



ORiS is a company specialized in **laser energy transmission** in space.

Sat – to – Sat Recharging

Main product



1 - ORiS satellite charging another spacecraft in orbit by directing a laser beam to its solar panel.



2 - Representation of an in-orbit satellite being recharged and beamed by an ORiS satellite.

ORiS brings energy-as-a-service to Low Earth Orbits, **recharging customer satellites** whenever they need it.

The service architecture is a satellite-to-satellite energy transfer approach.

ORiS satellites act as power banks, using laser technology to transfer energy to **customer satellites** in orbit, **without** the need for **retrofitting**.

Laser to electricity **conversion** is done by customers' **solar panel**, already on board their satellites.

Service details

- 50 W useful power for the customer
- Power supply tailored on customer needs
- Service available in sunlit and shadow

Value for the customer

- Satellite tasking flexibility
- Extended duty cycle
- Peak power activities support
- On-board data processing enabled
- Increasing data generation and downlink



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