

# Palantir Foundry

Managing business complexity and  
accelerating value chain  
transformation



# Palantir Foundry

Palantir Foundry is a platform for managing business complexity. It provides flexibility for both technical and non-technical users to integrate, manage and interact with their data—and create lasting business value from those inputs.

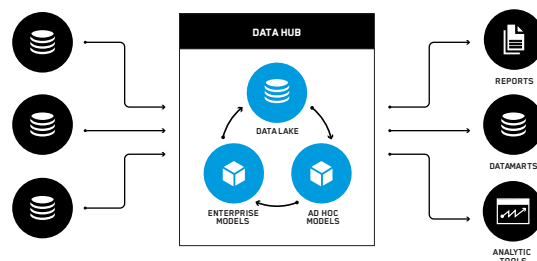
## 1 – Overview

We work closely with our partners to help them realize the value in their data. The most pressing questions that organizations need to answer rely on many sources of data, but systems are rarely designed for making connections with other systems.

When questions arise that must be answered with data from multiple source systems, a connection must be built between each source system and each analytic system. If you're trying to access only one database via one application, this system is sufficient—but it doesn't scale. When you try to add multiple analytical tools and data sources, you create a behemoth of interconnecting systems. Things become even more complex if you want to transform or pipeline your data.

When we looked at the systems that prevent our customers from using their data effectively, we realized that we needed a way to manage data like we manage knowledge: by creating a single source of truth for people throughout an organization to contribute to and consume. Drawing on our experience working with systems that range from legacy COBOL mainframes to cutting-edge data lakes, we designed a data layer that makes it simple to use data to drive business outcomes.

Palantir Foundry integrates and stores data, offers basic and advanced data transformation tools, and connects directly to Palantir-built and third-party analytical tools. Palantir Foundry encodes our experience into a comprehensive commercial software platform that simplifies, accelerates, and improves management of information throughout the data lifecycle.



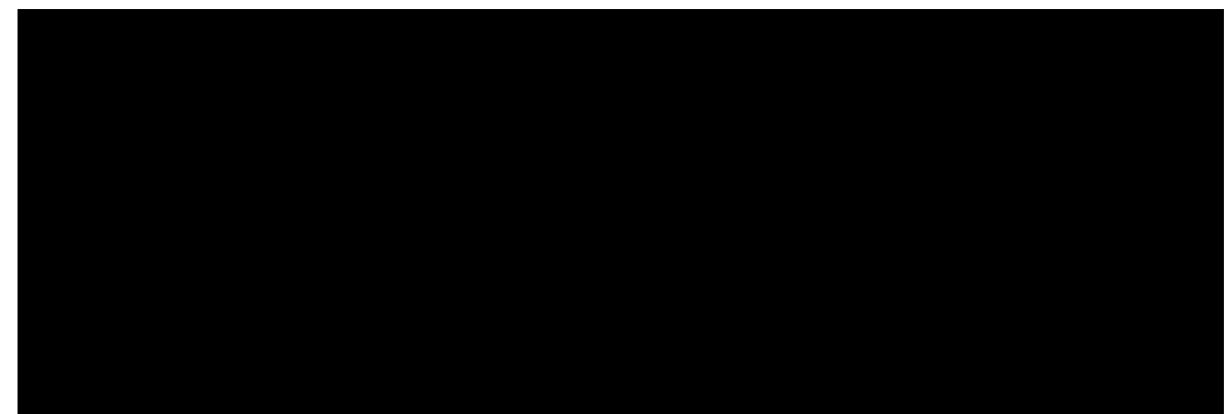
## 2 – Technology Overview

We designed Palantir Foundry to support the core principles of data governance:

•	<b>Create a single, flexible repository for all data</b>	Data is stored in the rawest form possible to keep up with evolving requirements for data management and analysis.
•	<b>Audit and version data throughout the pipeline</b>	Palantir Foundry retains the complete history of all data that enters the system. Versioning and provenance ensure that you can always understand and reproduce how a version of a dataset was generated.
•	<b>Scale to accommodate constantly growing data environments</b>	Palantir Foundry scales on commodity hardware or commercial cloud services to accommodate increases in data size, user numbers, and data catalog size.
•	<b>Interoperate within a landscape of systems and tools</b>	With open interfaces and open data formats, Palantir Foundry is designed to interoperate with Palantir-built and third-party technologies. Palantir Foundry can receive, extract, route, and push data to and from any source in a modern data ecosystem.
•	<b>Collaborate without sacrificing security or data integrity</b>	Palantir Foundry provides tools that are suitable for a range of user profiles: data scientists, developers, analysts, and operational users. Built-in capabilities for versioning and data protection contribute to a high-integrity enterprise knowledge base.

