Easy Aerial
Above & Beyond

Experiences from a drone startup

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Introduction to Easy Aerial @ unConference #6
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Confidential Proprietary Information Easy Aerial Inc.

INRIA - Institut National de Recherche en Informatique et Automatique, France
Algorithms for Autonomous Mobile Robot Deployment

Université de Technologie de Compiègne Sorbonne Universités, France
Applications of Autonomous Drone Swarms

EasyAerial, Inc, USA
DataLink development & integration
Machine Learning Applications

Easy Aerial

Above & Beyond

Easy Aerial offers the most robust and versatile autonomous airborne security, monitoring, and inspection solutions on the market today.

Going above and beyond the standard solutions, Easy Aerial offers options tailored to a variety of operational requirements

Available in three configurations - tethered, free-flight (untethered) and the industry's first tethered/free-flight hybrid configuration, each of our portable drone-in-a-box solutions can be further customized to meet any security, mapping, and inspection needs.

Developed and proudly built in the U.S, Easy Aerial's durable, cost-effective solutions have proven operational experience – even in the most demanding of environments. They can be automatically deployed and commanded remotely from any location around the world and can take off and land from a moving platform, such as a ground vehicle or watercraft.

Whether conducting perimeter patrols or securing a border, monitoring a crowd or inspecting critical infrastructure, Easy Aerial provides you a reliable eye in the sky for your mission-critical operations.

Easy Aerial is an ISO9001-certified company.

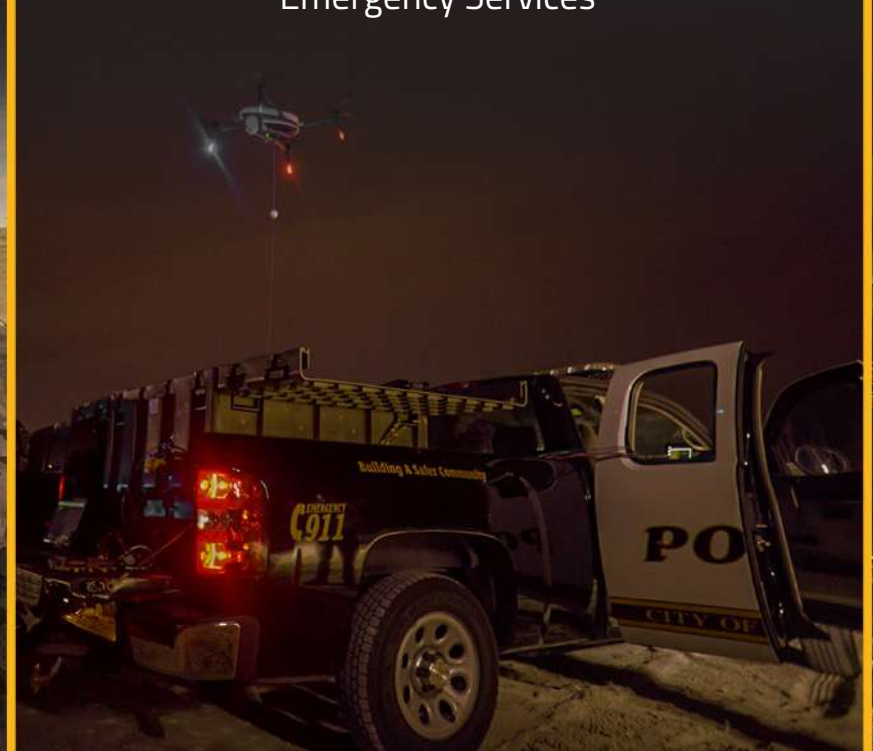
SECTORS

GOVERNMENT & DEFENSE

Secure military-grade solutions for reliable service in the most austere environments

