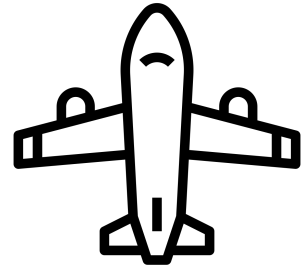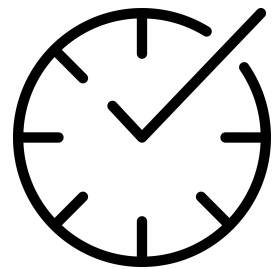# ULTRAVIEW

INTELLIGENCE AT THE EDGE
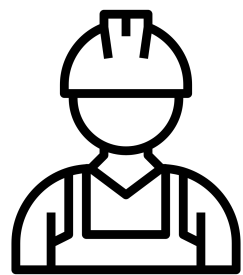
Problem **Opportunity**

AVIATION MRO IS EXPENSIVE

The average base maintenance visit costs $250K+

EVERY HOUR IS PRECIOUS

Aircraft downtime costs $10-100K/hour, hundreds of tasks per visit means constant monitoring for risks and critical path

THE LABOR SHORTAGE IS REAL

The industry is losing around 12,000+ skilled mechanics a year, with no clear solution in sight

The way things are today...

Each visit begins with a time consuming **manual inspection**, typically performed by multiple skilled technicians over 1-2 shifts. All other work must wait for this critical first step to be completed.

The industry is plagued with **outdated processes**, safety concerns, and inconsistent reporting mechanisms. **Inefficiencies** abound in both real world processes and the outdated systems driving them.

THE INDUSTRY NEEDS AUTOMATION.

ULTRAVIEW Software Suite

FLIGHT CONTROL APPLICATION

The easy-to-use UltraView Flight Controller app allows for quick configuration management and one-button flight operations for the UAV

GUIDED INSPECTION APPLICATION

Certified technicians can easily review and tag imagery captured during UAV operation, completing the GVI process and seamlessly generating Non-Routine Task Cards

