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AIRBUS

BARTOLOMEO

DEFENCE AND SPACE
Space Systems

Bartolomeo

Your All-in-One
Space Mission Service

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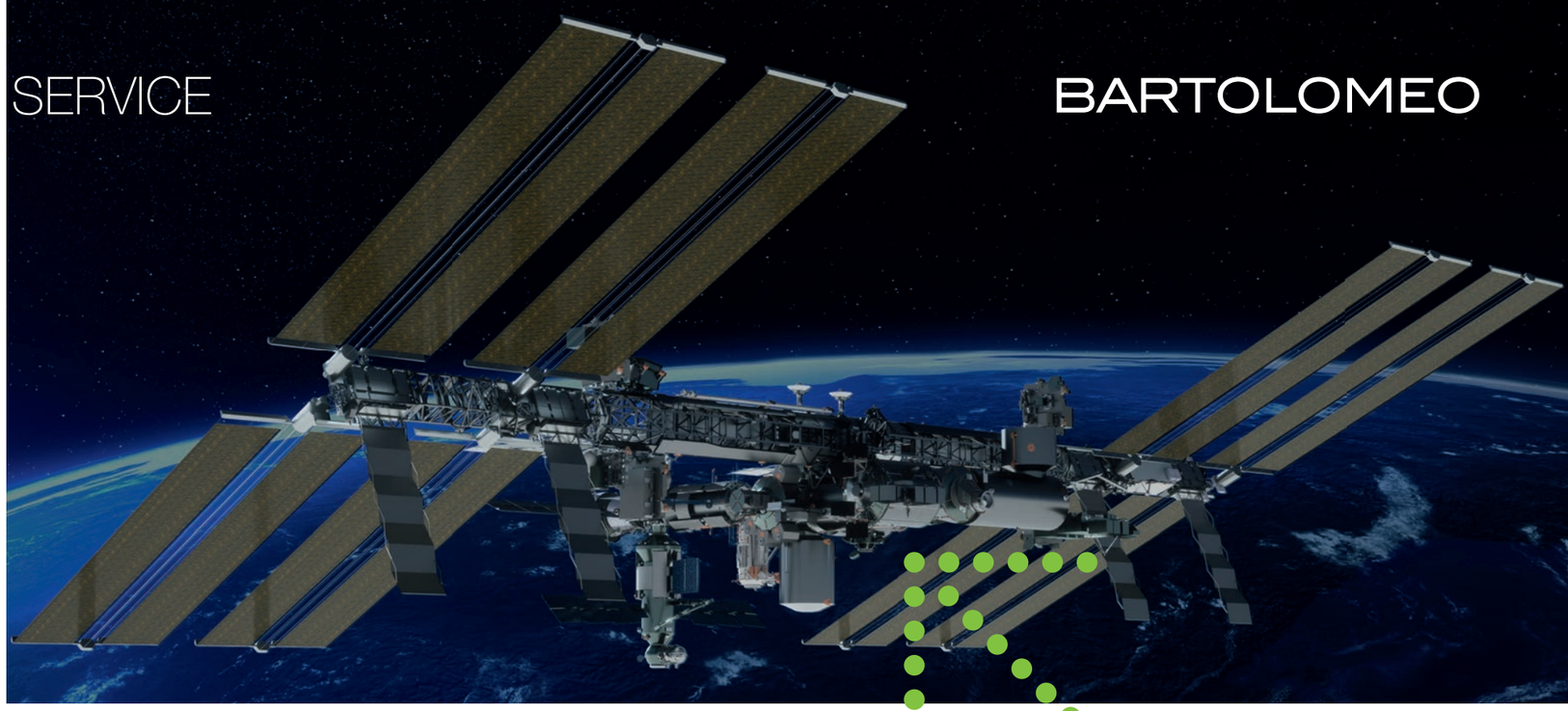
YOUR ALL-IN-ONE SPACE MISSION SERVICE

BARTOLOMEO

Easy Access to the International Space Station



A new, unique payload hosting opportunity: Operated aboard the International Space Station in low-Earth-orbit (altitude: ~400 km), the Bartolomeo platform offers the ISS' only unobstructed view on both planet Earth and outer space.

