



**Product**

- The world's first mobile VR headset for an eye-brain interface
- VR analytics solution using eye-brain interface

**Unique Selling Proposition**

- It becomes easy and natural to acquire users' eye and brain signal by direct contact of our VR with eyes and a forehead.
- Our solution analyzes users' cognition and emotion according to the VR content using eye and brain data acquired by our VR.
- It is possible to understand users' unconscious thoughts and desires not revealed by the conventional method.



Seoul, South Korea

<http://www.looxidlabs.com>

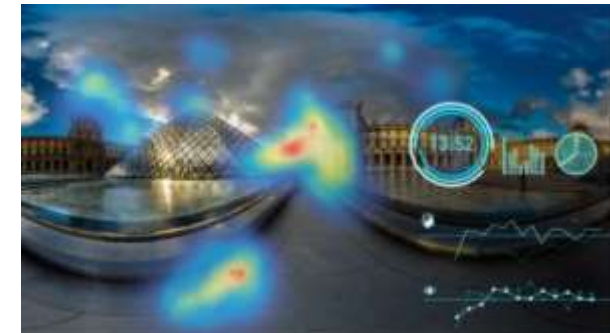
**Company Status**

Looxid Labs has been developing the world's first mobile VR headset for an eye-brain interface and VR analytics solution using our VR. We plan to finish the development of the demo system available by Q1 2017

**Aerospace Applications**

- Sentiment analysis solution of a pilot for the flight training
- Movie analytics service in VR cinema experience in flight

**Showcase**





#### Product

- Our Artificial Intelligence Platform is the quickest way for operators to leverage benefits of their aircraft sensor data
- Platform provides predictive services for aircraft maintenance, inventory optimization & fuel economy

#### Unique Selling Proposition

- Operators can experience the platform benefits before signing up for the SaaS service
- Platform is pre-integrated with M&E, MRO, Inventory and Flight Operations environment and hence uses onboard & off-board data to provide notification and alerts specific to the operations environment; making the analysis valuable
- Very strong advisory & execution team



Singapore

<http://www.innovativebinaries.com/>

#### Company Status

Prototype development in progress (to build an MVP). Currently seeking partners during data algorithm build-up, acceleration/strategic partners, and seed funding

#### Aerospace Applications

1. Aircraft operators (Regional Airlines, Corporate Jets, Helicopter operators)
2. M&E / MRO Organizations

#### Showcase





# Waxwing Avionics

Aviation Solutions Enhancing Operations and Safety



## Product

**LANE – fLight dAta downliNk system,**

- Enables live seamless transmission of data and audio stored in the flight recorder between LANE Onboard unit and ground based storage, over a secure and reliable link.
- Provides a provision to stream video at 1FPS from a preferred camera in case of an emergency.

## Unique Selling Proposition

- Near real-time data transmission, carrier agnostic, dual compression which provides 98% to 99.5% reduction in size, dual encryption, SWIM compliant. Total latency (Transmission+Processing) of about 5 seconds.
- Data sharing streamlined with the use of a single platform through SWIM, easing the process of collaboration between the airlines, manufacturers, government agencies and meteo.
- Device (LANE) manufacturers as potential distributors and aircraft manufacturers as an intermediary to a wider customer base. Flexible pricing plans for the on-board device (CAPEX or rental) and the ground station software.

## Company Status

The Research on LANE is complete and the development of the ground station is complete by over 80%. We are in discussion with companies that provide manufacturing and engineering services and intend to start developments on the on-board unit latest by December.

## Aerospace Applications

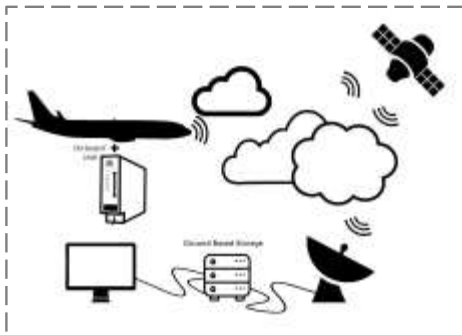
LANE has 2 elements – an on-board unit for data compression and transmission and an application to access the data stored on the ground. The processed data would provide optimal/fastest route based on history, dynamic rerouting, warnings/alerts, performance analysis, weather alerts and more. Specific customer profiles include airlines, manufacturers and authorized government agencies



Cochin, India

[www.waxwingavionics.aero](http://www.waxwingavionics.aero)

## Showcase





**Product**

- WiN MS designs immediate diagnosis and monitoring solutions for complex wiring systems based on most advanced MCTDR technology
- Harness fault location tool



Orsay, France

<http://www.win-ms.com/>

**Unique Selling Proposition**

- The most simple, safest, accurate and quickest means of harnesses troubleshooting
- Reduce downtime and improve maintenance productivity
- Reduce diagnostic errors
- Guarantee an harmless diagnostic
- Hard and soft faults detection
- Permanent or transient faults detection

**Company Status**

- Spin-off from CEA, one of the largest European public research organization
- 9 patents
- Important SEA customers : ST Aerospace , SIAEC

**Aerospace Applications**

- Maintenance, Repair and overhaul
- Airlines
- Air Forces
- Final Assembly Lines

**Showcase**







#### Product

- DRONEBOX automatic drone deployment, battery charging, and data communication base station with an embedded array of data gathering and processing applications across multiple industry verticals. DRONEBOX can remain in the field with no maintenance for up to 2 years thanks to solar hydrogen power (A flying Mars Rover for Earth).



Singapore

<http://www.h3dynamics.com>

#### Showcase



#### Unique Selling Proposition

- The solution is sold as a “analytics as a service” platform, via an “app center” that links back to hardware, sensors and installation and maintenance delivered as part of the service (No CAPEX).
- Self-sustaining power for maintenance free solution with unique long endurance electric flight capability.
- Proprietary OS designed as a platform that can operate any number and any type of robot into the future.

#### Company Status

Demo systems in place, POC engagements being signed up now in Singapore and abroad. Expansion started with Austin Texas in July to cover US, and plans for a European company to launch in October. Series B target Q4 16 / Q1 17 (Series A closed Q1 2016).

#### Aerospace Applications

Electric flight: starting with small UAVs, moving to larger aircraft. First-level automated scanning applications in aircraft MRO, with wider applications in agriculture, oil & gas, mining, security, etc.

