



D - O R B I T
NEW SPACE SOLUTIONS

D - O R B I T

The Company at a Glance

D-Orbit

Leader in Space Logistics and Orbital Transportation

190 people and growing



D-Orbit SpA
Production and HQ,
Como, Italy

D-Orbit PT
Critical software and
new space subsidiary,
Lisbon, Portugal

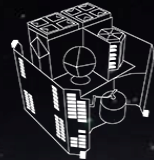
D-Orbit Inc.
Commercial subsidiary,
Washington DC, USA

D-Orbit UK, Ltd
AI Data Processing &
Robotics, Space
Safety, Responsive Launch
Harwell, UK



2021+

TODAY



Last-mile delivery solution
for satellites and advanced
infrastructure services

World's first

to provide in-space satellite
transportation for paying
customers



2023+

TOMORROW



Next-gen in-orbit
services across entire
satellite lifecycle

World's first

to demonstrate satellite-as-
a-service capabilities in
space



BEYOND



In-orbit recycling, manufacturing
& infrastructure

Products and Services

Addressing the Needs of Today while Designing the Technology of Tomorrow



ION Launch Service

A launch procurement, hosting, and deployment service that leverages ION Satellite Carrier, a space tug able to deliver satellites individually into precise orbital slots according to the needs of the customers.



ION Hosted Payloads

A service designed to enable experiments and the testing of equipment in space, and make innovative technology flight proven in space and ready for market in a few months



In-Orbit Servicing

This service will leverage our satellite platform to rendezvous and dock with older satellites to extend their life by repairing and refueling, and sometimes repositioning them.



Aurora

A powerful, cloud-based mission control software suite designed to control a single satellite or a complete constellation through a user-friendly, fully customizable control interface.

Future Services

ION's Upcoming Services



In-Orbit Cloud Computing: Currently being tested in-orbit computing and storage platform that provides a data center with relay capability in Low Earth Orbit. This baseline service can be combined with artificial intelligence algorithm to provide in-space intelligent processing. Control and downlink can be performed through Aurora.



Space Surveillance and Tracking: D-Orbit is investigating the use of standard and third-party sensors integrated in the ION satellite platform to offer in-space tracking and surveillance services.

Our Heritage

Six Orbital Transportation Missions to date and a Growing Degree of Complexity

FIRST MISSION

Mission Name: **ORIGIN**
Carrier Name: **ION SCV 001 Lucas**
Date: **September 2020**
Status: **Ended successfully in Oct. '20**

Launcher: Vega
Mission: SSMS POC Flight

Satellites onboard: 12
Client: Planet Labs

SECOND MISSION

Mission Name: **PULSE**
Carrier Name: **ION SCV 002 Laurentius**
Date: **January 2021**
Status: **Ongoing**

Launcher: SpaceX
Mission: Transporter-1

Satellites onboard: 20
Clients: Planet Labs and one undisclosed US customer

Hosted payloads onboard: 2
Clients: EICAS Automazione, IAC

THIRD MISSION

Mission Name: **WILD RIDE**
Carrier Name: **ION SCV 003 Dauntless David**
Date: **June 2021**
Status: **Ongoing**

Launcher: SpaceX
Mission: Transporter-2

Satellites onboard: 9
Clients: Deimos Space, Endurosat, Orbital Space, ISISPACE, Reaktor Space Lab, Marshall Intech Technologies, Royal Thai Airforce.

Hosted payloads onboard: 3
Clients: Stellar Project, Unibap, HPS

FIRST MISSION: Validation in space of AURORA, D-Orbit's proprietary cloud-based mission control software.

SECOND MISSION: Validation in space of ION Hosted Payload Service, D-Orbit's innovative plug-and-play technology for in-orbit experiments

FOURTH MISSION

Mission Name: **DASHING THROUGH THE STARS**
Carrier Name: **ION SCV 004 Elysian Eleonora**
Date: **January 2022**
Status: **Ongoing**

Launcher: SpaceX
Mission: Transporter-3

Satellites onboard: 5
Clients: Lockheed Martin, SatRevolution, VZLU

Hosted payloads onboard: 2
Clients: Unibap, VTT, Cysec, one undisclosed US customer

THIRD MISSION: Testing of D-Orbit's cloud platform, an on-demand, on-orbit cloud computing and data storage service at the core of D-Orbit's future services

FOURTH MISSION: Second testing of D-Orbit's cloud platform. The first test campaign successfully executed 23 separate SpaceCloud compatible applications.

FIFTH MISSION

Mission Name: **SPACELUST**
Carrier Name: **ION SCV005 Almighty Alexius**
Date: **April 2022**
Status: **Ongoing**

Launcher: SpaceX
Mission: Transporter-4

Satellites onboard: 7
Clients: Kleos, SPEL Laboratory (Chile University)

Hosted payloads onboard: 1
Client: Upmosphere

SIXTH MISSION

Mission Name: **INFINITE BLUE**
Carrier Name: **ION SCV006 Thrilling Thomas**
Date: **May 2022**
Status: **Ongoing**

Launcher: SpaceX
Mission: Transporter-5

Satellites onboard: 7
Clients: Aistech, Brown University/CNR

Hosted payloads onboard: 2
Client: Cryptosat, GenerGo

NEXT MISSION: NOVEMBER 2022

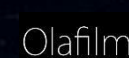
Our Team

190+ Team Members, 9 PhDs, 35 MScs



LUCA ROSSETTINI, Ph.D.
CEO, FOUNDER

- Led research on nanotechnologies applied to space propellant
- Founded IRTA, OLA Film and co-founded The Natural Step IT
- Worked on small satellite program at NASA Ames
- Received a Ph.D. in Advanced Space Propulsion from Politecnico Milano, a Master in Strategic Leadership Towards Sustainability and a Certificate in Technology Entrepreneurship



RENATO PANESI, Ph.D.
CCO, FOUNDER

- Deep experience in flight simulation and in robust multivariable control of aerospace systems
- Led multi-million-dollar contracts as marketing & sales area manager at Finmeccanica/Leonardo
- Worked on small satellite program at NASA Ames
- Received a Ph.D. in Aerospace Engineering from the University of Pisa and a Certificate in Technology Entrepreneurship



DANIELE LUCHERINI
CFO

- Several years of experience as CFO of listed companies, such as Vodafone Automotive and Class Editori
- Received a BA in Economics and Business Administration from the Università Cattolica



JONATHAN FIRTH
COO

- Founding member of the executive team that started Virgin Galactic, The Spaceship Company and Virgin Orbit; former Executive VP of Spaceport & Program Development at Virgin Galactic
- Received an MBA from Henley Business School, UK



LORENZO FERRARIO, Ph.D.
CTO



PIETRO GUERRIERI
CSO



MONICA VALLI, Ph.D.
VP OPERATIONS



PATRIZIA TAMMARO
INVESTOR RELATIONS

