



SECURE SPACE ACCESS ANYTIME, ANYWHERE™



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SECURE RESILIENT SCALABLE --- PROVEN

FORTUNE

AMERICA'S
MOST INNOVATIVE
COMPANIES 2023

AEROSPACE
& DEFENSE REVIEW

TOP 10

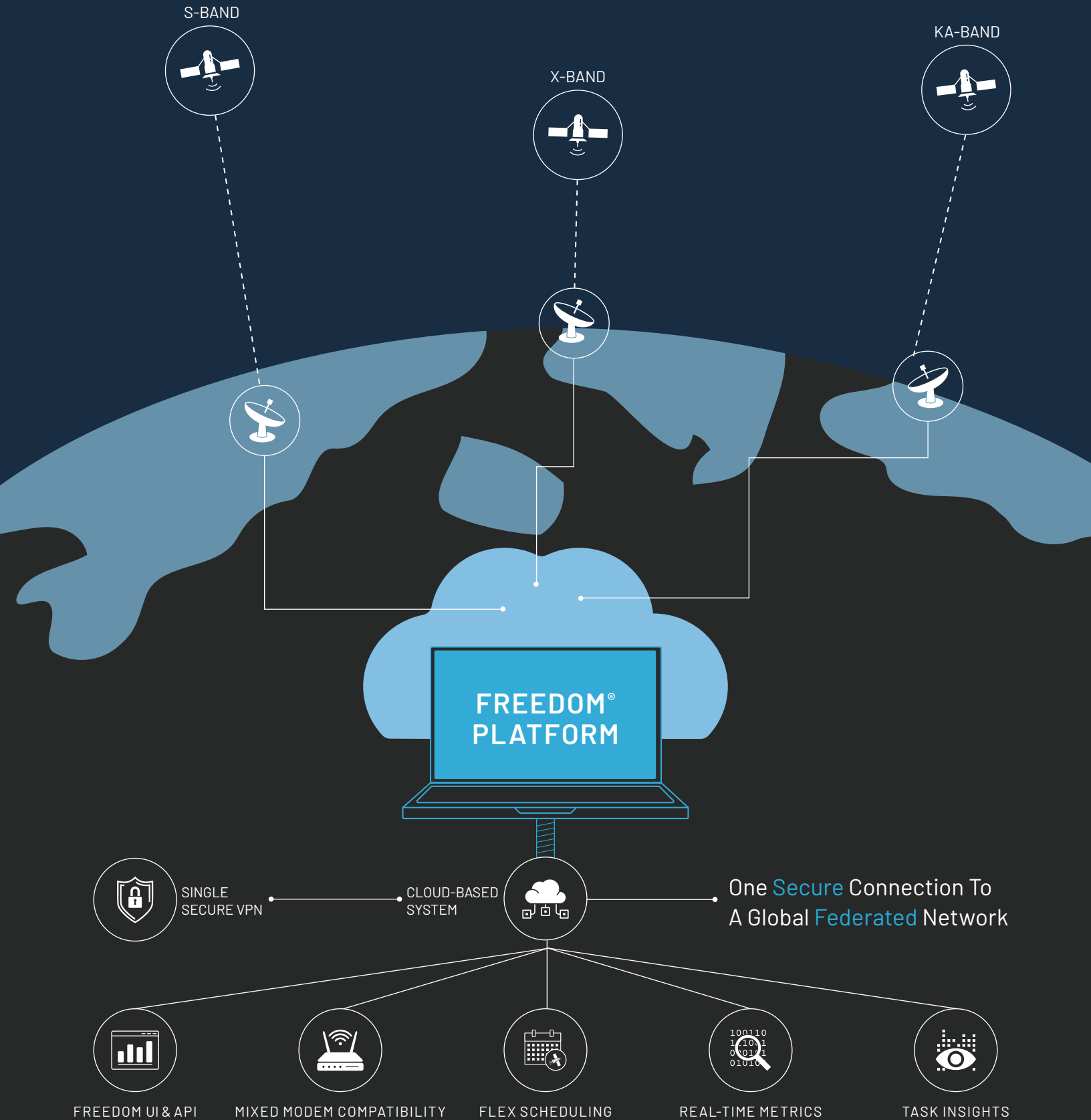
SPACE TECH
SOLUTIONS PROVIDERS - 2024



Awarded By

AEROSPACE
& DEFENSE REVIEW

GROUND SOFTWARE AS A SERVICE™



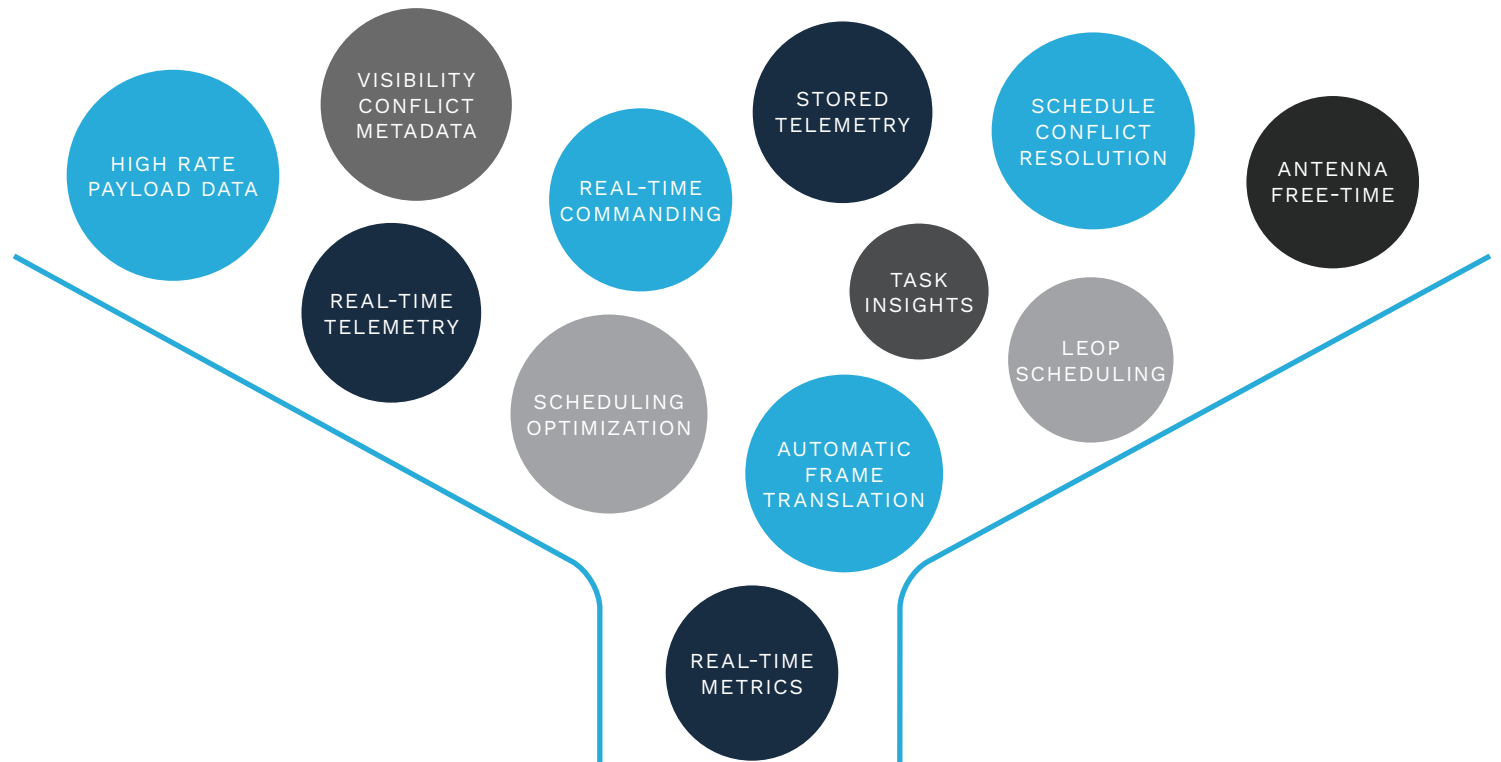
YOUR DATA. WHEN YOU NEED IT. HOW YOU WANT IT.

