ATLAS DATA SCIENCE

Business Update

June 2025



Freedom Technology Solutions Group - Proprietary Information

Executive Summary



Freedom's position as a leading-edge provider of geospatial intelligence solutions to the US National Security Community has given it the experience, resources, and reputation to bring its data management and governance infrastructure to a broader audience - across both the public and private sector.

About Atlas Data Science Atlas Data Science is a newly created entity developed to productize a <u>data management and governance solution</u>. As big data and Al/ML capabilities become core to enterprise decision-making processes, Atlas-DS enables these solutions by providing a centralized hub for data providers, repositories, tooling, and consumers - all while preserving the integrity, quality, and security of data.

Product Development Atlas-DS is gaining momentum and marching toward a Dec-25 release of a minimal viable product. Prior to launching in Dec-25, the development effort will focus on redesigning the custom architecture and components into a more flexible, and scalable, platform. Leveraging some open-source software components, the team plans to refactor the code base in preparation of a Mar-26 Version1.0 launch.

Go-To-Market Strategy Atlas-DS is pursuing a go-to-market strategy that highlights the platform's secure, scalable, and Al/ML-ready capabilities. The initial product rollout is focused on the geospatial domain, with development efforts closely aligned to these core features. Following early product iterations, Atlas-DS plans to expand into the financial services, logistics and supply chain, and healthcare sectors.

Budget & Financing

The investor group has ascribed a \$4MM pre-money valuation to Atlas Data Science and is committed to raising \$5MM for the initiative. Projected 2025 build costs are \$2.29MM. Atlas-DS will leverage Freedom and Adelphi Capital as its backbone during product development and initial customer evaluation.

Access

Tag

Label

Automate

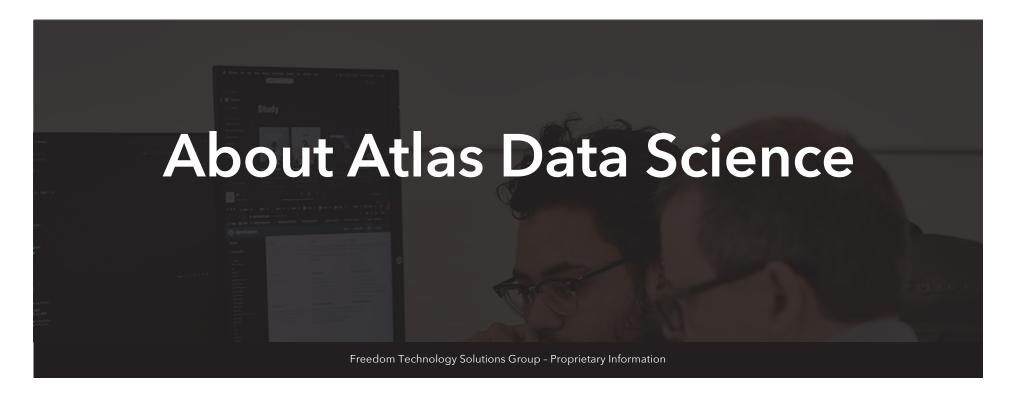
Search

Leveraging Freedom as its backbone, Atlas Data Science is a new-to-market company committed to building a data management and governance platform.

Freedom and Adelphi Capital are launching <u>Atlas Data Science</u> to develop a data management and governance product. Atlas-DS is ramping up its development efforts targeting a pilot-ready version by Dec-25, with the goal of releasing Version 1.0 in Mar-26.







Vision Statement



Atlas Data Science empowers organizations to unlock the full potential of their data through a cloud-native data management and governance platform. Our mission is to deliver a unified solution that connects data suppliers and consumers across the ecosystem, driving real-time business and mission insights.

Vision Statement At Atlas-DS, we envision a world where the exponential growth of data no longer overwhelms organizations but empowers them. As big data and Al/ML capabilities become core to decision-making processes, we strive to provide the **foundational data management and governance infrastructure** that preserves the integrity, quality, and security of data – ensuring that it remains a trusted and strategic asset.

Mission Statement At Atlas-DS, our mission is to **maximize the value of data** by providing a data management platform that enables raw structured and unstructured data to be transformed into trusted, high-impact insights. We aim to be a **leading innovator in the enterprise data management space** by delivering a comprehensive, source-of-truth platform that **unifies the data lifecycle** – from ingestion and cataloging to discovery and dissemination – into a single, cohesive data governance framework.

Value Proposition Our platform ensures that data is complete, accurate, secure, and Al/ML-ready - accelerating real-time, informed decision-making at scale. As a centralized and secure data hub, Atlas-DS seamlessly connects data providers, repositories, tooling, and consumers - streamlining end-to-end data workflows with confidence, compliance, and clarity.

Engineered for enterprise integration, Atlas-DS leverages open-source components, open APIs, microservices, and extensible interfaces, to **frictionlessly fit within complex, existing data ecosystems**. The platform's flexibility enables rapid implementation, minimal disruption, and long-term scalability. With automation at its core, Atlas-DS eliminates resource-intensive manual processes, strengthens accountability, and improves data quality and traceability.

Ultimately, Atlas-DS is not just a tool – it's a strategic enabler that ensures data is governed, actionable, and aligned with mission-critical objectives.



Product Overview



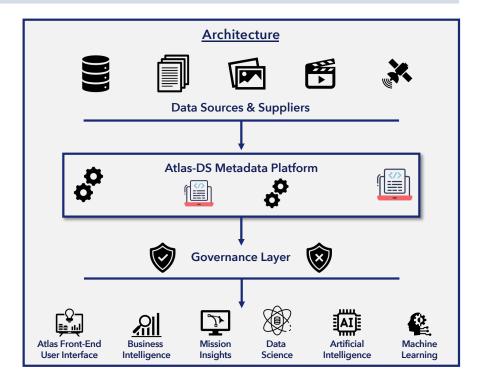
As a data governance and management solution, the Atlas-DS product accelerates data workflow processing and visibility. Its architecture and automated tooling ensure secure, compliant, and accurate data ingestion, classification, and conditioning - providing an integrated, source-of-truth for data consumers.

At its core, the Atlas-DS product is a central hub for Data Sources, Data Libraries, Tools/Software, and Data Consumers. The product accelerates visibility and management of the end-to-end data workflow process - enabling organizations to mature their data ecosystem and extract greater value from their data assets.

The platform enables ingestion, extraction, correlation, and matching of metadata across both digital and non-digital content. All metadata is automatically and continuously extracted, indexed, and consolidated into a centralized data catalog. The catalog provides a comprehensive view of an organization's data assets and content, enabling robust metadata tracking and discoverability.

Form the moment data is ingested, Atlas-DS enforces strict security protocols. An automated classification engine applies security tags and labels at the product, file and attribute levels - prior to any user or system interaction. Atlas-DS adheres to Public Key Infrastructure (PKI) standards, ensuring all content is discoverable, editable, and retrievable in accordance with organizational Identity, Credential, and Access Management (ICAM) policies and guidelines. The process aligns with U.S. Federal security directives and classification guidelines from the Intelligence Community (IC), Department of Defense (DoD), and National Security agencies - while remaining applicable to commercial environments.

