



CONNECTING HUMANITY THROUGH SPACE™



ATLAS Solution



ATLAS Space Operations provides global ground communication services that enable access to real-time data from space through:

1

VIRTUALIZATION
OF GROUND
INFRASTRUCTURE

2

WORLDWIDE
INFRASTRUCTURE
CONNECTING THE
PLANET

3

DELIVERING
MORE DATA
...FASTER

How We Do It



Freedom™ Software Platform

- Cloud-based scheduling and ground station management platform
- Task and monitor passes via API with EXACT and FLEX requests
- Single, agnostic point of access to the ATLAS global network and space-based data
- Allows for increased scalability while reducing CapEx

Freedom™ Pass Server

- Securely stream data real-time in multiple bands for C2, TM
- ATLAS Frame interface to speed data transmission, enable rapid integration of disparate baseband equipment
- Enables use of multiple disparate baseband equipment without requiring changes to customer interface to ATLAS

Free-Time API

- Discover available antenna time, schedule up to 2-5 min before contact

Freedom™ Software Platform



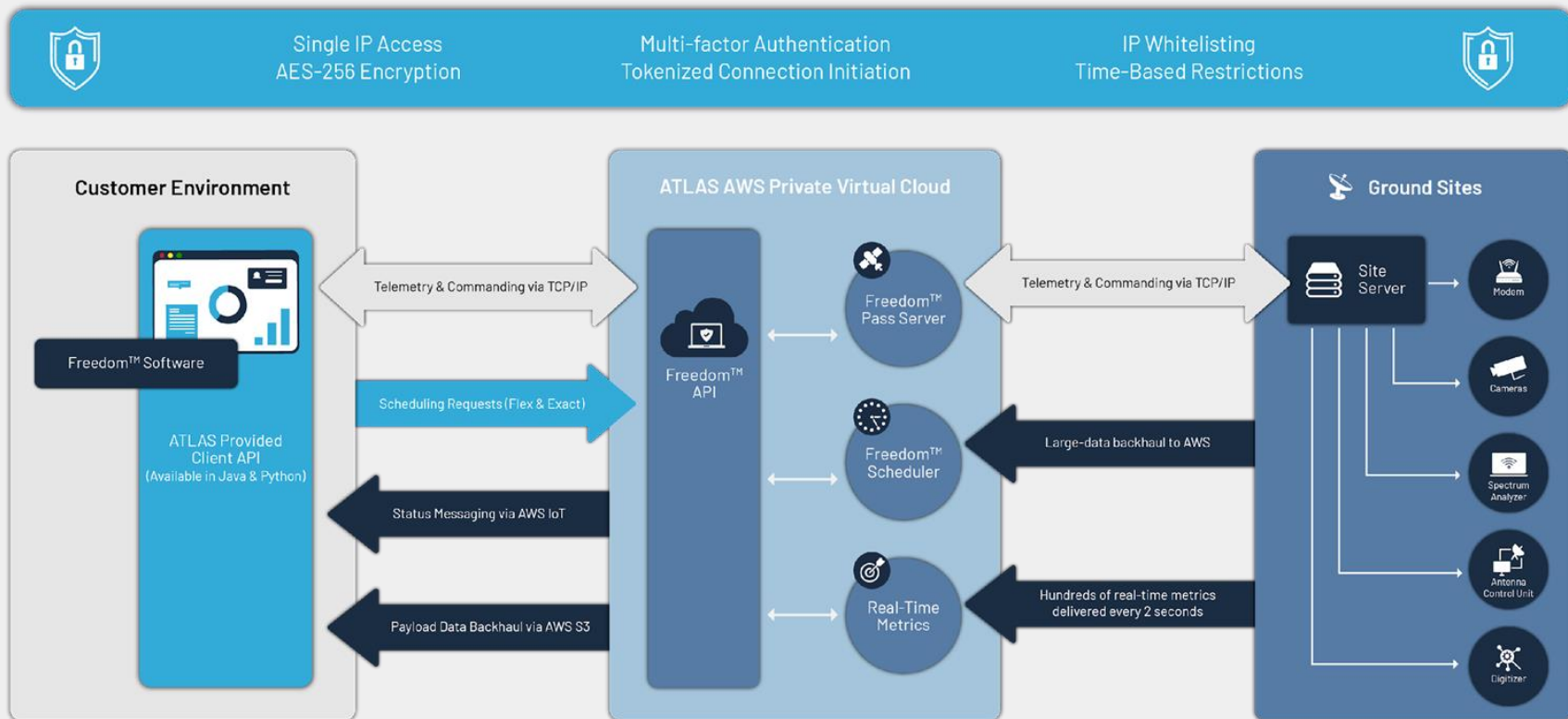
A revolutionary cognitive satellite operations platform, Freedom™ is the virtualization of ground infrastructure. Creating a single, agnostic point of access to the ATLAS global network and space-based data, Freedom™ increases scalability while reducing CapEx.

Key Features & Benefits

- Patented Freedom™ Pass Server
- Cloud-Based Software & API
- Secure, Automated, Scalable
- Rapid Access to Data
- Resource & Cost Efficiency



Freedom™: Cloud-based, Scalable & Available



Freedom™ is Better for the Operator



Customer Operations Platform Must :

- ✓ Be Resilient to attack and disaster
- ✓ Be Fully encrypted and secure
- ✓ Be Simple to Scale
- ✓ Be Cloud Based - for resilience, scaling, and cost
- ✓ Have One entry point (API, C2, TM)
- ✓ Be flexible to Customer needs
- ✓ Have rapid data delivery
- ✓ Solve problems once for all customer
- ✓ Continuously improve its capability



ATLAS DELIVERS

At a Single point-of-access, ATLAS provides a secure link to TT&C, Real-Time Data, Stored Data and integration to disparate ground networks

Global Ground Station Network



RF Bands

S-Band
X-Band
Ka-Band
Ku-Band
L-Band
C-Band



Low Latency

≤ 10 min



Downlink Capacity

≥ 300 Mbps



Secure NIST Compliant

AWS (AES-256)



ATLAS ACTIVE
GROUND STATIONS



ATLAS PLANNED
GROUND STATIONS





**THANK
YOU**