Named after the younger brother of Christopher Columbus, the Bartolomeo platform is attached to the European Columbus Module and operated by Airbus.

All-in-One Mission Service

Airbus' All-in-One Mission Service comprises all required mission elements into one commercial contract: Mission preparation, payload launch, payload on-orbit installation, commissioning, operation, payload data processing and delivery.

In short: The customer receives a reliable, integrated mission solution.

Customer-Oriented

This customer-oriented service lets the user fully concentrate on their scientific/ technological objectives, without the need to worry about the surrounding environment – like developing an entire, highly complex Space system to carry their payload, or obtaining a deep understanding of the ISS as such.

Regular Launch Options

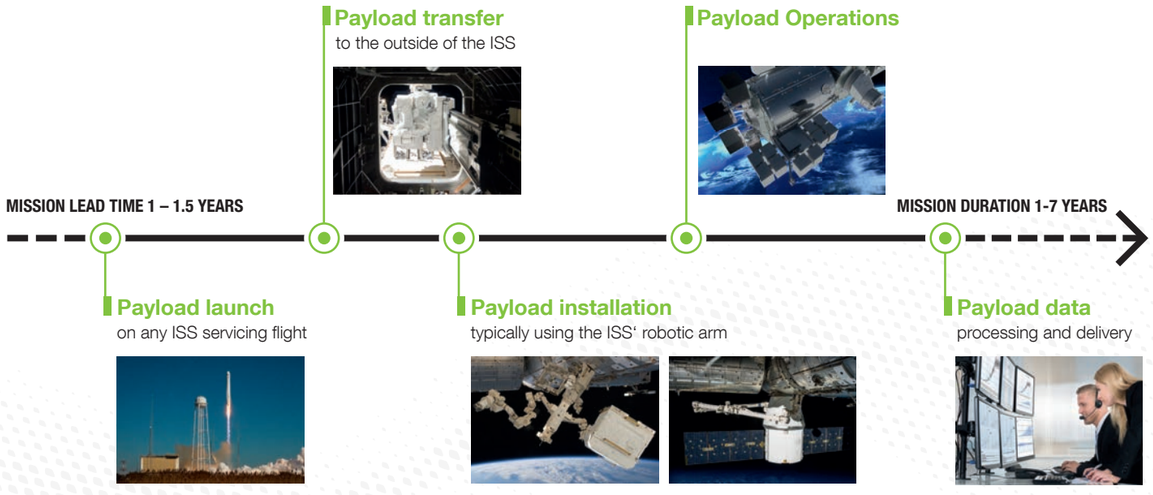
Launch opportunities are available on every servicing mission to the ISS, i.e. approximately every three months (average); payloads can be launched pressurized or unpressurized.

Easy Mission Preparation

Mission preparation is easy: Payload sizes, interfaces, preparation steps and integration processes are largely standardized and hence, lead times can be as short as 12 months.

Highly Cost-Efficient

Thanks to the low-cost mission approach, customers can save significantly compared to traditional mission cost. This opens up opportunities for a variety of new types of applications and makes Bartolomeo ideal for R&D missions, e.g. technology demonstrations.



Maximizing ISS Exploitation

Bartolomeo increases the capacities of external payload hosting on the ISS, responding to a continuously growing demand from customers worldwide. It will hence increase the ISS utilization as such, as well as opening opportunities for new users of the ISS external platforms.

- Remote Sensing
- Atmospheric Research
- In-Orbit Testing
- Space Weather Monitoring
- Heliophysics
- Robotics
- Astrophysics
- Propulsion Tests
- Exobiology
- In-Space Manufacturing
- Spacecraft Deployment
- Material Science
- Radiation Experiments
- Communication
- Fundamental Physics