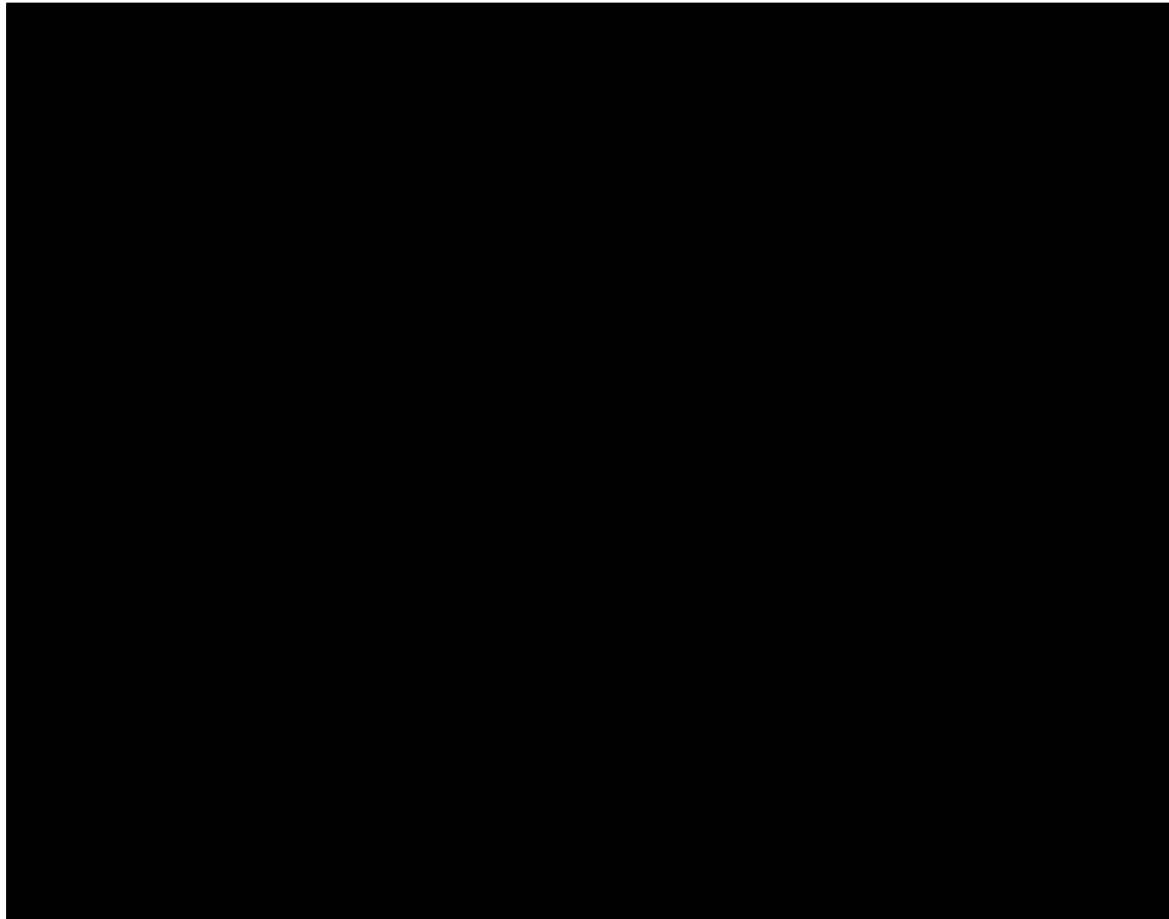
In this document, we describe how these capabilities interact to provide a complete information layer for today's data-driven enterprises.

