

# Bartolomeo

– all-in-one mission service

**AIRBUS**

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

## MISSION

Bartolomeo operated aboard the ISS in **low-Earth-orbit** (altitude: ~400 km)



- Bartolomeo in operation:



The ISS' only unobstructed view of Earth and outer space...



... and enables the hosting of external payloads in low-Earth-orbit

- Main applications:



Earth observation



Robotics



Material science



Astrophysics

- Payloads can be hosted for

institutional



and private organisations



## 12 Payload slots

GOLD-2 (General Oceanering Latching Device 2) attachments for payloads up to 450 kg and 1 m<sup>3</sup>



## LAUNCH OPPORTUNITIES

Are available on every servicing mission to the ISS



i.e. approximately every **3 months** (average)



Payloads can be launched pressurised or unpressurised



High performance optical data downlink  
**1 – 2 Terabyte /day** capacity is available during launch and in Space



Versatile payload accommodation in the **5 – 450 kg** range



## HIGHLY COST-EFFICIENT

Thanks to the low-cost mission approach, customers can

### save costs

significantly compared to traditional mission costs.

This opens up opportunities for a variety of new types of applications and makes Bartolomeo ideal for R&D missions



## EASY MISSION PREPARATION



Payload sizes, interfaces, preparation steps and integration processes are largely standardised, meaning lead times



**12 months**