Automated data conditioners ensure that all content is corrected, normalized, standardized, and tagged in compliance with organizational data policies. By merging the best attributes from multiple sources, Atlas-DS creates a single, authoritative "source of truth," ensuring rapid, secure, and policy-compliant data access based on user permissions.





Product Features

The Atlas-DS product delivers an integrated set of capabilities, featuring a centralized data hub, enhanced data accessibility, and robust security and compliance.

Centralized Data Hub

- Data Cataloging to centralize data metadata that can support both human and machine.
- Flexible Ingestion Framework to support multiple models for processing data collections.
- Metadata Management for feature rich detail about data, its origin, format, and key relationships.
- Data Quality to identify and address data quality issues to ensure accurate and reliable data for decision-making.
- Data Enrichment to derive new insights from metadata and data assets.

Data Accessibility

- Data Lineage Tracking to trace the flow of data from its inception to use, providing key observations to improve quality
 and accountability.
- User Interface to facilitate data discovery, enabling enterprises to leverage all its data assets.
- Data Steward & Administrative Interface for managing the contents, and the delivery, of the catalog.

Security & Compliance

- Access Controls so that only authorized users can access specific data, perform actions against data, and manage
 metadata about the data.
- Policy Enforcement of governance polices and standards.
- Support of **Compliance** with industry standards for data privacy and protection.



Atlas-DS addresses the following:

Where is my data?

Who is using my data?

What data is being consumed most?

What data is being consumed least?

What data is never consumed?

Who is providing me good data?

Who is providing me bad data?

How much storing my data cost?

How much does processing my data cost?

How many copies of data do I have?

Who is the most active consumer of data?

Who is the least active consumer of data?

When is my data being consumed?

How is my data being consumed?



Platform Capabilities

Value Proposition (page 1 of 3)



Atlas-DS delivers a comprehensive suite of flexible, scalable data management and governance services in the intermediary layer between data libraries, storage systems, and applications. The platform is an intelligent access engine for trusted, time-sensitive decisions in complex, mission-critical environments.

- 1 Centralizes Data Assets: Atlas-DS consolidates data assets into a unified platform by ingesting, extracting, tagging, and matching metadata creating a single source-of-truth catalog that spans across the entire data ecosystem.
- **Enables End-to-End Data Management:** By extracting and centralizing metadata, Atlas-DS delivers complete visibility into an organization's data assets. The platform also provides insights into end-to-end data workflow processes, including usage patterns and consumption trends.
- 3 Accelerates Mission Workflow: The platform accelerates data accessibility and the flow of information through mission workflows, reducing end-to-end processing time from ingestion to dissemination. It also enables rapid integration of new data sources, supporting timely, data-driven decision-making.
- 4 Enhances Data Security: The platform automatically tags and catalogs data while honoring source and content licensing requirements. Through integration with control management frameworks, it enforces access controls to ensure that the right analyst have access to the right data at the right time.

Platform

- Reduces Storage & Compute Costs: By providing a centralized catalog and unified view into data assets, Atlas-DS eliminates the need for inefficient data searches, reducing the compute resources required to locate data. It can also identify instances of duplicate data, helping to lower storage and access costs.
- **Enables AI / ML Capabilities:** By maintaining structure and high data quality within the catalog, Altas-DS enhances the effectiveness of AI/ML models in generating insights. The platform is designed for seamless integration into a wide range of AI/ML applications, enabling end users to leverage its capabilities.



Value Proposition (page 2 of 3)



Atlas-DS delivers a comprehensive suite of flexible, scalable data management and governance services in the intermediary layer between data libraries, storage systems, and applications. The platform is an intelligent access engine for trusted, time-sensitive decisions in complex, mission-critical environments.

		Platform Capabilities	
	Centralizes Data Assets	Enables End-to-End Data Management	Accelerates Mission Workflow
Description	Atlas-DS consolidates data assets into a unified platform by ingesting, extracting, tagging, and matching metadata – creating a single source-of-truth catalog that spans across the entire data ecosystem	By extracting and centralizing metadata, Atlas-DS delivers complete visibility into an organization's data assets. The platform also provides insights into end-to-end data workflow processes, including usage patterns and consumption trends.	The platform accelerates data accessibility and the flow of information through mission workflows, reducing end-to-end processing time from ingestion to dissemination. It enables rapid integration of new data sources, supporting timely, data-drive decision-making.
Use Cases	 Predecessors of Atlas-DS have ingested and cataloged data from 100+ sources, drawing from the intelligence community, foreign partners, and commercial vendors. 	 Increased visibility reduces discovery time for locating data. Increased visibility allows organizations to reduce duplicate purchasing of data. 	Cataloging large volumes of geospatial data, supporting performant search and retrieval across data holdings.
Testimonial	 Atlas-DS predecessors have improved the long- term durability of data assets, decreasing the risk that data loss that can lead to information gaps and negative mission impacts. 	"Your data management practices are light years ahead of other solutions. You think not just about the software, but about the complete approach to operations and push boundaries."	Via the current customer, the product has accelerated workflow speed from "months to minutes."



Value Proposition (page 3 of 3)



Atlas-DS delivers a comprehensive suite of flexible, scalable data management and governance services in the intermediary layer between data libraries, storage systems, and applications. The platform is an intelligent access engine for trusted, time-sensitive decisions in complex, mission-critical environments.

Platform Capabilities Platform Enablements (5) 6 **Reduces Compute & Enhances Enables AI / ML Data Security Storage Costs Capabilities** The platform automatically tags and catalogs By providing a centralized catalog and unified By maintaining structure and high data quality data while honoring source and content licensing view into data assets, Atlas-DS eliminates the within the catalog, Altas-DS enhances the requirements. Through integration with Identify need for inefficient data searches, reducing the effectiveness of AI/ML models in generating and Access Management (IDAM) and Finecompute resources typically required to locate insights. The platform is designed for seamless Description Grained Access Control (FGAC) frameworks, it specific information. It can also identify instances integration into a wide range of AI/ML enforces Role Based Access Controls (RBAC) to of duplicate data, helping to lower storage and applications, enabling end users to quickly and ensure that the right analyst have access to the data access costs. easily leverage its capabilities. right data at the right time. • In the past year, over one billion files have been • The product's metadata catalog can help The product enables AI/ML capabilities by processed with zero security incidents. expedite data discovery, minimize retrieval securely delivering high-quality purpose-fit Use Cases • There are 24 quadrillion security combinations efforts, and highlight instances of duplicate data to applications, ensuring optimal that the predecessor product navigates. performance and insight generation. • The predecessor product demonstrated "a The predecessor product "appears best · Engaging in user authentication and releasability decision making, and distributing promising approach to the design of cloudequipped to adapt to the pace and Testimonial raw data to downstream applications, native data services" by leveraging IaC to requirements of modern AI/ML machine-todecreasing security vulnerabilities. enable maintainability and transparency. machine catalog operations."



Content Specialties



The Atlas-DS platform is capable of ingesting a wide variety of data, and content, types - with a strong existing focus on geospatial, financial, and supply chain data. The team envisions expanding these core strengths to deliver deeper insights, improve decision-making, and adapt to evolving customer demands.

