

A decorative graphic on the left side of the slide, consisting of a network of white lines and small circles on a blue gradient background, resembling a circuit board or data flow diagram.

# INTRODUCTION TO PALANTIR FOUNDRY



# WHAT IS FOUNDRY?

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The Foundry Platform is a central, secure, and extensible platform where engineers, data scientists, analysts, and executives engage daily to capture and transform data, generate insights, and collaborate to make critical data-driven decisions.

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Foundry gives you the infrastructure to unite your disparate data sources into one central repository, **making data of all types and all origins accessible** across your organization.

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**Branched data pipeline authoring** lets users build multiple views of the same data, and data provenance and versioning ensure **transparency into how new data is derived**.

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Foundry provides a set of **tools, integrated with the data ecosystem**, for analysis and building applications and reports. As an open platform, Foundry also lets you **export data and connect to third-party applications** already in use at your organization.

# WHAT CAN YOU DO IN FOUNDRY?

Discover data across your organization.

- Data is centralized and searchable in Foundry. Foundry becomes the starting place for all data-driven questions in your organization.

View and explore any data available to you.

- Data is accessible to every user, regardless of technical skill level. Foundry offers a unified and user-friendly interface for viewing any structured data in your organization.

Analyze and combine data at scale.

- Foundry enables you to work with massive datasets, slicing, transforming, and aggregating data just as easily as if you were working with a spreadsheet on your desktop

Contribute data back into your organization.

- A straight derivation from an enterprise data source you standardize the messy values in a column in a way that makes the distribution of values easier to understand.

Build on the data in your organization.

- Foundry dramatically accelerates the ability to build new tools and get them in front of the business analysts who need them.

# HOW PALANTIR FOUNDRY WORK?

## Understand

Explore, analyze, and operationalize data with powerful, natively interoperable apps

### Foundry Applications



## Unify

Make data useful by transforming, categorizing, and delivering it for easy search and discovery

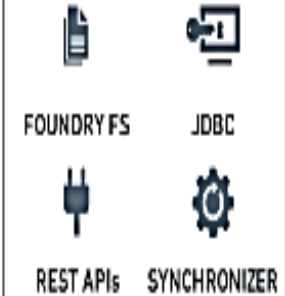
### Core Foundry Platform



### Data Transformation



### Data Access



## Collect

Unify data from across the organization and store it in a central location

### Raw Data



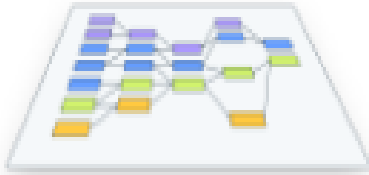


### Data Connector



### Data Lake



# KNOW ABOUT FOUNDRY TOOLS

WORKFLOW	FOUNDRY TOOL	TOOL OVERVIEW	CORE USER PROFILE
<b>BUILD PIPELINES</b> - Ingest, transform and connect data			
	DATA CONNECTION	Perform and schedule large uploads of data	Developers & Database Admins
	CODE REPOSITORIES	Collaborative data transformation	Developers & Data Scientists
	PREPARATION	Visual data cleaning and manipulation	All Users
	DATA LINEAGE	Explore the data pipeline	All Users
<b>ANALYZE DATA</b> - Discover insights from your data			
	CONTOUR	Top-down analysis for large datasets	All Users
	QUIVER	Plot, transform, and analyze time series data	Developers & Data Scientists
	CODE WORKBOOK	Analyze and transform data using code	Developers & Data Scientists
<b>OPERATIONALIZE DATA</b> - Showcase your insights and create operational workflows			
	FUSION	Interact with live data through spreadsheets	All Users
	REPORTS	Create documents and dashboards to share your analytical work	All Users
	OBJECT EXPLORER	Explore objects, properties and relations	All Users
	SLATE	Build interactive visualizations and dashboards	Developers (Web)



## REAL-WORLD EXAMPLES

### 1. Defense & Intelligence (Palantir Gotham)

**Use Case:** Threat Detection & Military Intelligence

**Example:**

- Used by the **U.S. Department of Defense** and allied forces to integrate satellite, drone, ground intel, and surveillance data.
- Analysts can track enemy movements, predict insurgent activity, and plan missions.
- **Outcome:** Faster decision-making on the battlefield with real-time data fusion.

### 2. Healthcare & Life Sciences (Palantir Foundry)

**Use Case:** Clinical Research & Drug Discovery

**Example:**

- Partnered with **NHS (UK)** and **Pfizer** to accelerate COVID-19 response.
- Used for vaccine distribution logistics and real-time patient impact analysis.
- **Outcome:** Streamlined data access across hospitals and faster clinical trials.



## REAL-WORLD EXAMPLES

### 3. Manufacturing (Foundry)

**Use Case:** Predictive Maintenance & Supply Chain Optimization

**Example:**

- Used by **Airbus** for aircraft manufacturing.
- Foundry integrates supply chain, part quality, and production data to spot inefficiencies.

**Outcome:** Reduction in delays and better inventory forecasting.

### 4. Financial Services (Foundry)

**Use Case:** Risk Management & Anti-Fraud

**Example:**

- Used by **Morgan Stanley** and other banks to monitor trading activity and detect fraud patterns.
- Combines internal transactions, customer behavior, and external market data.

**Outcome:** Better compliance and real-time fraud prevention.





## REAL-WORLD EXAMPLES

### 5. Logistics & Transport (Foundry)

**Use Case:** Operational Efficiency

**Example:**

- Used by **Ferrari** and **BP** for managing energy operations and logistics.
- Real-time monitoring of equipment, fuel flow, and transportation delays.
- **Outcome:** Reduced downtime and improved supply reliability.

### 6. Government (Foundry)

**Use Case:** Public Health & Infrastructure

**Example:**

- Palantir supported **CDC** and **HHS** for tracking vaccine distribution and COVID-19 case data across states.
- Helps allocate PPE, vaccines, and resources based on predictive modeling.
- **Outcome:** Data-informed public policy decisions.





## REAL-WORLD EXAMPLES

### 7. Space & Satellite (Apollo + Foundry)

**Use Case:** Mission Planning & Satellite Data Processing

**Example:**

- Used by **Satellogic** and **US Space Force** for real-time satellite data ingestion and decision-making.
- Apollo handles deployment of data pipelines even in remote and disconnected environments.
- **Outcome:** Enhanced situational awareness and mission readiness.

The background is a blue gradient with faint concentric circles. White circuit-like lines with circular nodes are positioned in the corners: top-left, top-right, bottom-left, and bottom-right.

THANK YOU