FREEDOM[®] SOFTWARE PLATFORM

Unified Access to Space and Data

Freedom is a federated network management system providing a simplified, intuitive solution to satellite communications. Freedom creates a single point of access to the ATLAS global federated network. ATLAS has reduced the complexity of integration by removing direct connections between spacecraft operators and ground sites. By exponentially reducing the points-of-access, securing and scaling the system becomes much simpler.

Freedom makes communicating with a spacecraft simpler, faster, and more economical than ever before. All Freedom interfaces are built for 100% automated, machine-to-machine RESTful API communication which enables clients to conduct lights-out mission operations. Rather than dedicating valuable resources to software development, manage your entire mission via the Freedom User Interface (UI) and receive access to features like Task Insights and Telemetry Backhaul.



Equipped with a RESTful web interface to the ATLAS federated network & Real-Time Messaging, supported by AWS IoT, Freedom keeps you up to date with system status.

Integrate seamlessly into the ATLAS federated network. This expensive, time-consuming workload is transferred to ATLAS, allowing clients to focus on their primary mission.

Freedom establishes the TCP/IP connection from client to antenna to provide users real-time commanding & telemetry with extremely low-latency.

FAST & SECURE DATA DELIVERY

Each ATLAS ground site is equipped with full featured, enterprise-grade network security components to eradicate malware, prevent penetration, and reduce vulnerability from potential threats. The ATLAS architecture and Freedom Software provide multiple layers of protection for our most-vulnerable system nodes by abstracting access to it, giving you peace of mind that your data is safe and secure with every single pass.



SECURITY

Security of your data is paramount. Freedom leverages industry leading compliance standards, employing multi-factor authentication, single-tenant architecture AES-256 encryption, IP whitelisting, time-based restrictions, and access through a single IP entry point.



PREVENTION

ATLAS utilizes a comprehensive suite of security services throughout our network including anti-virus protection, application controls, content filtering, and cloud-based sandboxing to stop advanced threats like ransomware and malware.



DETECTION

All ATLAS modems and servers are equipped with host-based intrusion detection and prevention protections. All audit and security related data are immediately and continuously forwarded to our centralized security information and event management (SIEM) which collects, aggregates, and correlates data across all ATLAS system components.



DELIVERY

ATLAS utilizes AWS Accelerated Endpoints to provide clients maximum data throughput with low latency. Our team is responsible for the data backhaul from our globally dispersed antenna network back to the AWS cloud and your servers.