ULTRAVIEW INTEGRATION TOOLKIT

A critical, but often overlooked, aspect of deploying any new technology in Aerospace, the UIT connects UltraView to any legacy ERP or MRP, saving tedious double data entry
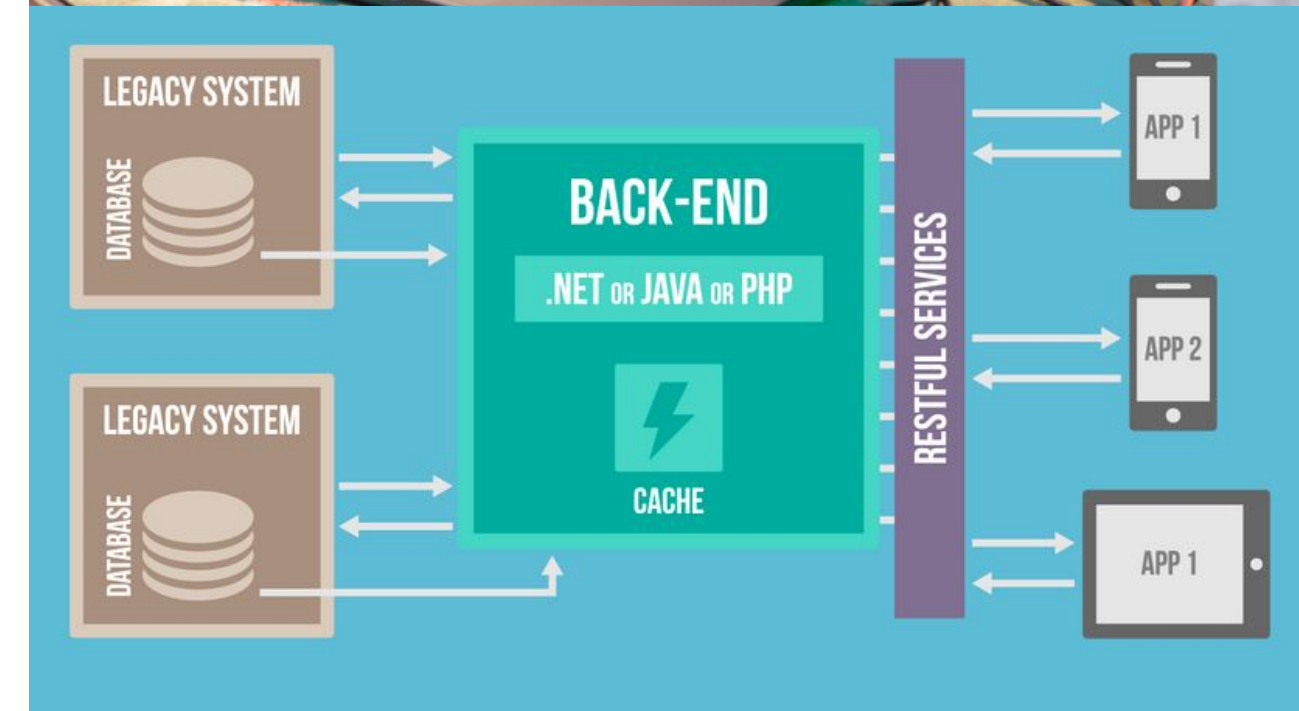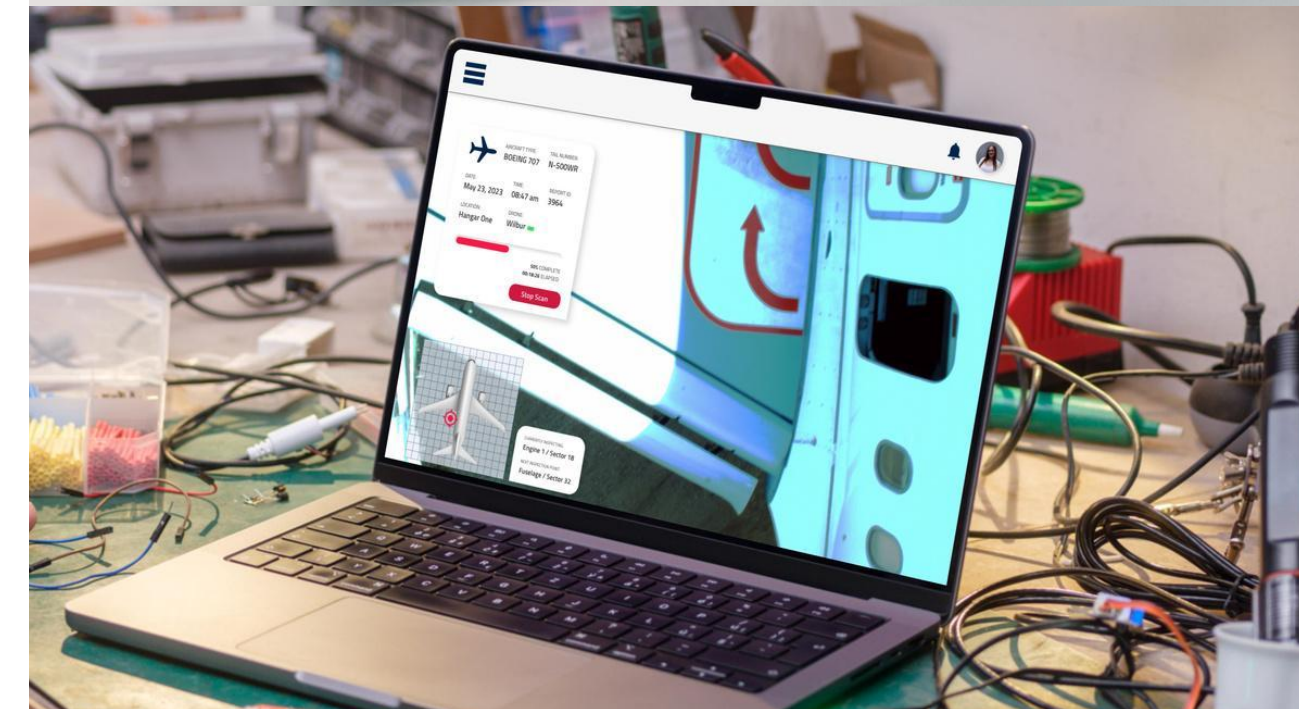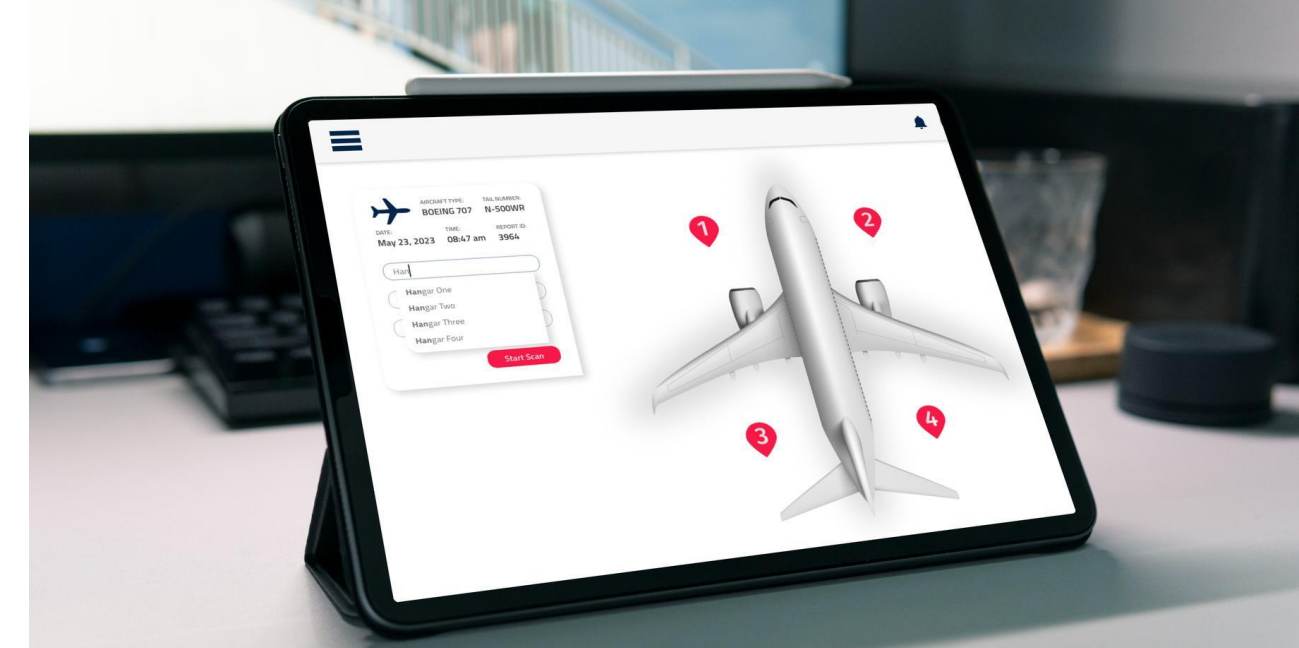
Business Model