Geospatial Data

Predecessors of the Atlas-DS platform were founded on complex geospatial data, allowing end users to exploit information with a level of precision that competing products lack. This capability is critical for missions where accuracy and location-specific insights are paramount.

The predecessor product manages geospatial data from 10+ commercial vendors and numerous intelligence community partners.







Financial Data

Atlas-DS also has deep roots in financial and data. By ingesting large volumes of information and intelligently matching metadata, it enables end users to discover connections between people, entities, and other obfuscated stakeholders.

After the inclusion of ultimate beneficial owner data, the predecessor platform experienced user expansion from 50 to 500+ users.

Bloomberg

SAYARI



Supply Chain Data

Predecessors of the Atlas-DS have experience in managing logistic and supply chain-related data. This includes large volumes of complex relational data over extended time periods that are geospatially enabled.

The solution offers access to and insight into suppliers, transporters, routes, ports, airfields, factories, and other key supply chain infrastructure.

SAYARI EXIGER

Other Data Types of Data

Atlas-DS is capable of managing a wide range of data types, including but not limited to:

- Intelligence Reporting
- Demographic Data
- Biometric Data
- Healthcare Data
- · Law Enforcement / Judicial Data
- Research, Design, and Development Data



For the go-to-market strategy, Atlas-DS will focus on sectors where it has deep content expertise – namely geospatial, financial, and supply chain domains. Over time, the Company will broaden its reach by expanding into new markets and content areas, leveraging its adaptable platform to meet a wider range of customer needs.



Product Enhancements



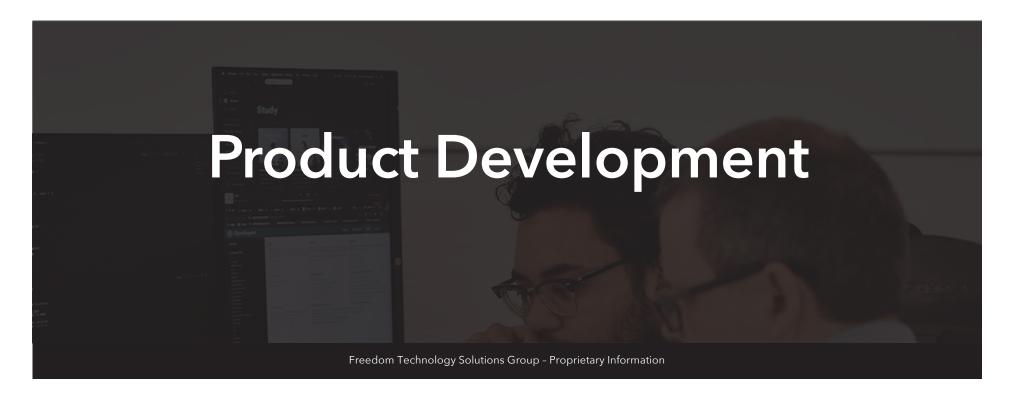
Atlas-DS has identified key enhancements that significantly extend the capabilities of the predecessor platform. These are central to our go-to-market strategy, and clearly communicating their value to the existing customer will be critical in driving adoption and reinforcing Atlas-DS position in the geospatial market.

Component	Enhancement	Benefit
Data Ingestion	Development of a dynamic method for establishing cost-effective new connections with a wide range of data sources and suppliers.	Streamline implementation complexity and reduce the dependency on ProServ - enabling new data integrations in minutes rather than months.
Data Catalog	Development of a flexible framework for defining, indexing, and populating the data catalog.	Enhance data quality and organization within the catalog, leading to improved data matching accuracy and quicker discovery.
Security	Development of an adaptable integration layer for enterprise-grade security and authorization frameworks.	Reduce ongoing platform administrative overhead and provide quicker method for updating of access rights.
User Interface	Development of an intuitive interface for data discovery.	Enhance the ability for analysts to easily explore and exploit the catalog and interact with data assets.
Data Steward & Administrative Interface	Development of a backend interface for data management.	Strengthen data governance by providing the tooling necessary to manage data quality, monitor usage, and visualize data lineage.

The Atlas-DS team believes that these product enhancements constitute a fundamental advancement over the predecessor capability - and are likely to attract strong interest from a broad range of prospective customers, including the current customer.







Development Timeline (page 1 of 2)



Atlas-DS is committed to delivering a pilot-ready product by Dec-25. To achieve this, the Company has assembled an agile, cross-functional team and is establishing structured development sprint cycles to drive consistent, and measurable, progress toward an on-time delivery.

Product Planning &	Core Catalog	Ingestion & Dissemination	Pilot	Version 1.0
Platform Infrastructure	Development	Engine Integrations	Product Launch	Product Launch
Underway	Q2-25 & Q3-25	Q4-25	Dec-25	Mar-26

Atlas-DS is currently in the Product Planning and Platform Underpinnings phase.

- As part of product planning, Atlas-DS is aligning on core features and capabilities, designing the overall platform architecture, and actively grooming the codebase backlog - an ongoing and iterative effort.
- In parallel, the team will begin work on the platform infrastructure, which will include setting up the cloud environments and DevOps pipelines to support development.

In May 2025, Atlas-DS will begin work on the core catalog component of the product.

- At the centerpiece of the Atlas-DS platform, the catalog will be a primary focus of the development efforts, utilizing agile software development processes throughout this phase.
- To support this work and build out the platform's capabilities, Atlas-DS plans to hire a UI/UX Developer in July to lead the design and development of the administrative, data steward, and consumer user interfaces.

In November 2025, the team will begin integrating additional components with the catalog.

- Building on the catalog development efforts, the team will connect the ingestion and transformation pipelines. The team will also integrate interfaces to enable dissemination mechanisms.
- While testing will be ongoing through the entire development cycle, this phase will place a strong emphasis on testing to ensure seamless functionality and reliability across the platform.

Atlas-DS plans to launch a pilotready product in December 2025

with an early adopter.

- Starting in Q3 2025, or earlier, Atlas-DS will work to identify potential early adopters in the public sector - particularly those that require data management solutions in the geospatial, financial, and supply chain domains.
- The team's goal is to have a customer ready to accept the pilot product in Dec- 2025.

By March 2026, Atlas-DS intends to launch Version 1.0 and actively engage sales channels.

• The go-to-market strategy focuses on delivering a mission-ready Version 1.0 of Atlas-DS by March 2026, initially targeting organizations that require secure, high-quality data workflows. Atlas-DS will first target the public sector and quickly expand to channels in the private sector.



Development Timeline (page 2 of 2)



Atlas-DS is committed to delivering a pilot-ready product by Dec-25. To achieve this, the Company has assembled an agile, cross-functional team and is establishing structured development sprint cycles to drive consistent, and measurable, progress toward and on-time delivery.

Development Timeline

Product Planning: Atlas-DS is currently in the product planning phase; which entails aligning on the features and capabilities, designing the architecture, and grooming the codebase backlog (ongoing).

Platform Underpinning: In May, once key teammates are onboarded, Atlas-DS will quickly move to creating the environments and pipelines for development.

