



INFINITE WAYS TO AUTONOMY

Analyse, optimise, manage.  
Discover a world of innovation.

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# WE WERE **THE FIRST WITH DEEP LEARNING IN ORBIT IN 2019.** WE GREW TO BE MORE THAN JUST THAT.

## OUR TRACK RECORD



**VALIDATED**  
TECHNOLOGY  
AND PRODUCTS



**PRODUCT SUITE**  
COMPREHENSIVE ECOSYSTEM  
FOR OPERATIONS PIPELINE

## INTERNATIONAL PRESENCE



**ITALY**  
**TURIN**  
HEADQUARTERS



**FRANCE**  
**TOULOUSE**  
BRANCH OFFICE

TRUSTED BY



# GREATER EFFICIENCY, IMPROVED OUTCOMES.

That's the impact  
of automating your mission.

In a space economy booming with new services and satellites, facing a significant increase in data, **efficiency is crucial.** That's why autonomy is essential. Let our AI handle it for you, enabling you to shift **your focus to strategic tasks.**

\*Based on specific use cases.  
For more information, [info@aikospace.com](mailto:info@aikospace.com)

## ENHANCED PERFORMANCE\*

+ 50% more profitable data

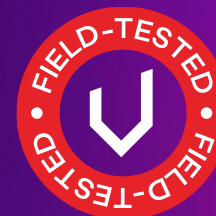
## STREAMLINE EFFORTS\*

- 50% load on human OPS

## OPTIMISE COSTS\*

+150% anomalies detected

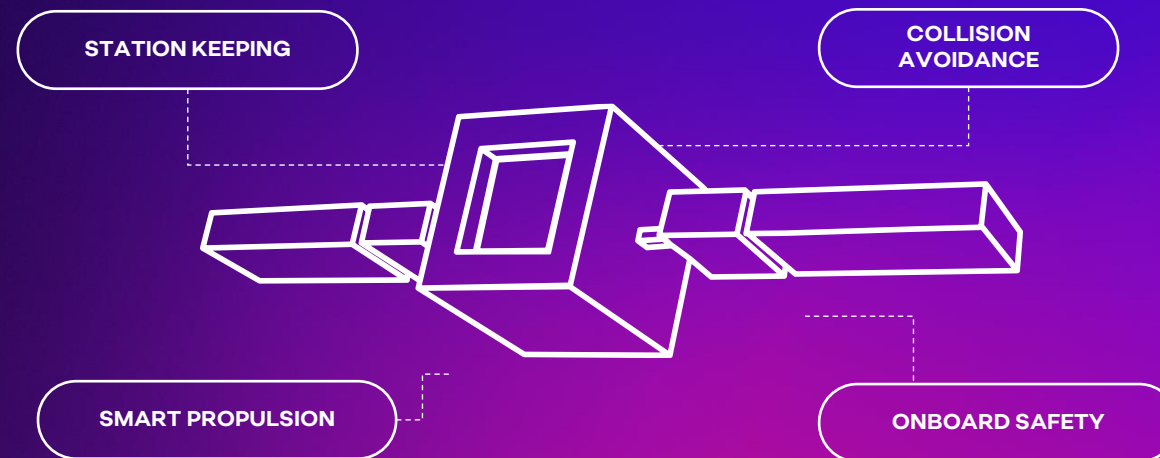
-90% reduced downlink needs





# A NEW LINE OF PRODUCTS FOR AIKO FRANCE

**AIKO** operates across the **whole SSA and STM** value chain, deploying **AI-powered autonomous solutions** capable of maneuvering satellites while adapting dynamic environment of lower earth orbit, ensuring **security in space** without direct human supervision.



