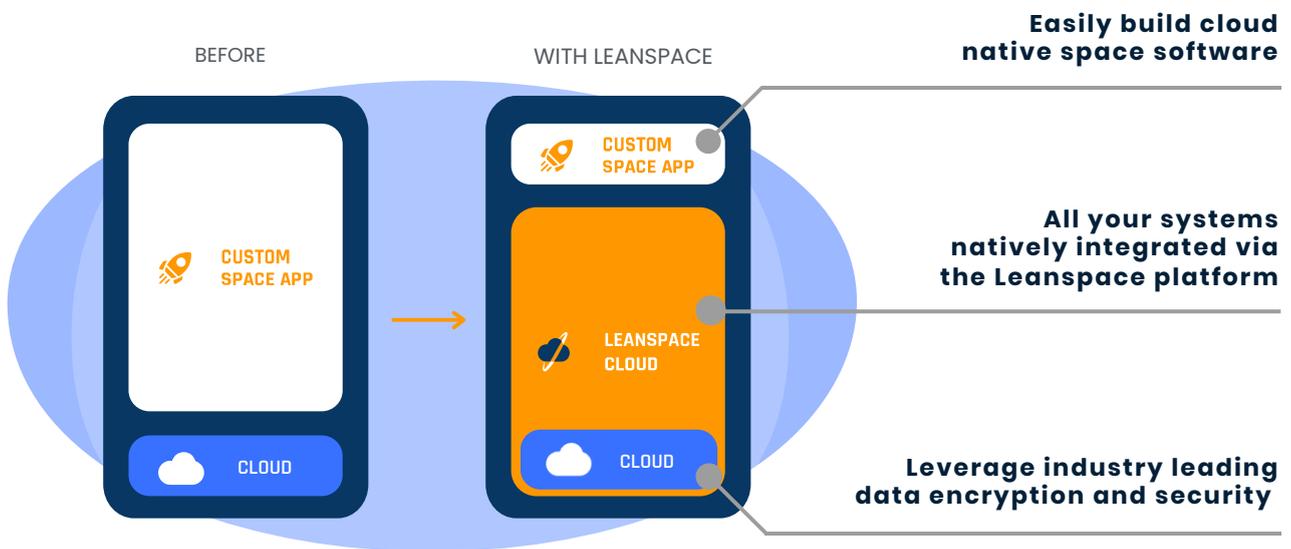




Build Secure & Scalable Mission Operations Center

Space organizations use the Leanspace Cloud Platform to develop custom mission-specific ground segment software such as Satellite Control, Mission Planning and Flight Dynamics systems.

Leanspace is transforming the way space engineers build software to operate satellites, from their first IOD to global constellations. Stay in control by building your systems the way that you want, and be empowered to change, add, and evolve them over time as you grow.



Stay In Control. Don't Lock Yourself In With Off-The-Shelf Software

Building in-house allows you to adapt to changing needs. With our cloud services, you can easily develop the systems you want, and evolve them as you grow.

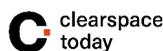
- Any platform, any payload, your logic, your UI... 100% customizable!
- Become an agile company, serve your customers better and accelerate your growth.

No More Painful Integrations

Connect all your software tools: from system design, to test data management, to satellite operations. Implementing digital continuity connects all your data and teams in one place.

- Do you still input and move data manually? Save time with a fully integrated software ecosystem.
- Cut costs, eliminate risks and start automating across your whole mission.

Leading Space Organizations Trust Leanspace



NETWORK & I/O

 Bitstreams

Decode real-time binary data (e.g. telemetry packets) to produce metrics.

 Commands

Enqueue telecommands for your assets and convert them for transmission.

 Routes

Securely move data between the cloud and any device, ground station or on-prem system.

DATA EXPLOITATION

 Metrics

Store and query time-series, from raw metrics to calibrated engineering values.

 Monitors

Monitor your metrics to detect anomalies and trigger alarms or actions.

 Dashboards

Design dashboards and widgets to visualise any Leanspace data.

 Test Records

Create structured records of test runs with data and its context acquired across test benches.

 Analytics

Deploy analytics platforms to analyze trends and generate insights.

TRANSVERSAL

 Topology & Assets

Define your assets and organize them for a holistic view of the entire system.

 Teams & Roles

Manage users, teams, and security via access policies.

 Mission Requirements

Verify mission objectives and operational requirements in real-time.

 Logs

Centralize applications and operations logs for smart auditing or debugging.

 Reports

Set up periodic reports to export any Leanspace data.

ORCHESTRATION

 Activities

Model the activities your assets perform and build an action schedule.

 Plans

Create testable operational plans, compare feasibility and outcomes.

 Events

Capture events critical to your operations, from eclipses to software updates.

 Passes

Create contact schedules and orchestrate uplink and downlink transmissions.

 Requests

Collect end-user requests to shape your operational activities.

 Procedures

Capture engineering & business processes into digital procedures & automate workflows.

SIMULATION

 Resources

Model and propagate onboard resource consumption of your planned activities.

 Orbits

Produce ephemeris & orbital events and connect them to the rest of your operations.

 Maneuvers

Compute maneuvers for transfers, station keep and collision avoidance.