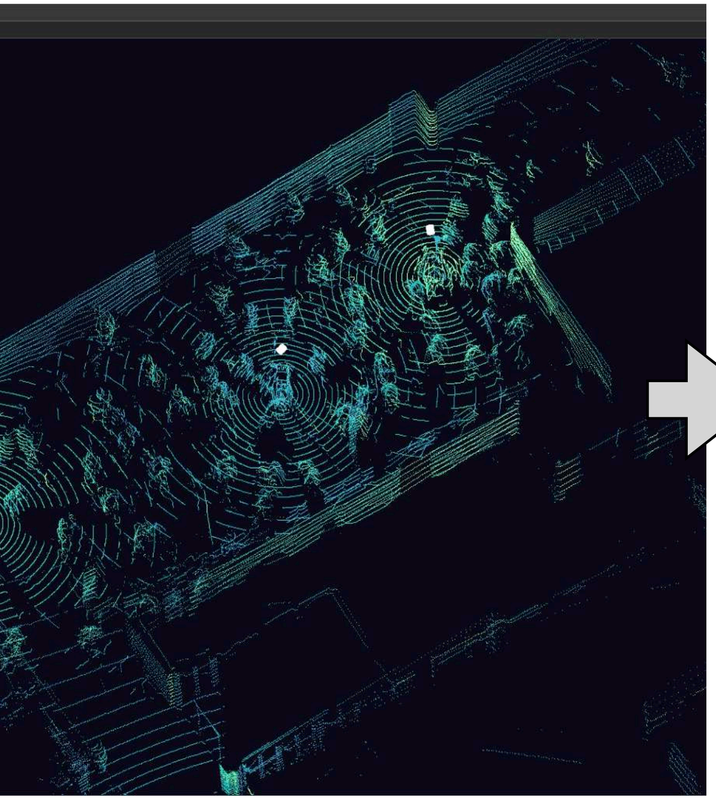








Real-time Edge LiDAR computing:



REAL-TIME PROCESSING

OUTPUT

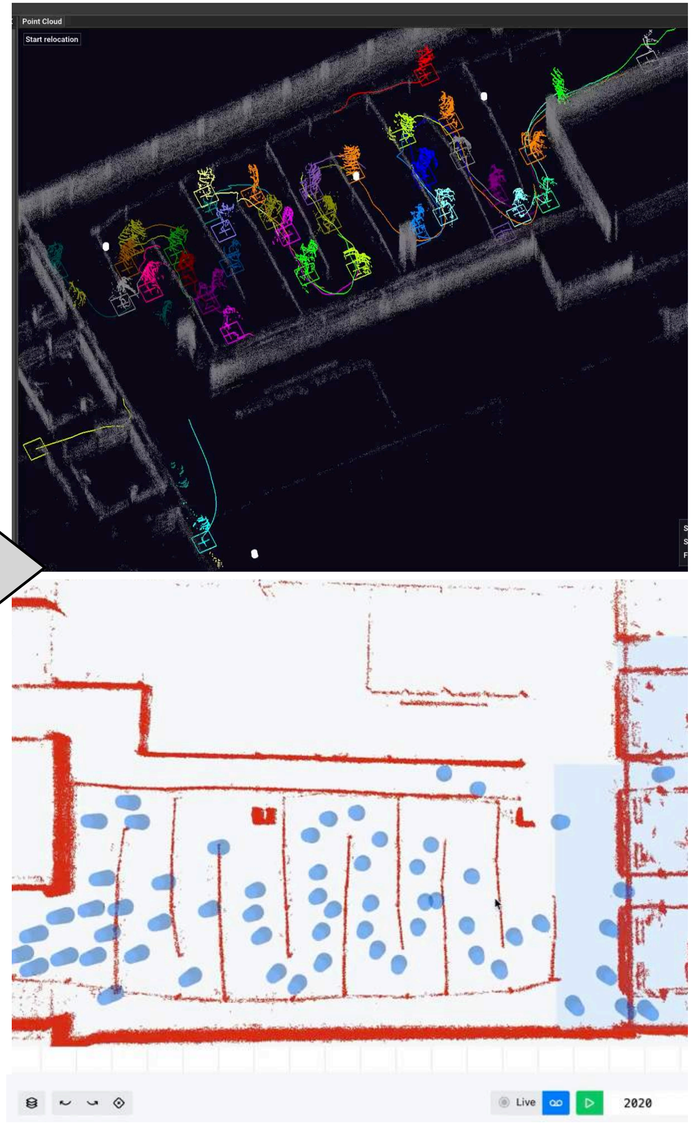
Application Primitives — Pre-built features to help building applications → *Application-specific output*

Object Tracking — ID & Bounding Box, Velocities, Classification and Predictions → Object-level information

Point-wise Perception — Free Space, Point Semantic classification → Enriched point-level data