Catalog Component: Atlas-DS will also commence work on the catalog component in May. This is the core of the platform, and much of the development work will be spent iterating on this component. As part of this phase of work, Atlas-DS plans to hire a UI/UX Developer (slated for July) to design the user interfaces.

Ingestion Component: In November, the team will leverage the work completed on the catalog and connect the ingestion pipelines for data flow.

Dissemination Component: In November, the team will also integrate pieces with the dissemination mechanisms.

Launch: Atlas-DS plans for a Dec-25 launch with a strategic customer. The team address enhancements and software changes in order to launch Version 1.0 in March-26.

PROJECT PLAN TO LAUNCH					2025						2026	
		Q2-2025		Q3-2025			Q4-2025			Q1-2026		
	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-2
1. Product Planning	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-2
Define Features & Capabilities												
Design & Mature Architecture (Diagrams, etc.)												
Backlog Grooming (Feature & Issue Refinement)												
2. Platform Underpinnings	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-2
Prepare Cloud Account for Delivery & Testing												
Design & Create Dev Environments CI/CD Pipelines												
Design & Create Container Images												
Maintain Cloud & Development Resources												
3. Catalog Component	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-2
Design & Create API Interfaces and Database Schema												
Design & Create Security Strategy												
Refactor Query Filtering Based on Claims												
Design & Create User Interfaces (Admin, Data Steward, Search)												
4. Ingestion Component	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-2
Refactor Data Ingestion / Transformation Pipelines												
Refactor Listener to Reference Catalog Data Definitions												
Update & Repackage Digital Delivery												
5. Dissemination Component	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-2
Integrate Security & Access Components												
Update Software Dependencies & Components												
Integrate User Interfaces												
6. Launch	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-2
Launch Pilot-Ready Version												
Receive Feedback on Pilot												
Iterate on Feedback												
Launch Product Version 1.0												



About the Team (page 1 of 2)



Freedom and Adelphi Capital are building out the Atlas-DS team with a diverse set of business and technical talent, bringing together a wide range of skills and experiences. The team will be led by Eric Ruttenberg, who is a proven leader at the intersection of technology, national security, and commercial innovation.



Rear Adm. Eric Ruttenberg (CEO) is a proven leader at the intersection of technology, national security, and commercial innovation, with over 35 years of experience spanning the U.S. Navy, intelligence community, and private sector. Eric has held key leadership roles in both government and industry, making him uniquely suited to lead Al-powered ventures that bridge commercial and government markets. He served as Chief Engineer of Naval Information Warfare Systems Command and Executive Director of PEO Enterprise Information Systems, where he oversaw large-scale modernization efforts for U.S. military networks and cybersecurity infrastructure. His expertise extends to space systems, special operations technology, and Al-driven intelligence solutions, with extensive work supporting JSOC, SOCOM, and PACFLT.

In the private sector, Eric has successfully connected commercial businesses with government opportunities. His background also includes deep technical leadership at the National Reconnaissance Office (NRO) and L3 Communications' Special Projects Division, where he drove innovation in secure communications, space technology, and mission-critical Al applications. Notably, Eric maintains a SCI security clearance and has earned the highest praise from Bob Sharp, former Director of the NGA, reinforcing his credibility and expertise in national security and advanced technology domains.

Austin Powell

Director

Austin has over a decade of experience spanning private equity and consulting, most recently at Adelphi Capital - the sponsor behind FTSG and Blackpoint Cyber. He will lead Atlas-DS efforts from a business and operational standpoint. Austin has a BS in Business Administration from UNC Chapel Hill, with a double major in Political Science.

Robert Price Database Engineer Robert has 20+ years of software engineering experience and deep expertise of relational databases and Oracle. He was most recently with teKnoluxion Consulting and previously at Ball Aerospace. He is familiar with the current customer and holds a security clearance. Robert has a MS in Information Management from Washington University in St. Louis.

Alain Atemnkeng *Platform Engineer*

Alain has 10+ years of DevOps experience and is deeply familiar in managing the tooling that Atlas-DS will utilize for development. He was most recently a DevOps Engineer at Verizon Wireless and previously served in a similar capacity at Virginia Tech. Alain has a MS in Information Technology from the University of Maryland Global Campus.

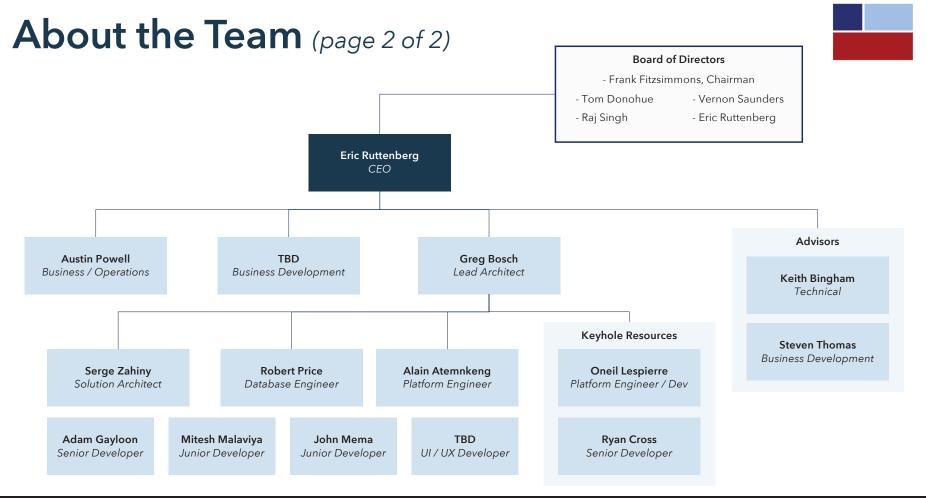
Greg Bosch Lead Architect Greg has 20+ years of experience spanning software architecture, IT consulting, and geospatial intelligence. He is the Director of Software Development at FTSG and previously held leadership roles both at Ball Aerospace and TASC. Greg has a BS in Geography with a field of study in Computer Science from Northwest Missouri State University.

Serge Zahiny Solutions Architect Serge has 20+ years of experience in software development, solution architecture, and databases. He was the Principal Cloud, Data, and DevOps Architect at Trust Engine. Previously, he worked at Monster Lead Group and ADNET Systems and is familiar with the startup ecosystem. He holds a MS in Computer Science from State Technical University in Ukraine.

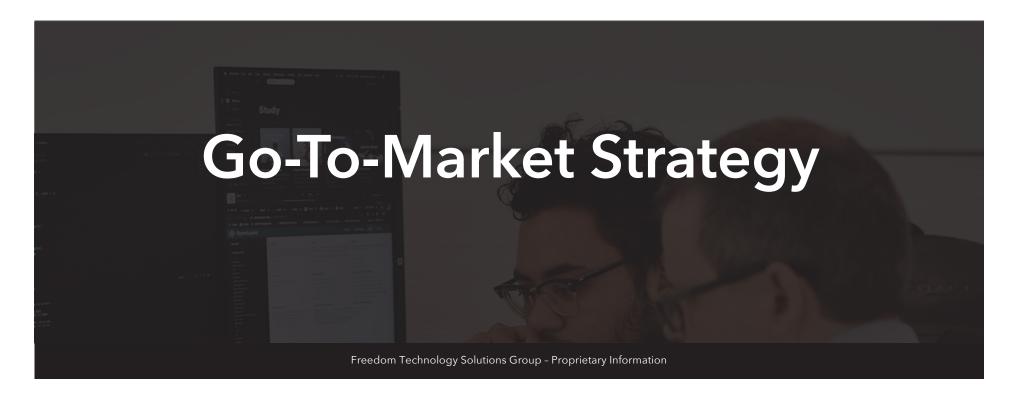
Adam Galyoon
Developer

Adam is full stack developer with experience in Node.js and Python, languages that Atlas-DS will leverage. Most recently, was a Senior Engineer at Super Systems and previously was at CoreLogic and Lionbridge Technologies. Adam holds a security clearance and has a MS in Computer Science from Georgia Tech.









