



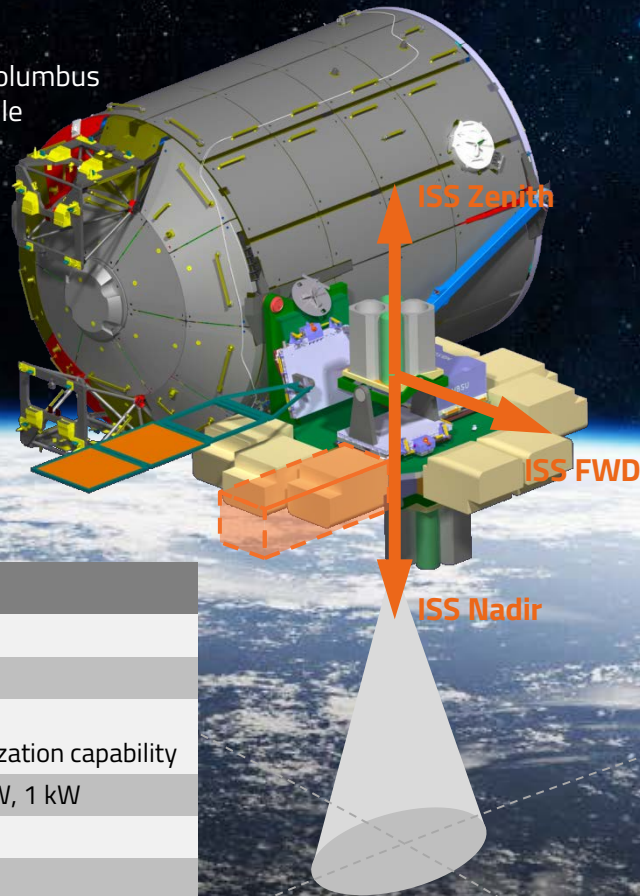
**my\_ISS**

*We make it fly*

## BARTOLOMEO – EXTERNAL PAYLOAD HOSTING FACILITY AT COLUMBUS

- Perfect view to Earth and the stars
- Unpressurized payload accommodation with power, data and active cooling
- Instrument stabilization and pointing with Teledyne Brown MUSES
- Various payload sizes up to FRAM standard available
- End-to-end mission service available in 2018

European Columbus module



### Bartolomeo Features

Payload mass	up to 250 kg
Payload volume	up to 1 x 1 x 1 m
View	<ul style="list-style-type: none"> <li>• Nadir, Zenith, Limb</li> <li>• Pointing and stabilization capability</li> </ul>
Power	<ul style="list-style-type: none"> <li>• 100 - 300 W, 500 W, 1 kW</li> </ul>
Data	up to 100 Mbps
Cooling	Active, up to 1 kW
Mission duration	up to 7 years
Programmatic	<ul style="list-style-type: none"> <li>• Mission lead time 12 – 18 months</li> <li>• Reliable booking of payload slots</li> <li>• Low cost payload operation</li> <li>• Private commanding and data</li> </ul>

Remote Sensing

Astrophysics  
Heliophysics

Atmospheric Research

Space Weather

On-orbit Assembly for Exploration

Robotics Testing

In-orbit Testing

Propulsion Testing

Spacecraft Deployment

In-space Manufacturing