SLAM on Chip© — Position & Pose, Relocalisation & 3D Mapping → Localisation

Edge Computing — Retransmission of Raw Data & API dialogue → *RAW Data*



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Customer Application

Smart Monitoring of Paris Charles-de-Gaulle Airport

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Actionnable Spatial Intelligence

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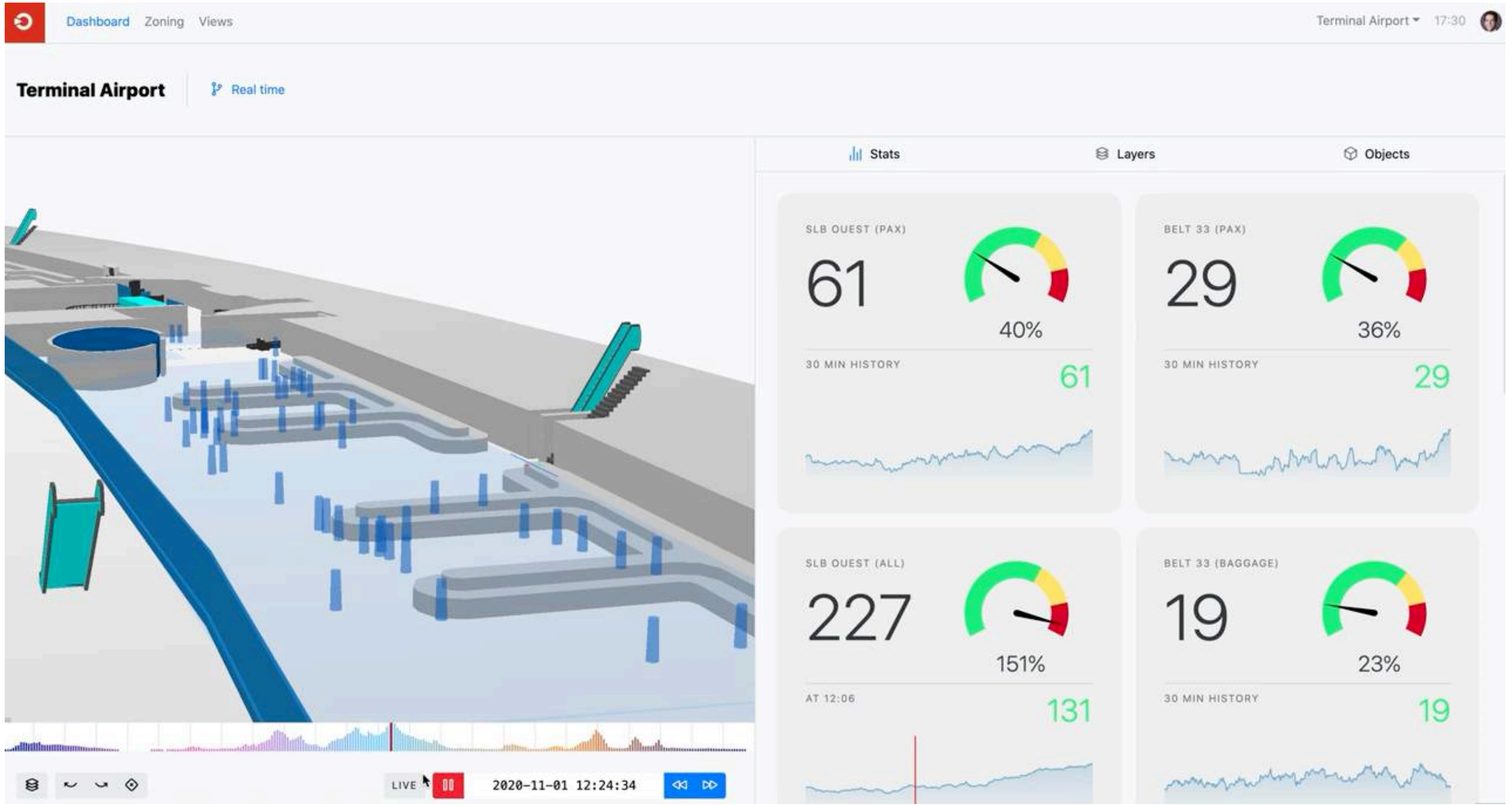
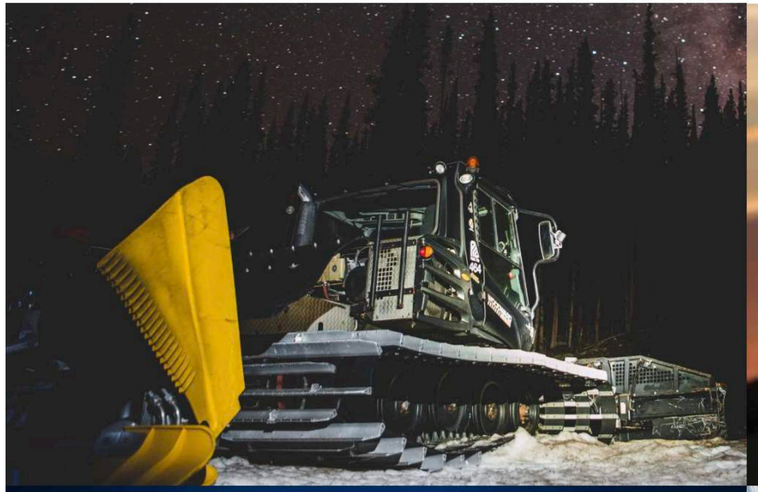
True Situation Awareness

