

16.12.2021  
EU Japan Innovation Day  
Patrizia Tammaro  
Investor Relations Officer



**D - O R B I T**  
NEW SPACE SOLUTIONS

---

**D - O R B I T**

Technological Progress and Commercial Expansion of the Space Transportation Company

# D-Orbit

Leader in Space Logistics and Orbital Transportation

150 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



**Nebula:** 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.

# Commercial Expansion

## Our Clients



# The Collaboration with Marubeni and IST

Cost-Effective Launch Solutions with Last Mile Delivery



**Marubeni**



Interstellar Technologies (IST), Marubeni, and D-Orbit will be able to answer the market need for **cost-effective launch solutions with last-mile delivery** of the deployed satellites.

Marubeni Corporation, IST and D-Orbit are studying the development of an agile satellite release system to be mounted on "ZERO", IST small satellite orbital launch rocket for spacecrafts of up to 100kg.

"IST aims to become the first non-governmental company in Japan to be able to offer commercial launch services; this [collaboration] is a significant step forward in that direction for both us and our customers"

Takahiro Inagawa, Interstellar Technologies. CEO.

# The Partnership with Marubeni

Expanding in Japan and Other Relevant Markets

**Marubeni is promoting and selling the entire catalog of D-Orbit's solutions in Japan and other strategic markets.**

The agreement with Marubeni Corporation is a major deal that will enable D-Orbit to broaden its commercial presence and offer InOrbit NOW and all its other product and services through the extensive and wide-reaching network of the global trading corporation.

*"Through this strong partnership with D-Orbit, we are confident that our team can offer valuable services to a wide range of satellite operators. This partnership will make a significant contribution to the advancement of the space industry."*

Michimoto Asano, General Manager, Aviation, Space & Defense Department, Marubeni Corporation