UltraView uses the **Inspection-as-a-service** model to simplify commercial engagement. This model fits aerospace buying preferences and has been validated by the market.

Our **US-centric operation** gives a unique **competitive advantage**, with our biggest competitors located overseas.

BLUEBEAR

UK

DONECLE

FRANCE

INVERT ROBOTICS

NEW ZEALAND

MAINBLADES

NETHERLANDS

The ROI (Customer Perspective)

THE OLD WAY	THE **ULTRAVIEW** WAY
96 Man Hours [$7K/inspection]	**4 hours** for Capture + Review
$25K average Incident Cost	**$15K**/mo turnkey subscription
Subjective, limited retained data	**Novel** data stream drives **predictive maintenance**
$520K /year	VS	**$180K** /year

Approx. Annual Cost for a 5 bay hangar | Typical ROI is <12 months, factoring in implementation costs

Aerospace Market Demand

Airframe and line maintenance spending is expected to increase from **$30 billion** in 2022 to **$39 billion** by 2032.

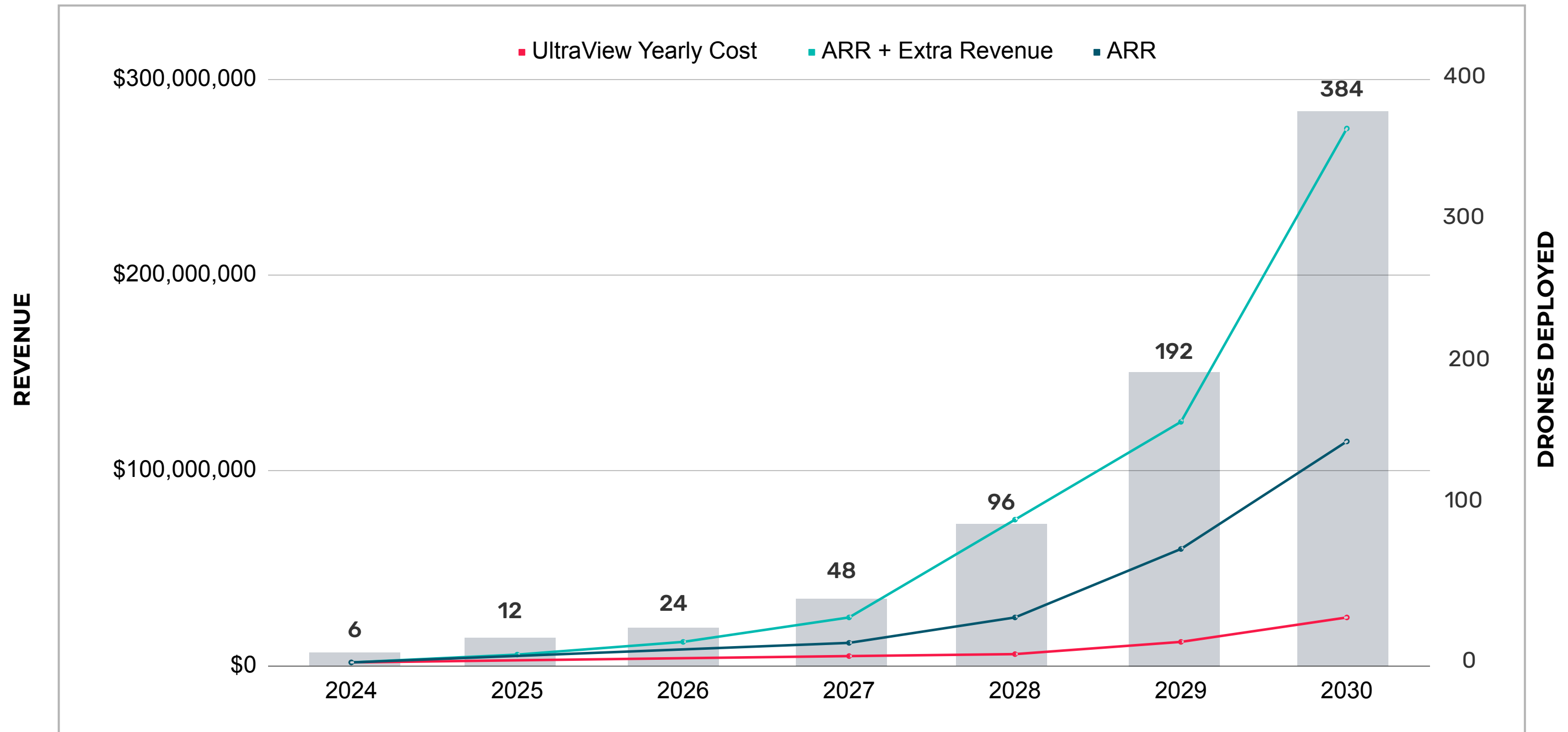|	
800+ **CARGO** AIRCRAFT	**7,000+** **COMMERCIAL** AIRCRAFT
13,000+ **GOVERNMENT** FLEET	**21,000+** **BUSINESS** AIRCRAFT Jet + Multi-engine

7 Year Revenue Projection

(Total contract value for commercial aviation)

Early Traction

We've fully achieved product market fit in both **commercial** and **defense** aviation.