Market Headwinds & Tailwinds



Atlas-DS sees numerous market accelerators, enhancing the importance of its product. These include the race to incorporate AI/ML capabilities, the public sector appetite toward procuring COTS products, and the product's alignment in enabling key administration strategic priorities.

wind	

Data-Driven Decisions

Public and private sectors shift toward leveraging big data-driven decisionmaking, fueled by the rapid expansion of data sets.

As organization rely more heavily on large, diverse, and fast-evolving datasets to support critical functions - from supply chains and finance to national security and healthcare - the need for platforms that can seamlessly unify, govern, and derive actionable insights from complex data is growing.

Race to Incorporate AI/ML Capabilities

As public and private sector organizations accelerate efforts to adopt AI/ML as a strategic force multiplier, the demand for high-quality, well-governed data solutions is growing rapidly.

This shift creates a significant market tailwind for Atlas-DS, which is purpose-built to enable AI/ML by transforming raw, structured, and unstructured data into a discoverable catalog than can enable trusted, actionable insights.

Public Sector Procurement to Favor COTS Products

Executive Order (04/16/25) codified the importance of COTS Products in government procurement decisions.

The Atlas-DS platform is just that - a flexible, malleable product that can be quickly procured and seamlessly implemented into operations.

"It is the policy of my Administration that agencies shall procure commercially available products and services, including those that can be modified to fill agencies' needs, to the maximum extent practicable, including pursuant to the Federal Acquisition Streamlining Act of 1994."

Atlas-DS Aligns with Administration's Strategic Priorities

The current Administration is keen to advance its position on three key areas - the Southwest Border, Cartels, and China.

The Atlas-DS platform, and its legacy product, have already provided strategic, mission-forward value in these areas. The recent expansion from 50 to 500+ users relates to Treasury and Law Enforcement efforts that directly supports two of the Administration's priorities.

Headwinds

Massive Federal Organizational Realignments: A significant IC/DOD and Federal market headwind relates to DOGE efforts, which has altered budgets, created mass exodus
of Federal employees and has prompted agency, directorate, office and organizational restructuring.



Data Management & Governance Market



The universe of data management and governance solutions is vast, ranging from the largest traditional datalake / lakehouse provider that embed data management and governance in their platforms, to more nimble commercial players, to large government services firms that develop bespoke solutions.

Large Datalake / Lakehouse Providers w/ Management & Governance Imbedded



Snowflake is a cloud-based data platform that enables organizations to store, snowflake integrate, analyze, and securely share large volumes of data. Snowflake has a market capitalization of \$60B.



Databricks is one of the data platform providers, enabling organizations (including the DOD/IC) to manage data. In Dec-24, Databricks raised \$10B in Series J funding, valuing the Company at \$62B.



Cloudera is a hybrid data platform that enables enterprises to manage and analyze data cross clouds. Cloudera was private by KKR in Oct-21 for \$5.3B.

Commercial Data Management & Governance Solutions

atlan

Atlan is a data collaboration platform that centralizes and organizes diverse data into a unified interface. In May-24, Atlan raised \$105MM in Series C, bringing its valuation to \$750MM.



Alation provides a catalog combining ML and human curation to help enterprises find, understand, and trust data. In Nov-22, Alation raised \$123MM in Series E funding, valuing the Company at \$1.7B.



DataHub is an open-source metadata platform designed to streamline data discovery, governance, and observability across complex data ecosystems.

Bespoke Data Management & Governance Solutions

Many large government services firms have assisted the public sector in developing tailored data management and governance solutions for specific use cases.

Booz | Allen | Hamilton







Case Study Bluestag

Bluestaq is a Colorado Springs-based startup that provides secure data management systems for DOD customers. Its platform supports cloud-based, hybrid, and edge environments enabling data integration, storage, discovery, and sharing. Originally developed to support the US Space Force's Space Domain Awareness mission, Bluestag has since expanded to serve a broader range of defense and government customers. In December 2024, the Company secured a \$50MM investment from Bow River Capital at a \$200MM valuation, demonstrating the volume of capital entering the space as well as the significant valuations.





Go-To-Market Strategy



Atlas-DS is positioned to address critical public and private sector data challenges through a targeted go-to-market strategy. The Atlas go-to-market strategy would benefit in the following software product go-to-market best practices, including but not limited to:

Market Analysis & Segmentation

- Conduct further research of the competitive landscape and determine the "white space."
- Analyze customer segments and define key performance indicators and goals for groupings.

Status: In Progress.

Value Proposition

- Identify key product differentiators, along with strengths and weaknesses.
- Informed by market analytics and research, clearly refine capabilities list to address specific customer pain points.

Status: The team has developed key features for the minimum viable product, which inform the value proposition.

Product Development & Positioning

- Prioritizes capabilities and features for development of initial version.
- Iterative on the code base backlog, incorporating feedback from the market.
- Roadmap key product features and updates that can expand potential customer set.

Status: In Progress.

Developing Sales Channels

- Develop a list of public and private sector friends and foes for partnership opportunities.
- Build out sales channels through industry relationships and conferences / symposiums.

Status: The team is meeting with potential partners in the coming weeks.

Marketing & Promotion

- Refine Atlas-DS brand messaging to address evolving customer needs.
- Customer Relationship Management (CRM): Atlas-DS CRM to manage customer interactions, track sales progress.
- Marketing/Event calendar that aligns with Atlas-DS feature & product rollouts.

Status: The team has engaged a branding firm to kickstart efforts.



Immediate Go-To-Market Strategy



By leveraging its proven capabilities and past performance in federal programs, Atlas-DS will initially target customers in the existing Freedom ecosystem. Atlas-DS also aims to also drive adoption through strategic commercial partnerships.

Existing Freedom Customer Universe

The initial target customers will be NGA, NSA, DIA, CIA, and ODNI, leveraging Freedom's proven track record in these spaces.

Critical to this effort will be building allies in these agencies that recognize the challenges Atlas-DS addresses, including Chief Data Officers, Chief Technology Officers, and Chief Information Officers. These stakeholders often drive initiatives around data modernization, cloud adoption, and Al/ML integration, positioning them as ideal allies for promoting ATLAS-DS's capabilities. Business development will use a multi-pronged strategy utilizing existing agency relationships to submit whitepapers, offer tech demonstrations, and pursue work on existing and new procurement vehicles.











