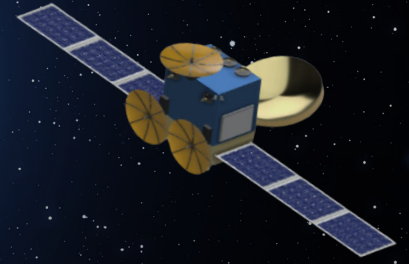


Internet for the Solar System

CelestNet™

Powered by CREAN®

CREAN's Space-Based Relay Network provides high data rate communications reliably, 24/7 (earth days)



Reliable

Redundant systems with 24/7 lunar global and orbital coverage

Scalable

Over 10x current capability increasing with market demand

Navigation

High accuracy lunar global Position, Navigation, and Timing (PNT)

Compatible

No new technology required. Backward and future compatible

SPACE AGENCIES | NATIONAL DEFENSE ORGANIZATIONS | COMMERCIAL AEROSPACE

DESIGN AND SPECIFICATIONS

Relay Services

Flexible data rates up to 200 Mbps to and from the moon

Satellite Design

Heritage, flight-proven space and ground systems includes flexible and configurable system. Fully compliant with NASA NSN requirements

Planned Launches

Service available mid-2025 with global 24/7 coverage by end of year 2025

Service Orbits

Unique orbital configuration provides coverage to entire lunar surface and lunar orbits including far side relay service

Frequency Bands

Flexible service in S, X, and Ka frequencies and LunaNet compatible

Ground Network

Heritage globally integrated government or commercial ground network systems providing mission to user end-to-end encryption capability

FEATURES

- Customer centric user-friendly system
- High bandwidth bi-directional data, video, voice, and text
- Always-on telemetry, command, and mission data service
- Scalable, high-capacity system means no competing for service
- Bi-directional, full-duplex, real-time and store forward services
- Flexible, multi-channel, multi-protocol to meet customer requirements
- End-to-end encryption
- CelestNet turn-key service available. We engineer, deliver, and test your spacecraft comm system while you focus on your mission

Add Superior Space Communications to Your Next Project with **CelestNet**.

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ABOUT CREAN: As part of their commitment to providing unparalleled expertise and space systems solutions to the aerospace & defense industries, CREAN is building CelestNet – a constellation of relay and PNT satellites to provide next generation communications and data services to the solar system. For more than 20 years, the CREAN team has helped keep the US at the leading edge of aerospace innovation with a team that has grown to over 650 space systems subject matter experts. CelestNet is on track for a 2025 launch and is positioned to be the leading relay communication provider for the solar system.