Current partners include:

ASCENT AVIATION SERVICES	MITRE	(U.S. Air Force logo)
LIVE PLATFORM DEPLOYED	**R&D** HARDWARE DEPLOYMENT	**RAMSTEIN** AFB **DYESS** AFB **LAKENHEATH** AFB

Awards won:

(Red Dot logo)	2021 REDDOT AWARD FOR DESIGN
(iF logo)	2022 IF AWARD FOR DESIGN

Executive Team

COLBY HARVEY

CHIEF EXECUTIVE
OFFICER

JACK MEDELLIN

CHIEF OPERATING
OFFICER

MATT KAMMERAIT

PROSPECTIVE CHIEF
TECHNOLOGY OFFICER

AMOL HARDIKAR

CHIEF FINANCIAL
OFFICER

Advisory Board

JIM STURGIS
empower**mx**

DAVID QUERIO
ASCENT
AVIATION SERVICES

DEVON BLAKE

MICHAEL KING
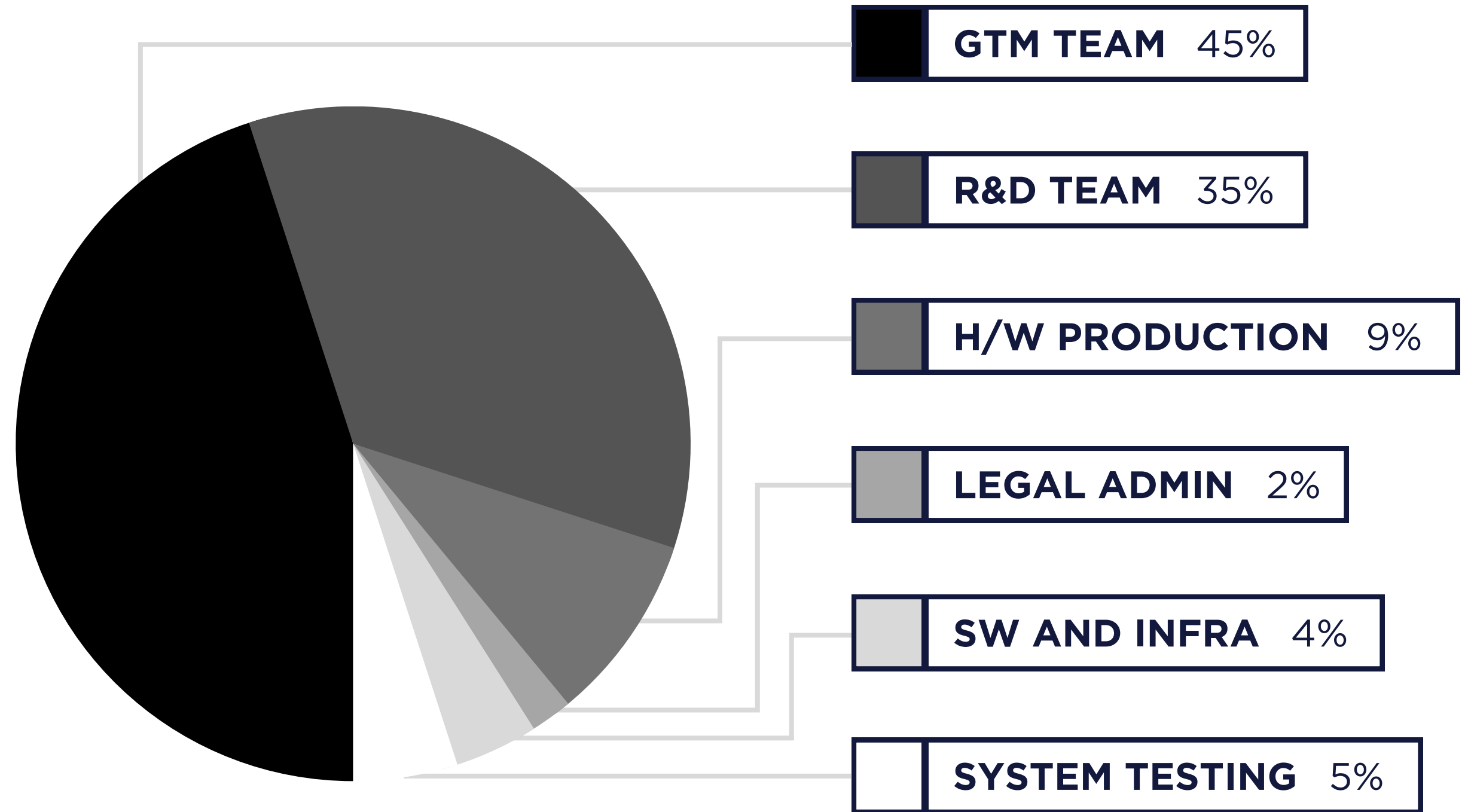SPACEX

BEN BALDANZA
spirit

CAM MURPHY
FEAM
AERO

Fund Use

$2.5M

SAFE ROUND

We are raising **$2.5M** to complete the final feature set and run business development in commercial and defense.
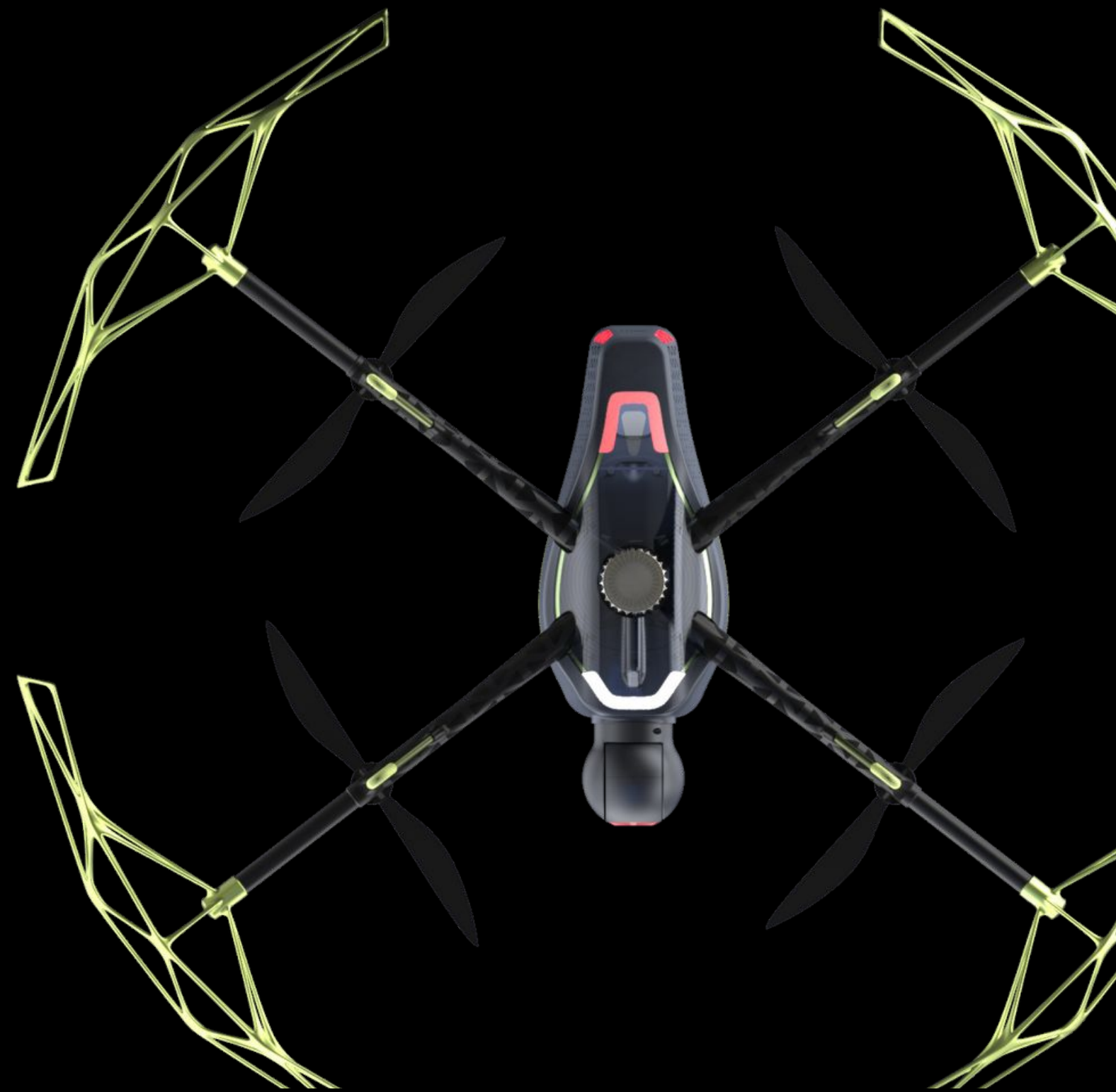
GTM TEAM	45%
R&D TEAM	35%
H/W PRODUCTION	9%
LEGAL ADMIN	2%
SW AND INFRA	4%
SYSTEM TESTING	5%