Commercial Opportunity

The commercial opportunity will be exploited by partnering with content and data providers who see Atlas-DS as an enhancement to their stack.

Data producers / providers will be able to use the Atlas-DS product as a method for streamlining data ingestion, indexing, and distribution. These entities may be able to offer co-branded or white-labeled versions of Atlas-DS that complement existing product suites, positioning Atlas-DS as a value -add rather than a competitor. As this channel develops, Atlas-DS can be tailored to industry-specific solutions for verticals like finance, healthcare, and logistics, where scalable cloud-native data solutions are increasingly in demand. Additionally, Al/ML providers may be able to leverage the product's ability to streamline data pipelines for analytics.









Market Expansion Opportunities

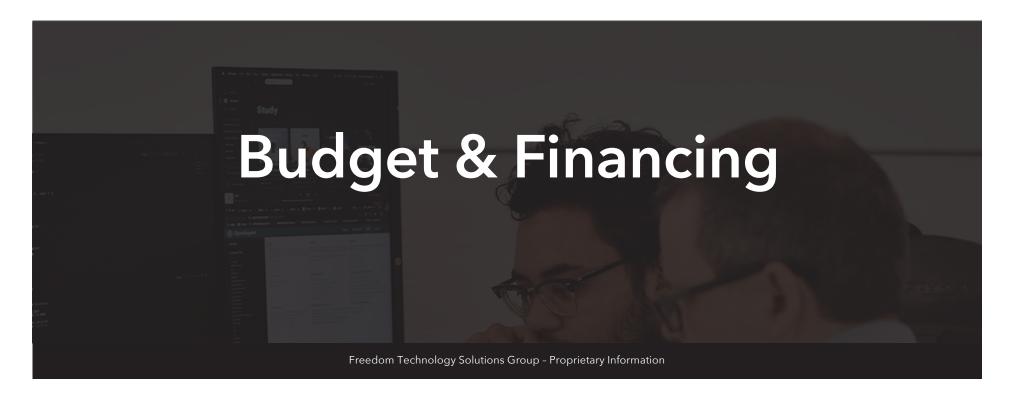


Initially, Atlas-DS will leverage its roots in the Geospatial market and target customers who rely on this specialized data form. As part of the go-to-market strategy, Atlas-DS aims to expand into other adjacent markets - such as Financial Services, Logistics & Supply Chain, and Healthcare.

Market	Description	Target Customers
Geospatial Market	The first iteration of Atlas-DS will focus on the Geospatial Intelligence and Multi-Intelligence markets - domains where Freedom brings deep expertise from a previous version of the solution. Atlas-DS has identified enhanced features tailored to these sectors, building on and expanding the capabilities of the original platform. Developing a product that these markets can leverage will form the foundation for the initial go-to-market strategy.	NGA and other customers across the intelligence community that have a geospatial-based mission
Financial Services	Secondly, Atlas-DS will target organizations in the financial sector. The product is well-positioned for this market, with proven capabilities in handling complex financial data. Key use cases include: i) Vendor Risk Assessments: assisting in analyzing supplier risks to support regulatory compliance, ii) Fraud Detection & Anomaly Reporting: assisting in identifying suspicious transactions to help reduce fraud.	Federal and state agencies and the broader banking industry
Logistics & Supply Chain	The third iteration of the product will focus on organizations in the logistics and supply chain sector. The platform already offers capabilities relevant in these markets, particularly in supplier matching processes and data-driven support. Potential use cases include i) dynamically matching suppliers to military, commercial, or humanitarian logistics needs based on availability, location, and cost, ii) identifying potential supply chain disruptions and recommending alternate sourcing strategies, and iii) streamlining procurement workflows and compliance monitoring.	Public and private sector customers with complex and extended supply chains
Healthcare	Further product markets could bring significant value to other security-sensitive industries - such as healthcare. The product can help i) connect hospitals and clinics with essential resources (ventilators, PPE, pharmaceuticals) during disasters or pandemics, and ii) ensure that highly sensitive patient data is delivered to the right healthcare provider at the right time, supporting timely and informed care decisions.	Federal government (CMS) and the healthcare industry







Headcount



Over the past several months, Atlas-DS has recruited talent to join the venture. Below, you will find the the Company's staffing plan, along with projected start dates and roles.

HEADCOUNT			2025	2025	2025	2025	2025	2025	2025		2025	2025	2025	2025	2025
			Q1-2025	Q1-2025	Q1-2025	Q2-2025	Q2-2025	Q2-2025	Q3-2025			Q4-2025	Q4-2025	Q4-2025	FY
Title	Name	Start Date	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25	Dec-25	Total
Atlas Headcount															
CEO	Eric Ruttenberg	03/01													10 Months
Business/Ops	Austin Powell	03/01													10 Months
Lead Architect	Greg Bosch	03/01													10 Months
Database Engineer	Robert Price	05/19													8 Months
Solution Architect	Serge Zahiny	05/27													8 Months
Platform Engineer	Alain Atemnkeng	05/27													8 Months
UI/UX Developer	TBD	07/07													6 Months
Senior Software Develope	er Adam Gayloon	05/27													8 Months
Junior Software Develope	er Mitesh Malaviya	06/16													7 Months
Junior Software Develope	er John Mema	07/07													6 Months
Business Development	TBD	08/01													5 Months
Atlas Headcount			-	-	3	3	7	8	10	11	11	11	11	11	
Keyhole Headcount															
Platform Engineer	Oneil Lespierre	05/27													4 Months
Senior Developer	Ryan Cross	05/27													8 Months
Keyhole Headcount			-	-	-	-	2	2	2	2	1	1	1	1	
Total Headcount			-	-	3	3	9	10	12	13	12	12	12	12	

At its peak, Atlas-DS will have 13 team members dedicated to product development and launch. By Jan-26, the Keyhole resources will roll off, reducing the team to 11 individuals. Many Atlas-DS employees hold security clearances and could support implementation efforts ahead of any add-on ProServ.



2025 Budget



In 2024, Atlas had \$60k of burn related to Vice Admiral Kevin Donegan's assessment of the product's capabilities. To launch a pilot-ready product in Dec-25, the Company is projecting \$2.29MM of additional burn throughout the year; 63% of which is driven by technical resources to develop and build the product.

Commentary

- Headcount-related expenses include fringe expenses, which are initially budgeted at 45% for FTSG's package. Fringe reduces to 37.5% in Aug-25 as Atlas transitions to Trinet.
- Development expenses include the infrastructure necessary to deliver a product.
- Recruiting fees are payable for Procession's assistance in finding two teammates.
- Branding expenses are related to Jumpseat's guidance in developing a logo, product name, and website.

