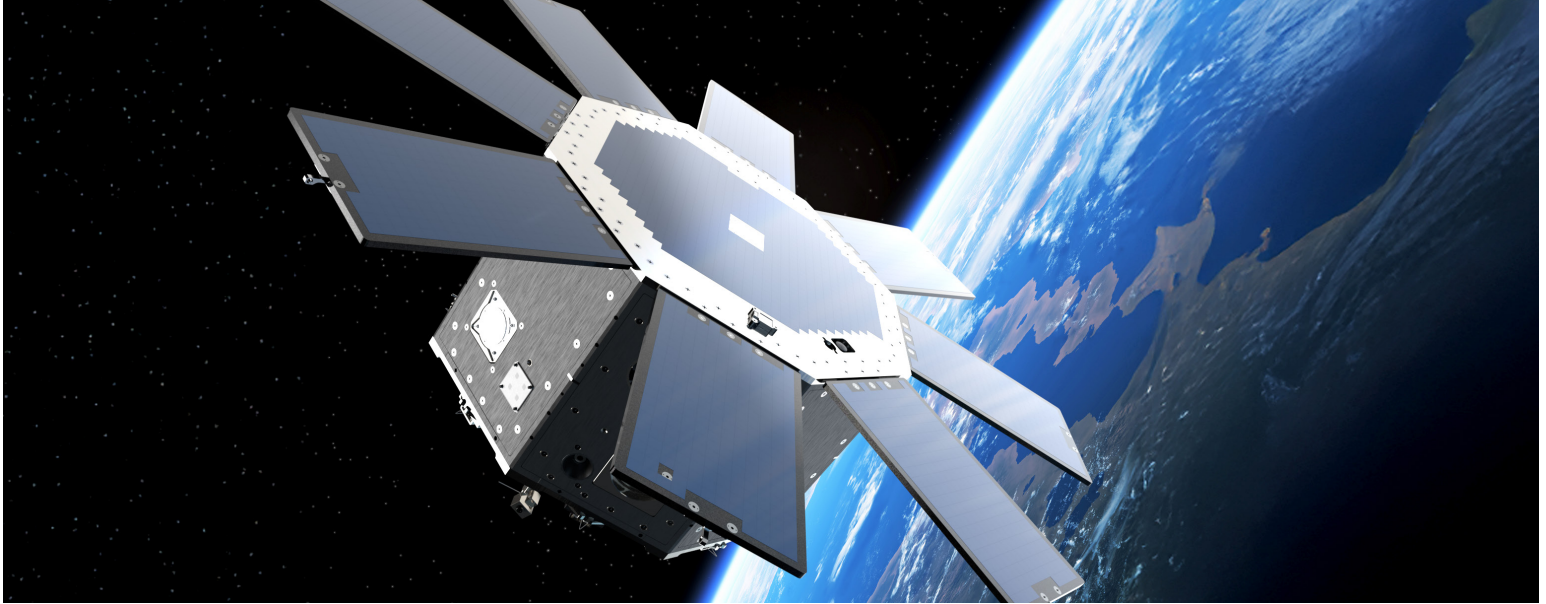


Mission Operations

Services and Support



PROVEN MISSION OPERATIONS SOLUTIONS

Sidus Space provides 24/7 real-time routine and non-real-time mission operations for satellites and payload missions. Whether it's spacecraft monitoring or utilizing modeling and simulation for optimization, we deliver results. Sidus provides innovative mission operations solutions tailored to meet your missions critical requirements.

Backed by experience in programs ranging from NASA and DoD to commercial ventures, our team brings together extensive expertise to ensure mission readiness and execution that is cost-effective with measurable outcomes.

- » 24/7/365 Operations for Low Earth Orbit (LEO) Missions
- » Amazon Web Services (AWS) cloud-based servers for data transfer and archival
- » Backup Control Center (BCC) capability
- » In-house designed C2 Routing, Encryption, and customer API integration.
- » Multiple ground station providers available for use to meet customers needs
- » Physical and Cyber-Security to ensure satellite and onboard payloads are protected

Planning and Validation

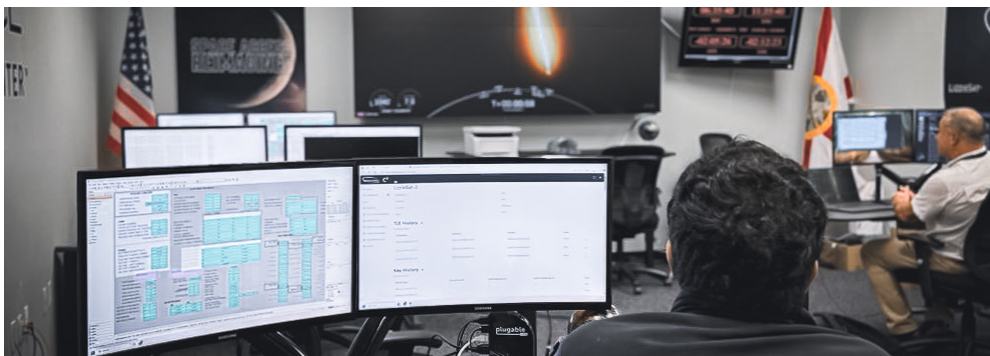
- » Attitude Control, Maneuver, and Transition Planning
- » Design, Development
- » Mission Operations Concept Development
- » Payload Planning
- » Procedure Development, Documentation and Validation
- » Rehearsal and Simulation Planning

Software Suite Operations

- » Automated Command Sequences
- » Operational Support Tools
- » Spacecraft Monitoring Tools

Mission Execution

- » 24/7 Operations
- » Anomaly Resolution
- » Execution and Evaluation
- » In-house Payload Operations
- » Payload Data Collection, Processing and Transmission to Ground
- » Payload Performance Analysis
- » Status and Health Monitoring
- » Telemetry, Tracking and Control (TT&C)



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