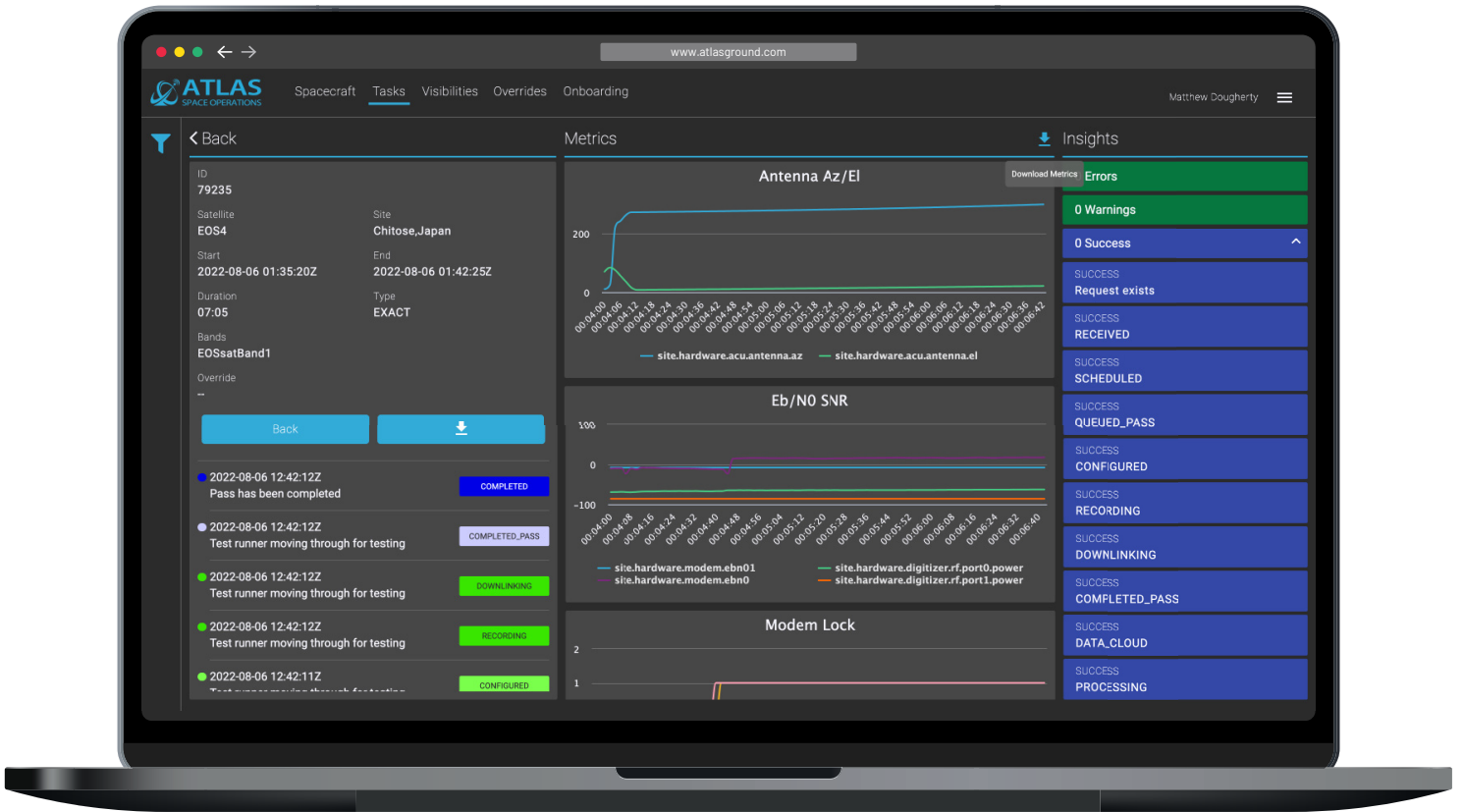


SUPPORT

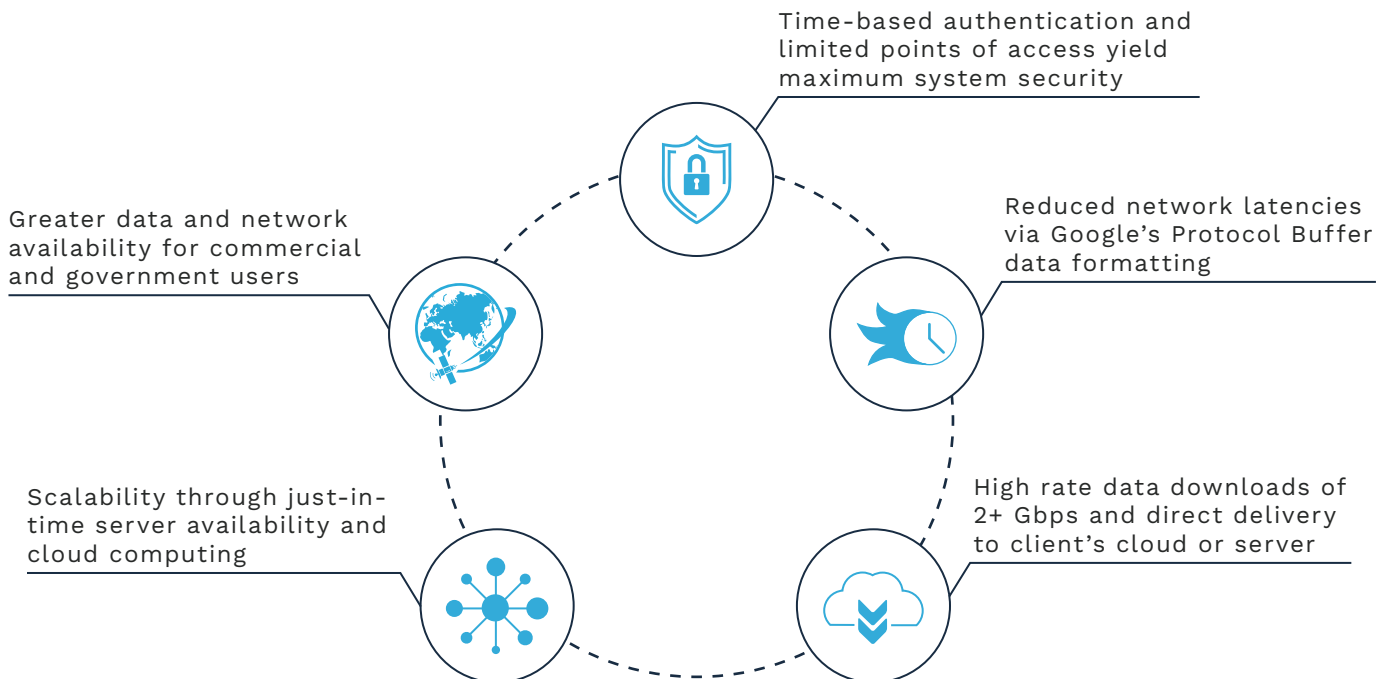
ATLAS maintains 24x7 operations staff to ensure continuous system availability and client support. With enhanced monitoring, alerting, and automation capabilities, you are assured ATLAS is always here to provide maximum system uptime.

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DESIGNED FOR YOUR MISSION SUCCESS