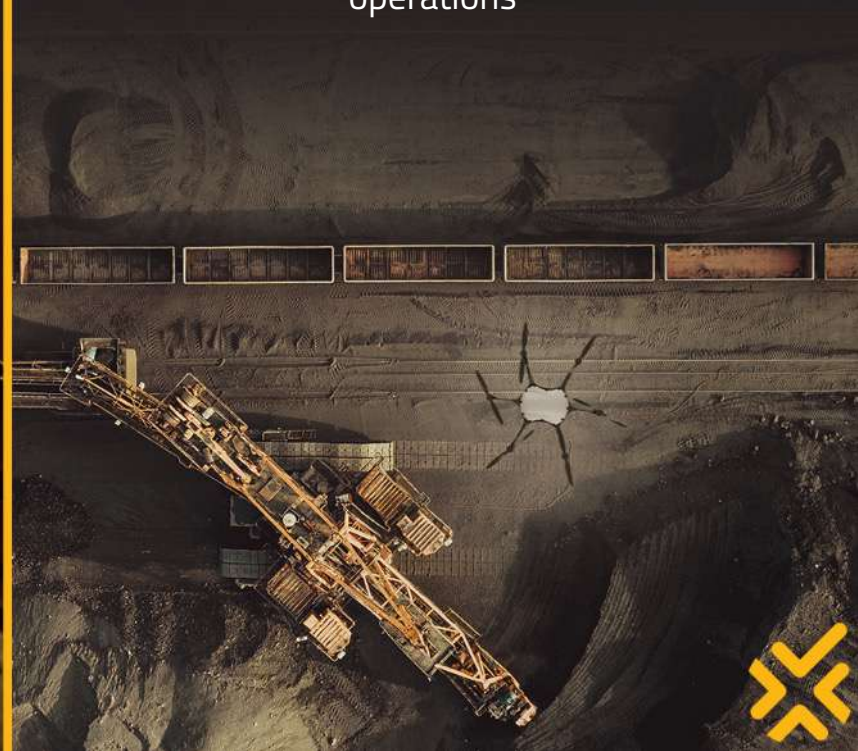
FIRST RESPONDERS

Instant eyes in the sky day or night for Police, Fire, and Emergency Services



COMMERCIAL

Remote data collection, monitoring and inspections for critical enterprise operations



