SPACE TRANSPORTATION. (RE)INVENTED.

InOrbit NOW is a family of end-to-end solutions for the New Space market. It includes CubeSat launch and deployment services, mission control software, and a set of add-on services.

LAUNCH AND DEPLOYMENT SERVICES

DPOD Launch Service is a CubeSat launch procurement service that relies on third-party compatible launchers equipped with InOrbit NOW's DPOD dispensers.
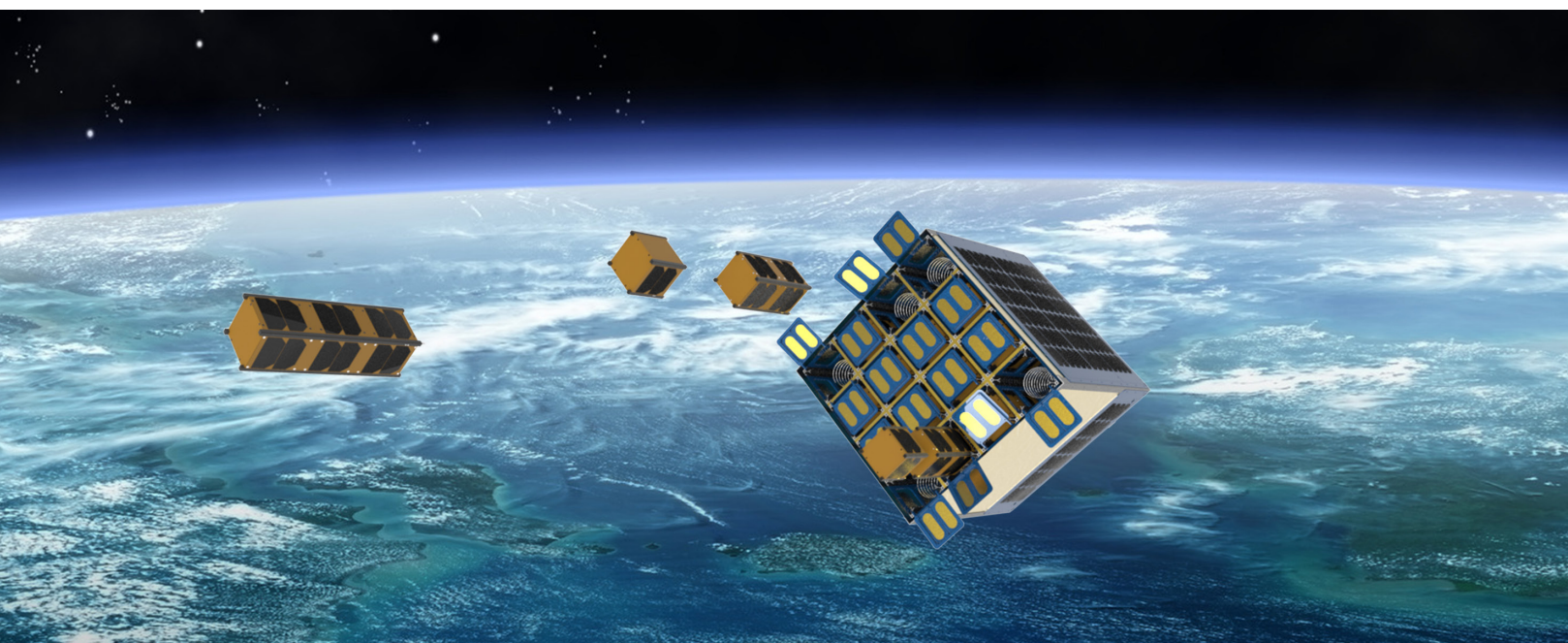
ION Launch Service is an end-to-end launch procurement, hosting, and deployment service that leverages ION CubeSat Carrier, a free-flyer dispenser manufactured and operated by D-Orbit that transports spacecraft into the desired operational orbit and deploy them into precise orbital slots.

MISSION CONTROL CLOUD SOLUTION

Our Mission Control Cloud Solution is a state-of-the-art ground station software package that provides you with the right tools to support your mission.

INORBIT NOW EXTRAS

InOrbit NOW provides mission analysis and design, platform engineering support, software development, acceptance testing, transportation, and launch and deployment insurance.
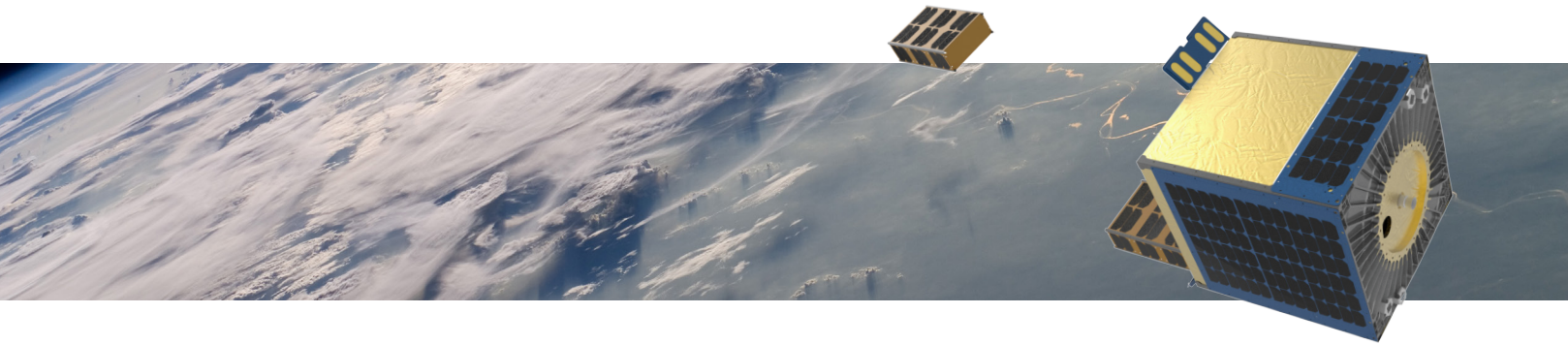
DPOD LAUNCH SERVICE

- Launch procurement
- Supply of an appropriate DPOD or DCUBE dispenser
- Integration of the spacecraft inside the dispenser
- Ground transportation from our integration site to the launch site
- Integration of the dispenser onboard the selected launch vehicle
- Launch and deployment
- Delivery of orbital parameters in form of two-lines elements

ION LAUNCH SERVICE

- Launch procurement
- Integration of CubeSats onboard ION CubeSat Carrier
- Ground transportation from our integration site to the launch site
- Brokerage of insurance covering handling, integration, and ground transportation
- Integration onboard the launch vehicle
- Launch to target orbit
- Precision Deployment and Fast Dispersion
- Confirmation of release with visual evidence
- Delivery of orbital parameters in form of two-lines elements

PRECISION DEPLOYMENT

- Independent spring release mechanism for each CubeSat.
- Ground-initiated, when and where you want.
- Personalized release attitude, pointing, and impulse conditions.
- Low tumbling rate (< 6 deg/s).
- Guaranteed CubeSat release.
- LTAN change
- Altitude change

DISPERSION

STANDARD DISPERSION

FAST DISPERSION

FAST DISPERSION

- Deploy a small constellation in a single launch.
- Each satellite in its independent orbital slot.
- Up to 85% faster deployment time.
- Wide separation between spacecraft.
- Stable collision-free formation.
- Faster signal acquisition.