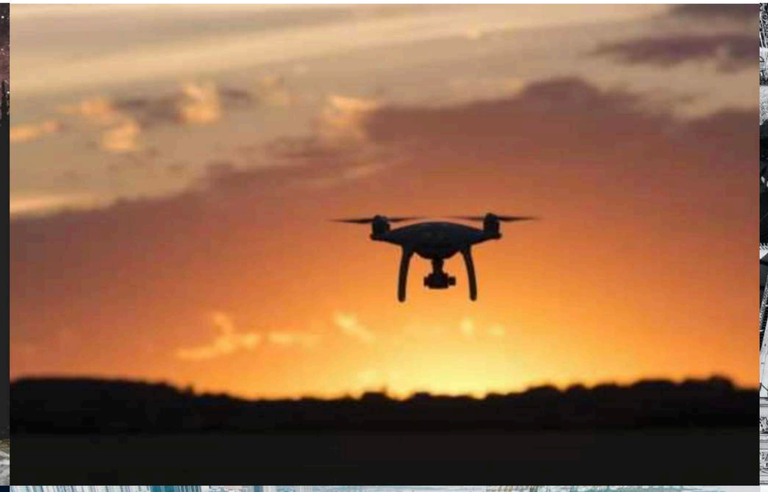


A broad set of applications & segments

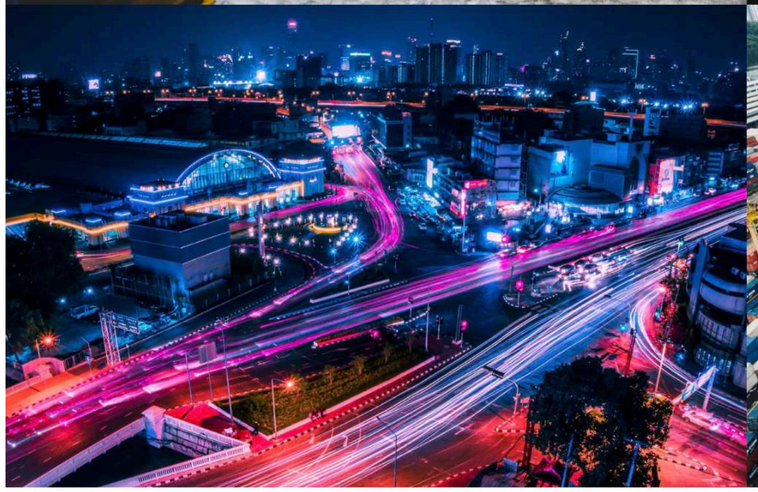
Smarter & Safer Machines



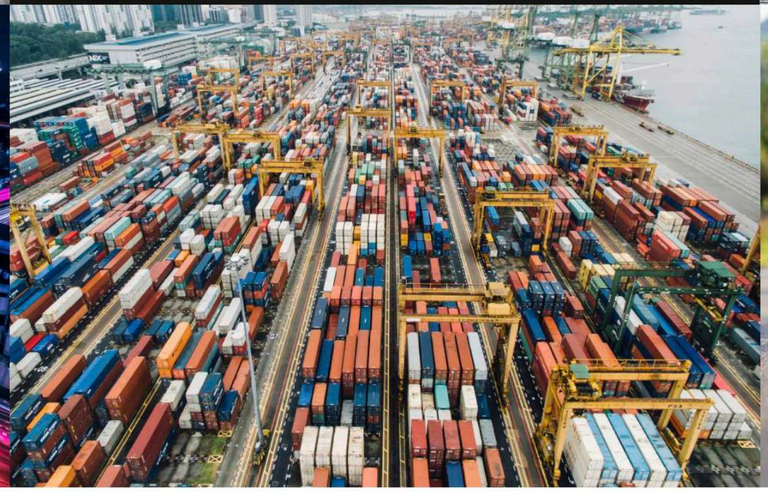
Robotics & Drones



Live 3D Mapping



Infrastructure



Outdoor logistics

Transportation

outsight

What are looking for:

Integration partners

Who build end-to-end solutions

Thank you