In partnership with

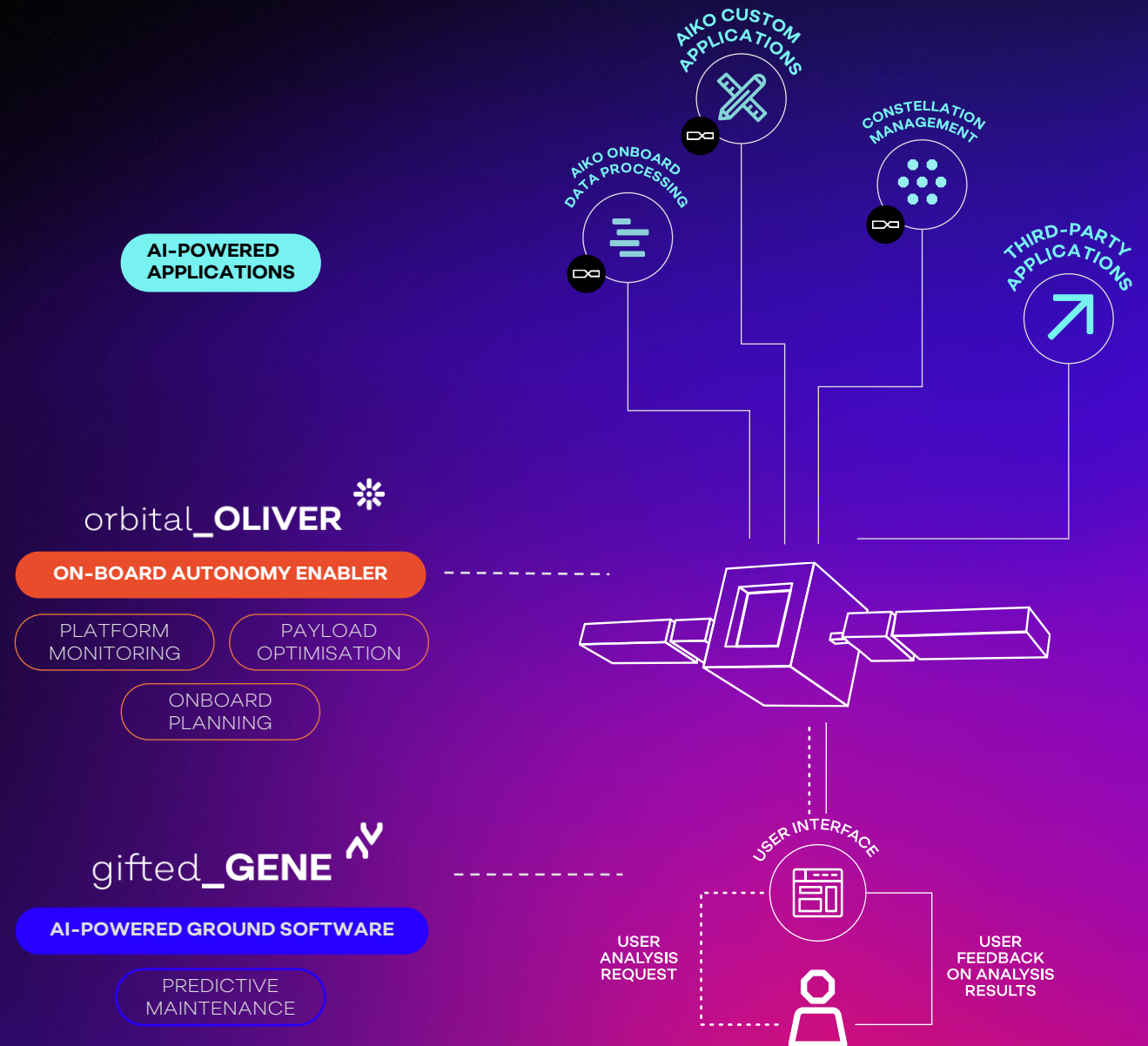


Financed by



# THE AIKO SUITE FOR AUTONOMY

A comprehensive and integrated ecosystem designed to empower autonomy in your infrastructure. Simply and safely.



# gifted\_GENE

THE COLLABORATIVE  
PLATFORM TO **EXTEND**  
**THE LIFETIME** OF YOUR  
SATELLITES.

Tailored for mission operators, gifted\_GENE is a collaborative platform capable of analysing vast amounts of telemetry data. Thanks to its AI-powered core, gifted\_GENE enables predictive maintenance in the mission control centre, identifying trends and anomalies days in advance.

## PREDICTIVE MAINTENANCE

UP TO 4 DAYS OF EARLY  
ANOMALY DETECTION

## ENHANCE EFFICIENCY

+150% MORE ANOMALIES DETECTED  
VS TRADITIONAL ROUTINES

## AVOID HUMAN ERRORS

LESS THAN 2% OF FALSE POSITIVE





# EARLY ANOMALY DETECTION WITH ML: FROM HISTORY TO REAL-TIME INSIGHTS.

gifted\_GENE is equipped with a customized AI-core tailored to your needs, enabling the platform to immediately understand the behavior of each satellite subsystem.

**By analyzing the historical telemetry data, gifted\_GENE learns the patterns of your subsystems and identify unusual values and activities.**

This allows the platform to alert your team to potential failures up to four days before they occur.



# SATELLITE OPERATIONS AT THEIR BEST.

## OPTIMISE YOUR TEAMWORK

gifted\_GENE significantly reduces the time needed to analyse telemetry data. This allows you to enhance the efficiency of communication windows with your satellite and the time your team dedicates to telemetry analysis.

## MINIMISE LOSSES AND DAMAGES

gifted\_GENE prevents critical failures, so you can maximise operational hours, obtain more valuable data, and extend the lifespan of your satellite components.

## REDUCED DOWNTIME

Downtime reduced by 50%

## REDUCED RISK OF SHUTDOWN

Shutdown risk reduced by 65%

## PREDICTIVE MAINTENANCE

Up to 4 days of early anomaly detection.

## AVOID HUMAN ERRORS

Down to -50% time spent on repetitive tasks.

## ENHANCE EFFICIENCY

150% More anomalies detected Vs traditional routines.



# USE CASE AN EXAMPLE OF HOW WE CAN SUPPORT

gifted\_GENE 

 **Tyvak International**  
A Terran Orbital Corporation

**HOW CAN WE MONITOR THE HEALTH OF SEVERAL SUBSYSTEMS AT A GLANCE?**



CubeSat 6U

**PROBLEM TO SOLVE**



Increase the amount of anomalies detected

**SUBSYSTEMS INVOLVED**



Reaction Wheel (RW), Inertial Measurements Unit (IMU), Sun Angle Sensor (SAS)

**GOAL**

Real-time analysis and identification of anomalies in advance



**RESULT**

+50% anomalies detected vs traditional routines



# AIKO PARTNER PROGRAM

## WHAT THE PROGRAM CAN DO FOR YOU?

Whether it's predictive maintenance, payload and resource management, or EO data acquisition, we help identify your specific needs and tailor the best solution for you.

## WHAT THE PROGRAM CAN DO FOR YOUR TEAM?

Once our solution is integrated into your infrastructure, your team will benefit from time saved in daily operations, allowing them to shift their focus to more strategic and critical tasks.



## EXCLUSIVE

KNOWLEDGE

TAILORING

PRICING

ONE SMALL STEP FOR YOUR COMPANY,  
**ONE GIANT LEAP FOR YOUR MISSION.**



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