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Q1-2025	Q1-2025	Q1-2025	Q2-2025	Q2-2025	Q2-2025	Q3-2025	Q3-2025	Q3-2025	Q4-2025	Q4-2025	Q4-2025
Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25	Dec-25
-	7,500	31,890	31,890	41,890	41,917	41,917	51,302	51,302	51,302	51,302	51,302
-	8,085	10,474	7,404	57,396	126,271	151,646	160,167	160,167	160,167	160,167	160,167
-	-	-		-	-	-	22,917	22,917	22,917	22,917	22,917
-	-	-	-	13,002	47,280	54,372	49,644	23,604	25,852	21,356	11,240
\$0	\$15,585	\$42,364	\$39,294	\$112,288	\$215,468	\$247,935	\$284,029	\$257,989	\$260,237	\$255,741	\$245,625
-	5,882			6,000	1,500	1,500	1,000	1,000	1,000	1,000	1,000
-	-	-	-	-	1,500	1,500	3,000	3,000	3,000	3,000	3,000
-	-	-	-	-	1,500	1,500	5,000	5,000	5,000	5,000	5,000
\$0	\$5,882	\$0	\$0	\$6,000	\$4,500	\$4,500	\$9,000	\$9,000	\$9,000	\$9,000	\$9,000
-		-		8,000	6,000	2,000	2,000			-	
-	-	5,003	1,526	2,500	5,000	7,500	7,500	7,500	10,000	10,000	10,000
-	-	2,472	3,567	1,000	2,000	2,000	2,000	2,000	2,500	2,500	2,500
-	-	-	-	5,000	5,000	-	-	-	-	-	-
-	-	-	-	-	14,400	12,600	-	-	-	-	-
-	-	-	-	-	11,429	11,429	11,429	11,429	11,429	11,429	11,429
-	-	-	-	-	-	10,000		10,000	-	-	-
-	-	-	-	-	500	500	500	500	500	500	500
\$0	\$0	\$7,475	\$5,093	\$16,500	\$44,329	\$46,029	\$23,429	\$31,429	\$24,429	\$24,429	\$24,429
\$0	\$21,467	\$49,839	\$44,387	\$134,788	\$264,296	\$298,463	\$316,458	\$298,418	\$293,666	\$289,170	\$279,054
-\$60,000	-\$81,467	-\$131,306	-\$175,693	-\$310,481	-\$574,777	-\$873,240	-\$1,189,698	-\$1,488,116	-\$1,781,782	-\$2,070,952	-\$2,350,006

2025
2025 FY
Total
453,514
1,162,108
114,583
246,350
\$1,976,556
19,882
18,000
28,000
\$65,882
18,000
66,530
22,538
10,000
27,000
80,000
20,000 3,500
\$247,568
\$2 ₹7,300
\$2,290,006
-\$2,350,006

Freedom and Adelphi Capital are launching Atlas Data Science to develop a data management and governance product. Atlas-DS has gathered momentum and is aiming to create a pilot-ready product by Dec-25, with the goal launching Version 1.0 of the product in Mar-26.



Revenue Strategy



Atlas-DS productization will involve licensing it as an enterprise managed service. Its license options are aligned with those of competing solutions, with future versions potentially offering additional purchasing flexibility to meet customer buying patterns.

The productization of Atlas-DS will require client-side deployment, integration, and sustainment professional services support which will be provided by Freedom. The team anticipates the Professional Services tail to be larger, and longer, than the software licensing fees.

Software Pricing Model

User Pricing Model

\$2.5K - \$5.0K per user per year

- Subscription Model: Monthly subscription price per user. New versions may come with updated pricing.
- Primary Benefit: Revenue scales as the product demonstrates value and usage scales.
- Primary Risk: Lower upfront revenue as the product becomes engrained within an organization.
- License Management: Regular audits for usage and provisioning.
- Standard Maintenance: Includes security patches, bug fixes, minor upgrades, and remote helpdesk support at no extra cost.

Monthly Subscription

\$1.25 MM - \$2.5 MM per year

- Subscription Model: Monthly subscription price remains fixed for the lifetime of the purchased Atlas version. New versions may come with updated pricing.
- Primary Benefit: Lower upfront cost encourages adoption by reducing financial barriers.
- Primary Risk: Higher cancellation risk unless mitigated by an "annual commitment billed monthly" clause in the terms of service.
- License Management: Regular audits recommended to identify and adjust for usage overruns.
- Standard Maintenance: Includes security patches, bug fixes, minor upgrades, and remote helpdesk support at no extra cost.

Professional Services Pricing Model

Software Specialists

\$200 - \$400K per FTE per year

This service option will provide onsite or remote professional services (either uncleared or cleared) technical support under three primary job functions:

- 1. Trainer: Delivers training on Atlas usage and administration to customer resources.
- System Administrator: Manages Atlas within the customer environment, reducing reliance on internal IT resources.
- System Engineer / Developer: Provides customization, integration, and engineering to tailor Atlas to specific customer needs and outcomes.

Travel and other direct costs (ODC's) will be billed at cost plus fee (8%).



Deal Structure



Atlas Data Science will initially operate as an affiliate of FTSG with its own P&L; however, the intent is for Atlas to spin out of FTSG into a standalone entity. Investor funding into the entity will be in the form of a convertible note, providing the potential to invest up to \$5.0MM - at a Pre-Money Valuation of \$4.0MM.

Initial Funding from Investors will be \$3.0MM. There is an opportunity, but not the obligation, for the Investors to participate in the Incremental Funding which will be \$2.0MM at the same Pre-Money Valuation price of \$4.0MM. This could potentially bring total Investor Funding to \$5.0MM, giving the Investor majority control.

Value Creation Path

This structure provides flexibility for growth while setting a clear path for independence of the new business. The two potential paths for value creation are:

- Spin-Out as a Separate Entity: If substantial commercial and private-sector opportunities are realized, the Atlas Data Science will be fully spun out into its own entity and Investor Funding will convert on a pro rata basis. This path unlocks the potential for external funding rounds, allowing investors to participate in the broader value creation through a future sale of the Freedom Al entity.
- Integration Within FTSG: If Atlas Data Science demonstrates strong growth within the government space and its synergies significantly enhance FTSG's strategic position - and associated valuation - the business can potentially remain within Freedom. The invested capital would then convert into Freedom equity at 9.0x 2024 EBITDA, providing clear value creation through multiple enhancement.

Cap Table

As outlined in the Term Sheet, the agreed upon Pre-Money Valuation is \$4.0MM. After Initial Funding, the Investors will own 42.9% of Atlas Data Science. After the Increment Funding, Investors will take majority control at 55.6% ownership percentage.

Pre Money Valuation	\$4,000,000

Capitalization Summary	Investment	Ownership
Capitilization After Initial F	unding	
FTSG	\$4,000,000	57.1%
Investors	\$3,000,000	42.9%
Total	\$7,000,000	100.0%
Capitilization After Increme	ental Funding	
FTSG	\$4,000,000	44.4%
Investors	\$5,000,000	55.6%
investors		

\$3.0MM Knowledge and Resources Atlas Data Science Atlas will initially operate as a subsidiary/affiliate of FTSG, leveraging FTSG's technical knowledge base and HR resources to launch.