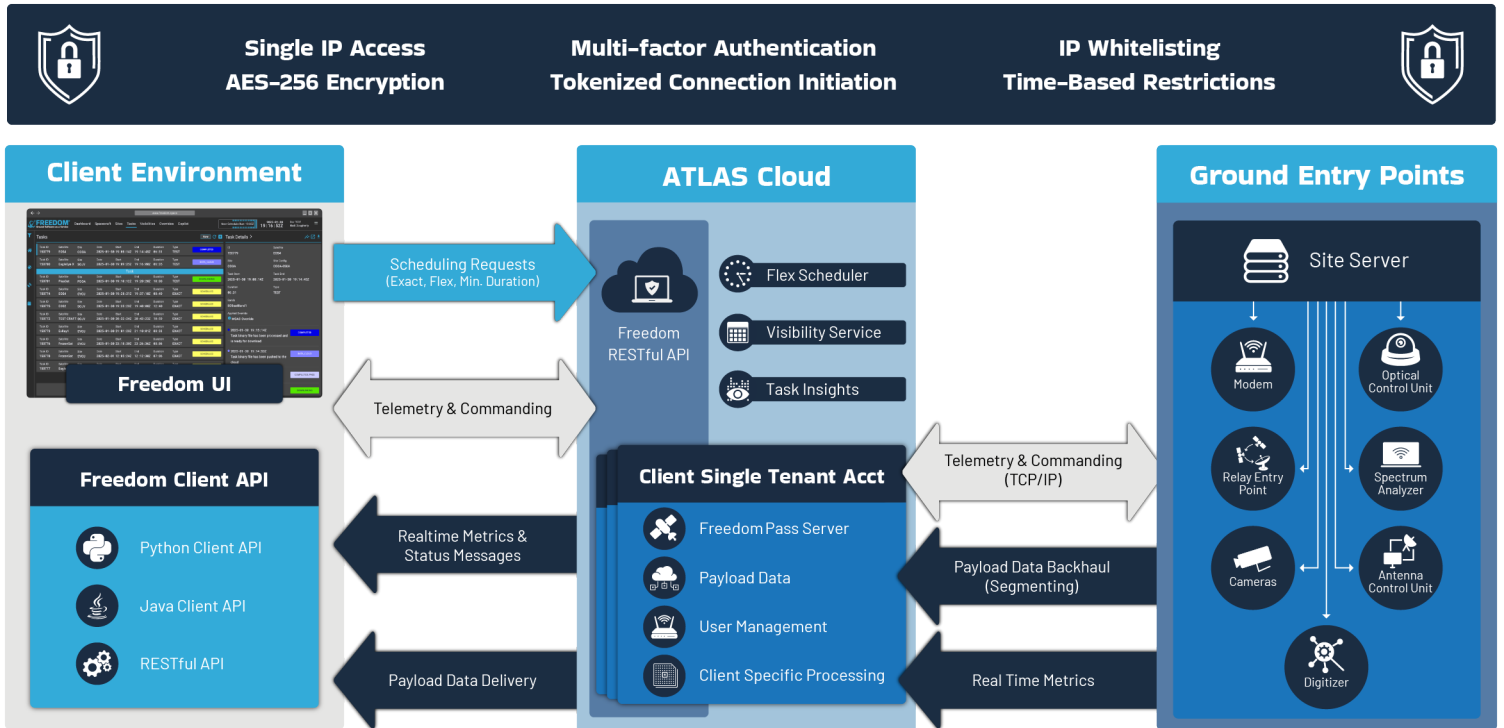
Freedom transforms the entire process of accessing your spacecraft and your data. Our software is designed to allow clients full automation and easy integration into existing architectures - using one frame format no matter the hardware. This gives our clients access to our entire global federated network - a network of networks which operate together allowing operators to have a simple, seamless, and flexible solutions for satellite communications. **Your data, on your terms.**



FREEDOM™

HOW IT WORKS

Mixed Modem Capabilities Saves You **Time & Money**



ATLAS PROVIDED API

ATLAS has made network integration simple. The ATLAS API is delivered to the client, in either Python or Java, giving operators access to libraries full of functions and methods that interface directly with Freedom via REST.

Speed of Integration - Saving you time and money.

CUSTOMER ENVIRONMENT

With Freedom, clients no longer have to build networking to each site individually. Once integrated into Freedom, spacecraft operators access commanding and telemetry to the entire federated network via a single entry-point.

Instant Access - Integrate once, access all federated antennas.

SHARED NETWORK

Full network access, without full network cost. The ATLAS 'Shared Network' allows multiple clients to use the same antenna and baseband equipment. Which means we're able to cut costs across the board - and pass savings back to you.

Shared Network - Global coverage that doesn't cost a fortune.

LEARN MORE AT ATLASSPACE.COM

GLOBAL FEDERATED NETWORK

50+

Active Antennas

34+

Ground Stations

20+

Countries

S-Band
X-Band
Ka-Band
UHF

American Samoa	Japan
Argentina	New Zealand
Australia	Rwanda
Bahrain	Singapore
Chile	South Africa
Ecuador	Sweden
Finland	United Arab Emirates
Ghana	United Kingdom
Guam	United States
Ireland	



Pictured: ATLAS Chitose, Japan 3.4m antenna

 ENTERPRISE
SITES

 DIGITAL
PARTNERS

 PLANNED
SITES



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ATLAS IN A BOX

Spacecraft Compatibility Testing Brought to Your Doorstep

The ground-side of space communications is the thread that connects the entire space industry, and we understand how valuable your data is to your mission. That's why we created ATLAS in a Box.