GOVERNMENT & DEFENSE

APPLICATIONS

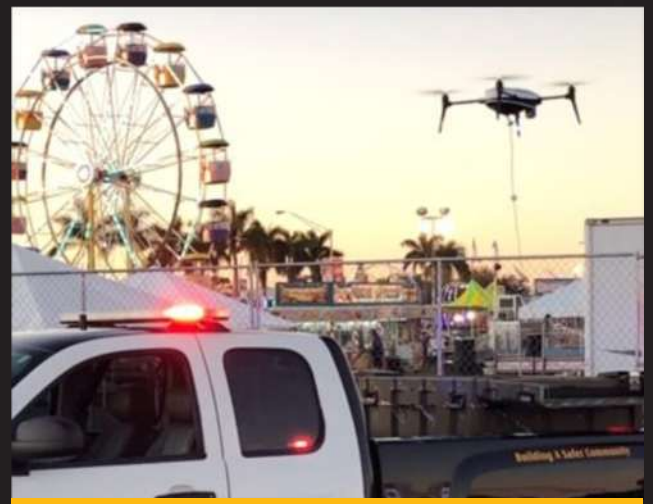
CRITICAL SITE PERIMETER SECURITY

BORDER PROTECTION

DISASTER RELIEF

FIRST RESPONDERS

APPLICATIONS



POLICE

FIRE FIGHTING

DISASTER RESPONSE

COMMERCIAL

APPLICATIONS

INFRASTRUCTURE AND SITE SECURITY

RAIL AND TRANSPORTATION

INDUSTRIAL AND UTILITIES

SPORTS AND ENTERTAINMENT

AGRICULTURE AND FOOD PRODUCTION

AVIATION

PERIMETER SECURITY

APPLICATIONS

1.
Threat detected from CCTV, patrol, ground or fence sensors, etc.

2.
Alarm received by SAMS which deploys drone autonomously

3.
Operators monitor, track and react to real-time data

4.
SAMS provides overwatch and tracking until threat is resolved

5.
Drone returns autonomously lands, recharges and awaits next mission.

AVIATION

APPLICATIONS

PERIMETER SECURITY

INVENTORY MANAGEMENT

MAINTENANCE INSPECTION

RUNWAY FOD INSPECTION & RUNWAY LIGHTS INSPECTION

RAILROAD

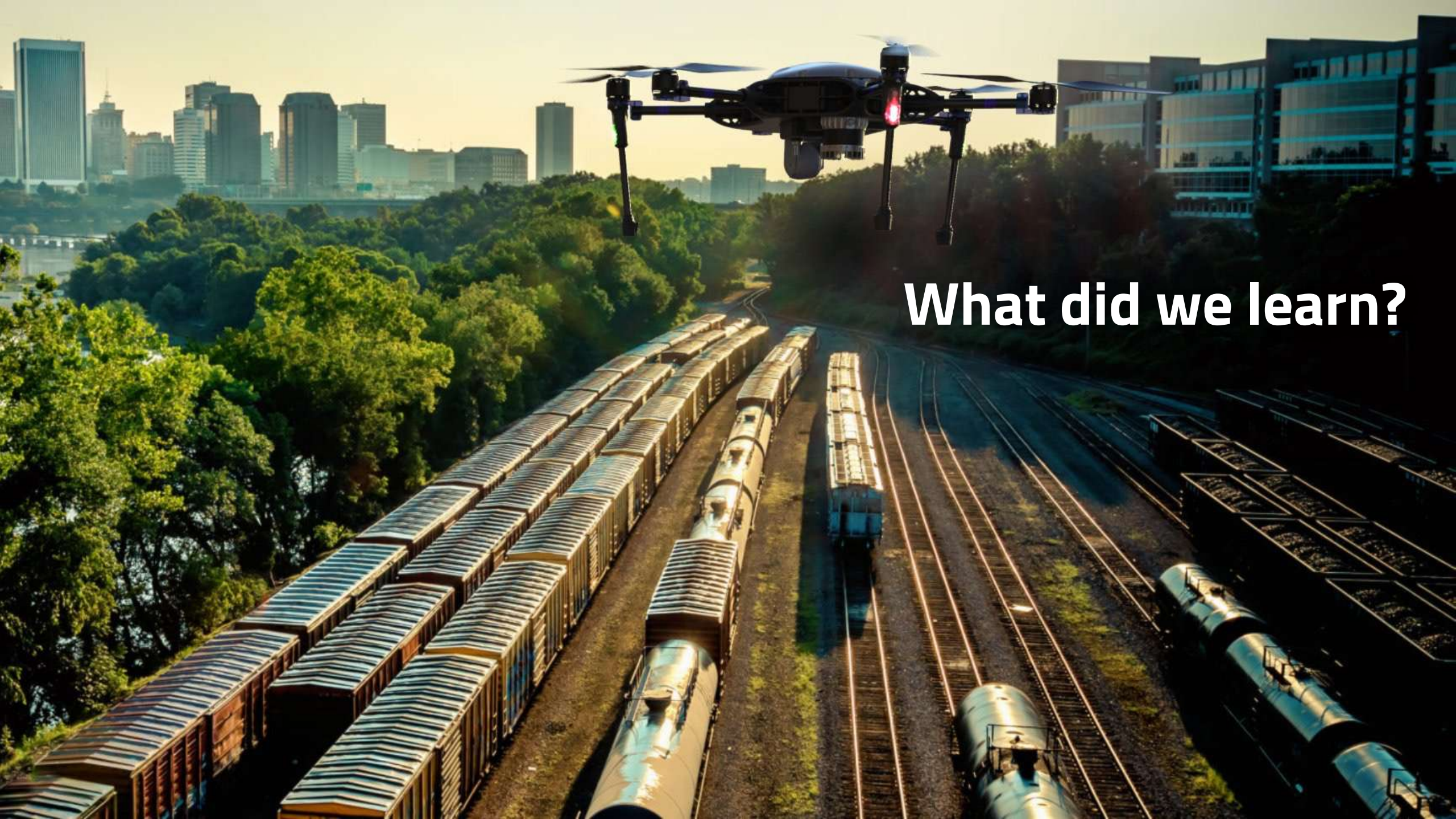
APPLICATIONS

RAILROAD SECURITY

SITUATIONAL AWARENESS

TRACK INSPECTIONS

RAILROAD SAFETY



What did we learn?

Get quick and continuous feedback

Don’t overcomplicate things

Adapt – Improvise - Overcome

Going the extra mile pays off

Better finished than perfect

Don’t forget to have fun ☺

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Thank you for your attention!

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