# 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







science

**Astrophysics** 

Payloads can be hosted for

institutional

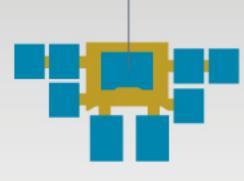


and private organisations \



#### **12** Payload slots

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





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 - 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**



Columbus

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

**Bartolomeo** 



12 months

© Airbus 2018