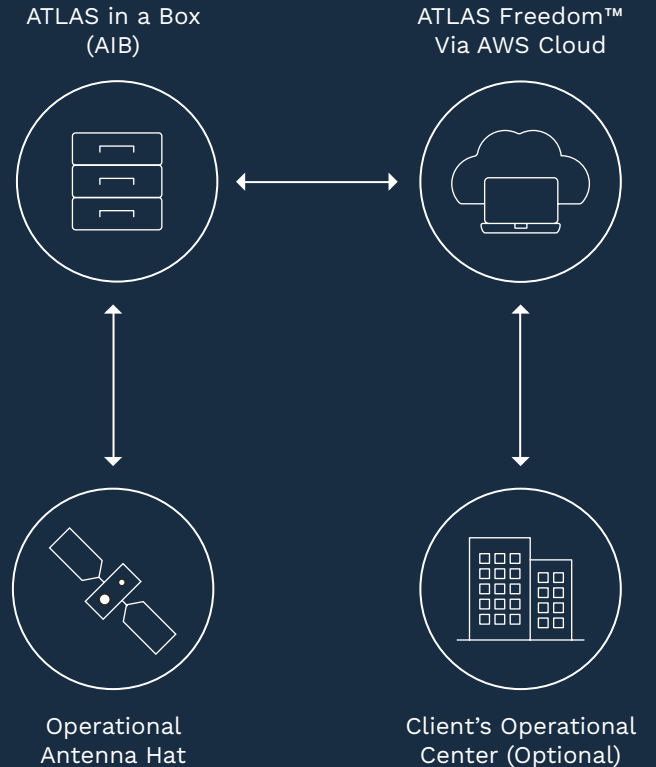
ATLAS in a Box (AIB) provides clients a hassle free, effective way to verify the compatibility of your satellites in production with the ATLAS network. AIB is a small form factor (1.3 cubic meters), transportable ground station emulation tool.

We ship our testing system, with an interface panel included, directly to you - giving you peace of mind that your spacecraft is mission ready.

HOW IT WORKS

- 1** Our team ships ATLAS in a Box directly to your office or operations center
- 2** Clients connect to the Freedom® Platform running in the cloud
- 3** Freedom connects to ATLAS in a Box, like any ATLAS or partner antenna
- 4** ATLAS in a Box connects to the client's FlatSat or simulator directly
- 5** Validate command & telemetry flow between FlatSat to Freedom
- 6** Once testing is complete - simply pack it up and ship the system back to ATLAS

End-to-End System Compatibility Testing



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ABOUT ATLAS



As the pioneer of Ground Software as a Service™ (G-SaaS), ATLAS Space Operations provides secure space access anytime, anywhere by driving valuable and actionable changes here on Earth. Leveraging Freedom®, our proprietary communications platform, ATLAS provides secure, scalable, and simplified ground services. Freedom is powerful and adaptable, providing services for government agencies and private sector clients, while also supporting ground networks outside of ATLAS.

Freedom is a cloud-based, data-driven, scalable space communications platform employing a fundamentally different approach to ground services. Unlike complex, costly, and labor-intensive legacy approaches, Freedom automates the communication process, pre-plans satellite passes, and eliminates the need for satellite owners to act as ground station operators. With ATLAS, operators receive industry-leading software by a world-class team of experts on a global antenna network.

ATLAS has been recognized by Financial Times as the #133 of the Fastest Growing Companies in the Americas. Additionally, it was nominated by Via Satellite's Satellite Technology of the Year, and as a finalist for the World Teleport Association's Teleport Awards for Excellence. ATLAS received recognition from CIO Review: Telecom Edition as one of the 10 Most Promising Technologies and Company of the Year (2023).

Unique to ATLAS is our position as veteran-supported with recognition in the Vet100, a subset of the Inc. 5000 that highlights the fastest-growing veteran-owned companies in America. This recognition carried special importance for the ATLAS team, as over 40 percent of employees are veterans of our nation's military.

Empowering Global Access to Space

Pictured: ATLAS Utqiagvik (Barrow), AK 3.7m antenna at 71°N - North America's highest latitude ground station



**CONNECTING YOU TO YOUR DATA.
EXPERIENCE FREEDOM[®] THROUGH SPACE.**

Learn more at atlasspace.com

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