## 3 – Flexible Data Management



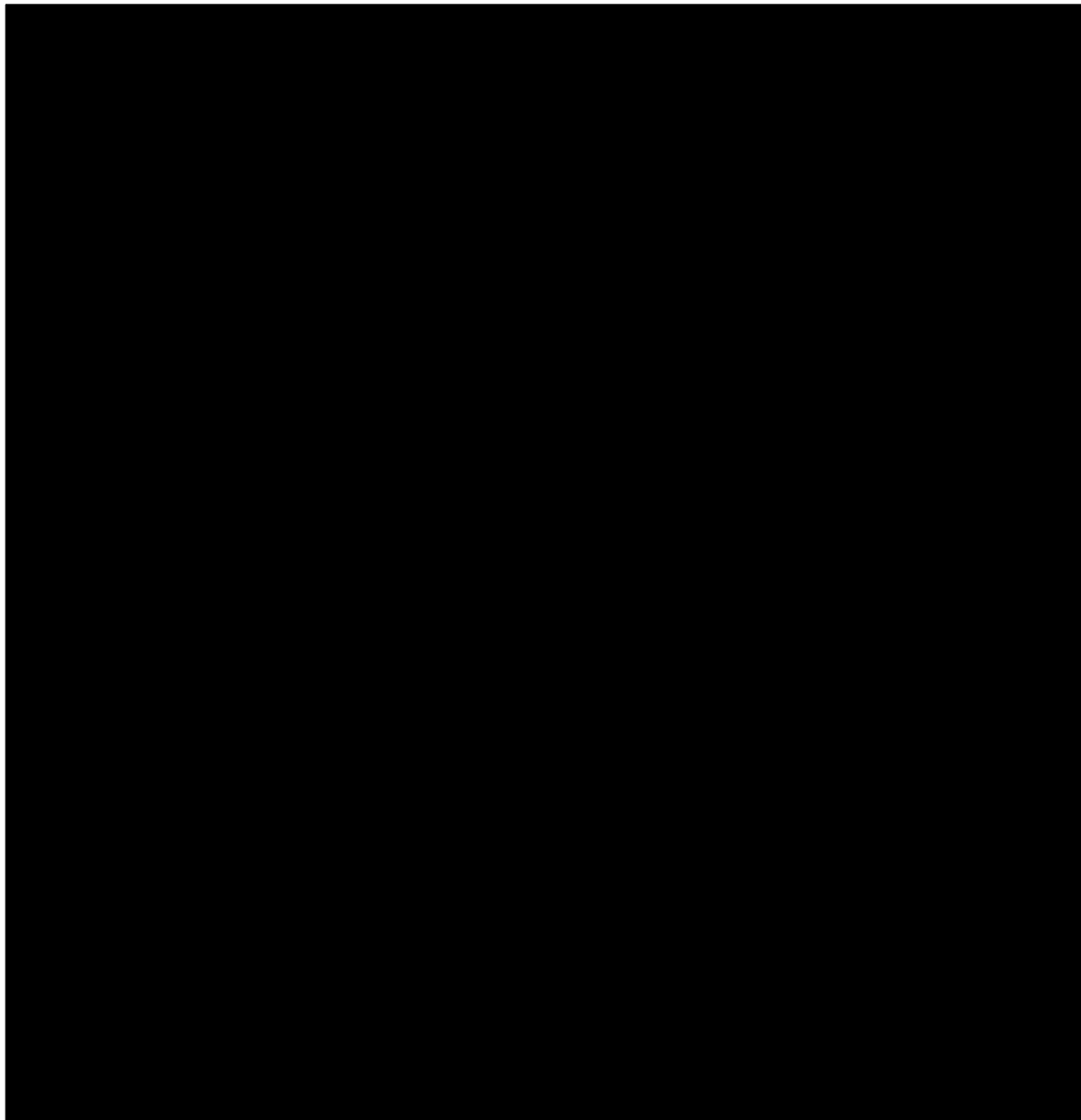


## Work with large-scale data efficiently



## 4 – Enterprise Auditing

We designed Palantir Foundry to promote analytical integrity and data accuracy. Foundry's approach to versioning and provenance ensures that you can always understand and reproduce how a particular version of a dataset was generated.