ULTRAVIEW

COLBY HARVEY

734-620-6293

Colby@ultraview.io

ULTRAVIEW replaces **manual inspections** with a combination of AI and Aerial Robotics.

ULTRAVIEW UAV Capture Platform	TRADITIONAL METHOD
<2 hour total inspection time	**20 - 200 hours** needed to complete an inspection
Turnkey combination of **hardware** and **software**	**Paper-based** process with nearly no historical records
Novel data source for **predictive analytics**	Resource **consuming** and **hazardous**

Enter **ULTRAVIEW**

AI AT THE CORE, DRONES AT THE EDGE

UltraView combines 3 cutting edge technologies into a turnkey aerospace inspection and metrology solution, instantly useful and usable across both commercial and military operations

INDUSTRY EXPERIENCE + R&D POWERHOUSE

The UltraView team is comprised entirely of subject matter experts, who understand (and have lived) the key challenges of today's solutions
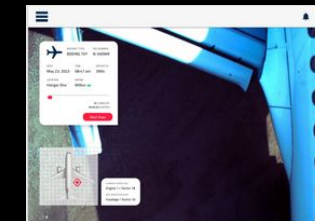
AMERICAN MADE, DESIGNED FOR COMPLIANCE

In a highly regulated sector like Aviation, operating on a strong regulatory foundation is critical, as is ensuring security at every layer of the stack
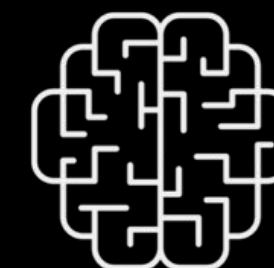
ULTRAVIEW
THE PLATFORM
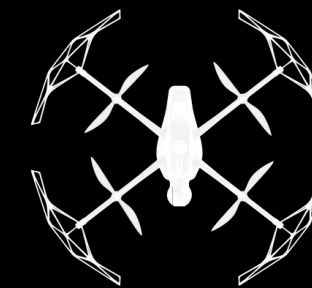
THE

THE APP

ULTRA AI ™

ULTRA AI

AUTONOMY AND FLIGHT CONTROL

Optical + Lidar fusion approach for path generation, sensor capture standardization, and dynamic lighting

DAMAGE CLASSIFICATION

Computer vision driven system for identifying and classifying all primary damage types as required for General Visual Inspection (GVI)

AUTOMATED REPORT GENERATION

Combining key outputs from the classification system with a tailored Large Language Model to generate and output templated reports