

The Dock

Make payload hosting plug-and-play on your spacecraft

The Dock is the receiving part of SpaceLocker's Universal Space Port. Composed of a variable number of Locks, it enables a host vehicle to host one or several payloads of any size developed using a SpaceLocker container.

HOST VEHICLE SIDE

Customized to the host vehicle.
Preferred interfaces include :

2.5W/slot*
5V to 48V
*baseline of 10W/4slots

Lower layers : SpaceWire/Ethernet
-Direct **CCSDS** virtual channel to the TT&C system
-Direct /semi-direct link (**LVDS**) to high-speed radio transceiver

125 x 125 x 30 mm
200 g
Launch compatible
Reconfigurable in orbit



PAYLOADS SIDE

For more details, please see [SpaceLocker | Hosted Payload User's Guide](#)
For each Lock :

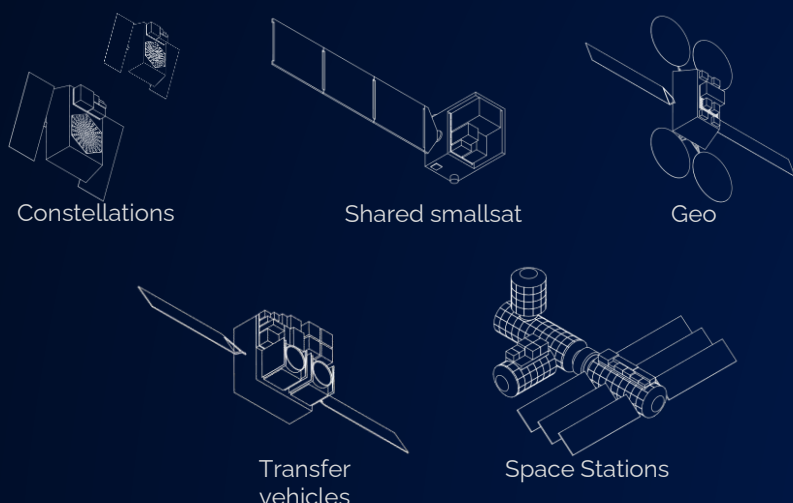
Up to 3 independent rails
1.8 to 48V
Up to 5A
LCLs Protected lines

Single-ended	Differential
- LVDS	- UART
- SpaceWire	- I2C
- RS422	- SPI
- RS485	- GPIO
- USB 3	- Analog
- CAN	- ...
- SpaceFibre	
- Gigabit Ethernet	
- Camera Link	
- ...	

Up to height of 500mm/Lock
Up to 4 kg

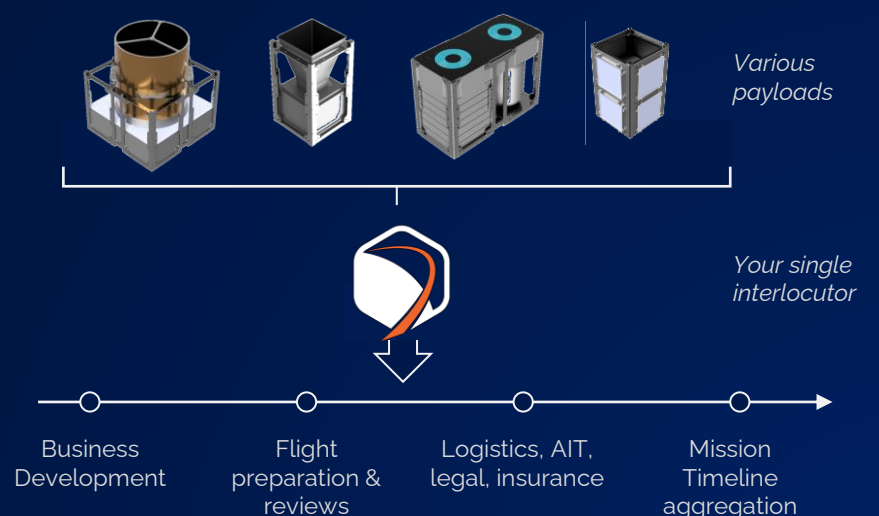
COMPATIBLE WITH A WIDE RANGE OF VEHICLES

With the same interface onboard various types of vehicles, SpaceLocker open your addressable market and makes the demand more flexible.



YOUR PAYLOAD HOSTING PARTNER

More than a technical interface, we interface with all your hosted payloads to make development & operations of your vehicle easier



For more information contact us at
sales@spacelocker.fr