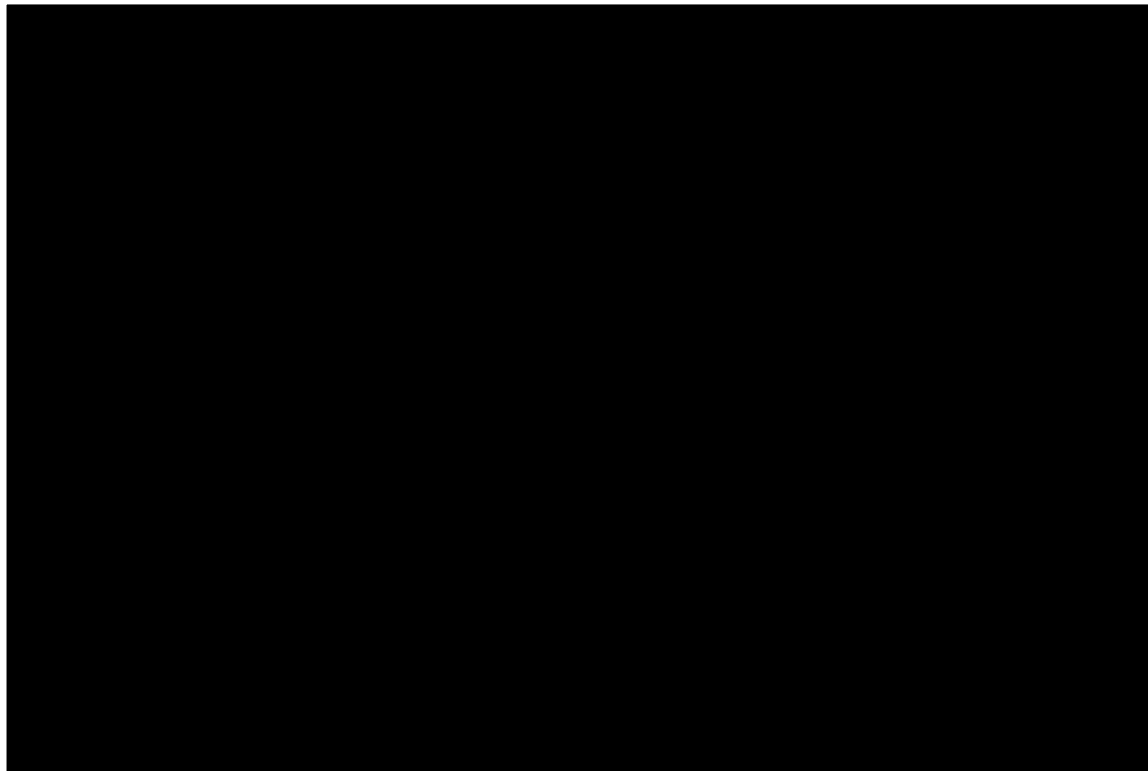


## 5 – Scalability and Interoperability

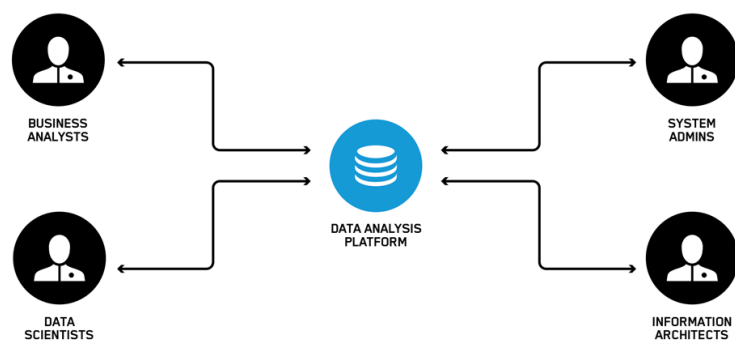
We built Palantir Foundry to grow with your enterprise by targeting the issues that make systems difficult to resize. When capacity must be defined up front, systems either quickly become too small or incur costs for unused capacity.



### Manage data flexibly with an open system



## 6 – Security and Collaboration



*Palantir Foundry's role-based security model enables seamless cross-functional collaboration among different user groups*