Deal Merits

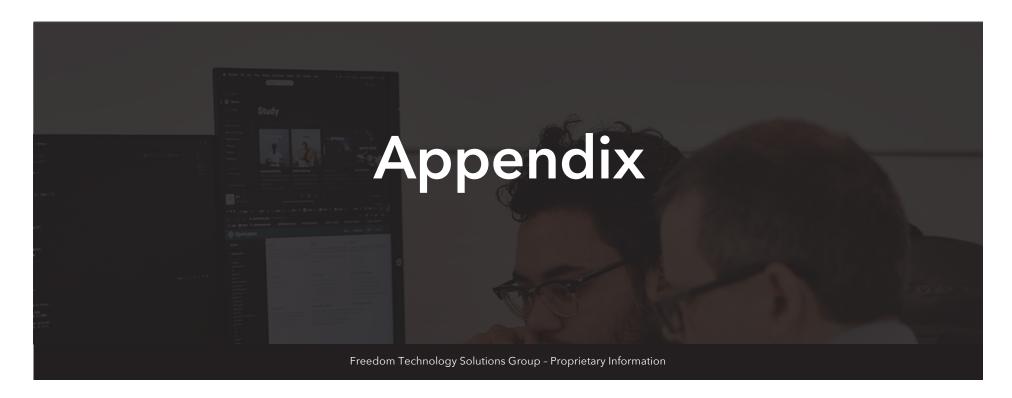


Investors have committed up to \$5MM of capital in developing and launching Atlas Data Science. Key deal merits including an attractive pre-money valuation, robust downside protection, a proven government-funded predecessor product, and a secure, scalable platform designed serve mission-critical data needs.

- ✓ Attractive Entry Price: \$4MM pre-money, which is a below market seed deal, particularly for software.
- ✓ Considerable Amount Spent in Development: the government has already spent \$40MM+ in development of a predecessor solution.
- ✓ Potential to Reduce Development Expense: flexibility in reducing development expenses by swapping cash bonuses in favor of options.
- ✓ Deep Expertise with Potential Customers: pipeline development underway with Freedom, who are deeply familiar with the market. Atlas-DS is targeting the NGA for pilot deployment, a relationship that is already well underway.
- ✓ Convertible Note Coupon: 8% interest per annum, almost double the the risk-free rate of return.
- ✓ Management Option Pool Worthless in the Event of No Spin: options are worthless if Atlas is subsumed into FTSG, so investors aren't relinquishing any equity value.
- ✓ **Strong Downside Protection:** structure shields investors by converting into FTSG equity at 9x 2024 EBITDA. This investment will not go to \$0 investors can't lose as opposed to typical venture investments.







Technology Stack



Atlas-DS features a modern, scalable tech stack with React, Node.js, and Python, uses PostgreSQL and Amazon S3 for storage, runs on Docker in AWS, and supports automated deployments with Terraform. It offers strong data governance and search, plus real-time monitoring with AWS CloudWatch and Sentry.

Back-End Development & API

- NodeJS / NextJS: used for back-end development and API endpoints.
- Python: used for general-purpose programming, data processing, automation.
- Java: used for latency-sensitive components.

Containerization & Orchestration

- · Docker: containerization using Dockerfiles.
- · Kubernetes: orchestration and autoscaling.

<u>Database</u>

- PostgreSQL: relational database for complex gueries and data integrity.
- Oracle RDS: managed relational database service.
- · MySQL: database.
- Elastic: Open search.

AWS Services

- \$3: object storage for data.
- · Lambda: serverless compute for event-drive functions.
- EC2: virtual server instances for running applications.
- ECR: doctor container registry for storing container images.
- CloudFormation: infrastructure as a code for managing AWS resources.
- · Glue: ETL service.

Big Data & Analytics

- Apache Parquet: columnar storage format optimized for analytics and big data.
- CSV for file formats.

Infrastructure

• Terraform: open-source infrastructure as code for provisioning infrastructure.

Version Control

• GitLab / GitHub: version control and code development and DevOps.

Operating Systems

· Linux: patching, troubleshooting, and security.

Authentication & Authorizations

• Okta, Auth0, KeyCloak: potential identify providers that the platform integrates with.



Data Infrastructure Market Map



The data infrastructure market is rapidly transforming with the rise of AI/ML, real-time analytics, and unified architectures like data lakehouses and data fabrics. Atlas-DS is well-positioned within this evolution, offering a flexible, modular platform for data ingestion, governance, and lifecycle management.





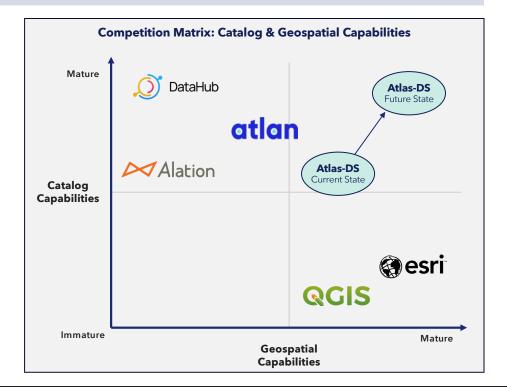
Atlas-DS Initial Competition Matrix



The universe of data management and governance solutions is vast, ranging from the largest traditional datalake / lakehouse provider that embed data management and governance in their platforms, to more nimble commercial players, to large government services firms that develop bespoke solutions.

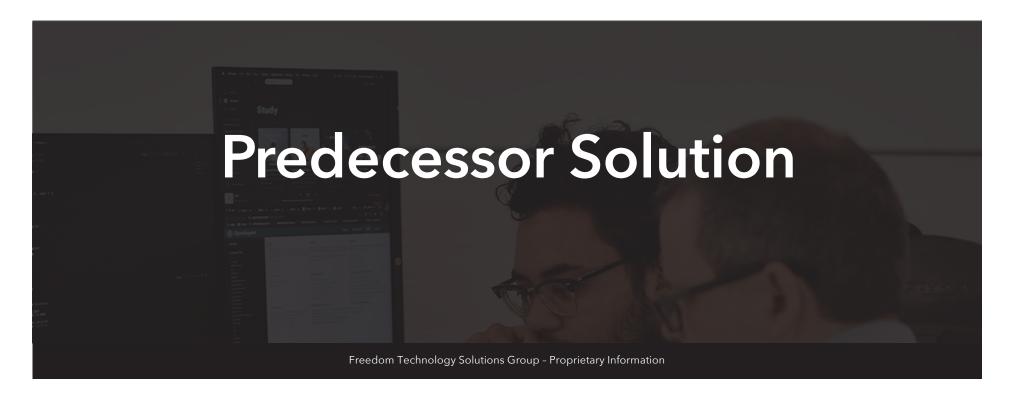
Competition Matrix

To the right, Atlas-DS has outlined competition across two dimensions - catalog capabilities and geospatial capabilities.









Legacy Solution: Data Sources



The legacy solution ingests structured and unstructured data from 100+ distinct sources, the majority of which are intelligence and geospatial related. The solution also receives data from numerous commercial brokers, contracted analysis providers, and academic institutions.

Intelligence Community These include - but are not limited to - National Technical Means, Department of Defense Sources and Methods, Intelligence Community Partners, Foreign Partners, and Sensitive (CAP/SAP) Sources.

Commercial Satellite Companies



Contracted Analysis Producers / Providers

Academic Institutions















































Booz | Allen | Hamilton







SPACEX















Legacy Product Timeline



The legacy solution debuted in 2019 and was followed by three bespoke iterations. Now, Atlas-DS is developing a next-generation platform with an entirely new set of capabilities and architecture, targeting the release of Version 1.0 by Mar-26.

