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# COVID-19 Rapid Response
# for Public Sector Organizations

**March 2020**

# Accelerating COVID-19 Emergency Response Operations for Public Sector Organizations

**Palantir Technologies, in partnership with Amazon Web Services, is providing pro bono a unified, near real-time COVID-19 response platform for critical public sector organizations.**

Palantir has rapidly deployed the Foundry Platform and Palantir engineers to accelerate decision and response capabilities for public sector organizations. Within days of data access, Palantir Foundry securely integrates a wide variety of disparate data sources to rapidly support COVID-19 responses.



Case Reports input directly into the Platform

Direct data integration from key databases

Structured and unstructured data from states & cities

## Secure Data Integration Across Sources

As part of the COVID-19 response, Foundry enables organizations to securely integrate near real-time, recurring data of any type, including the following:

- Supply chain data for critical supplies
- Hospital capacity data
- Disease tracking databases
- Patient-level EHR information
- Diagnostic testing data

Foundry's data integration enables unified visibility into response operations, people, resources, and networks.



Aggregate Analysis

Region & City Analysis

Patient Case View
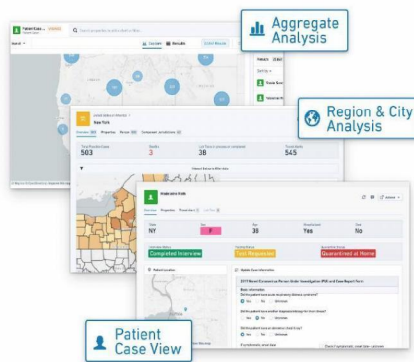
## A Unified Source of Truth for Decision Making via a Virtual Crisis Control Center

Once an actionable data asset and dynamic visibility into critical response components have been established, an Alert and KPI dashboard application is rapidly deployed within the platform.

Leveraging Foundry, users securely exchange insights and decisions with public and private stakeholders via a suite of collaborative and permission-aware tools.

In parallel, workflows are developed and users are trained to systematize support for crucial response decisions, operations, and analysis.

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# COVID-19: Active Case Studies

## U.S. Centers for Disease Control & Prevention

Since 2008, Palantir has delivered the CDC's enterprise-wide data platform to monitor, investigate, and contain numerous outbreaks.

Foundry has enabled the CDC to reduce the time between first detection and source identification from months to days for food-borne outbreaks.

Today, the CDC leverages Palantir Foundry as a critical component of its emergency response to fighting disease outbreaks.
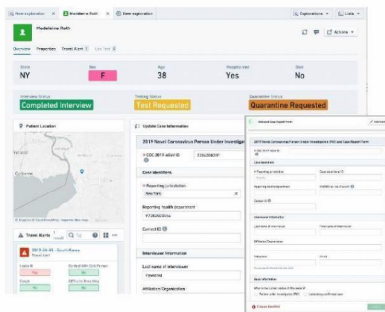


> "Palantir has provided a platform that can rapidly join together epidemiologic and laboratory data in real time and enhance collaboration between federal, state, and local partners. Palantir allows us to complete tasks in minutes that used to take hours or days."

Ian Williams | Branch Chief
CDC Outbreak Response & Prevention Branch

## Fighting COVID-19 with Major European Government Partners

Palantir Foundry actively provides a major European executive branch partner visibility into the effects of the COVID-19 outbreak, including the impact on schools, businesses, and transportation networks.

Foundry provides dynamic situational awareness on virus spread to ensure that decision makers may understand the latest developments, evaluate regional impacts, and investigate "what-if" questions with the best data available.

Data is integrated to drive capacity planning across hospitals, including the availability and distribution of beds, staff, and equipment.

Decision makers leverage the unified data foundation to simulate the impacts of various outbreak response scenarios and allocate patients or resources accordingly.

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# COVID-19: Active Case Studies

## Supply Chain Disruption Management

Palantir Foundry provided immediate support to demand and capacity planners of a large U.S. manufacturer, identifying where capacity in the global network existed and where resources could be rapidly reallocated.
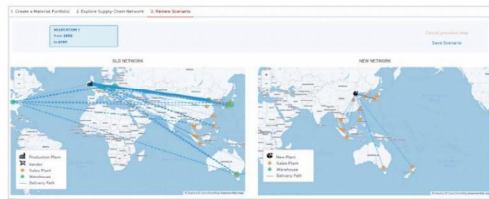


Working across time zones, geographies and organizational silos, centralized crisis teams identified the most at-risk customer orders, the impact of shifting distribution, and the facilities that could be rapidly tasked to produce the most needed goods.

Today, the manufacturer has built on top of Foundry to proactively redefine its demand and supply patterns, as well as more tightly integrating its supply and commercial operations.





## Global Workforce Risk Management at Private and Public Sector Organizations

Palantir enables organizations, including the US Army and an oil and gas supermajor, to ensure the safety of their people and minimize risk by providing detailed awareness of threats, the ability to push communications to affected personnel, and organizational continuity planning.

Information related to an employee is securely accessible in one place to provide a live view of any details pertinent to their location, well-being, and readiness.
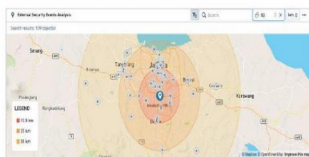
Foundry is also used to power a multinational's 24/7 situation room where security personnel monitor data and track actions across departments and source systems.

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## Getting Started – Timeline & Oversight

Palantir can immediately provide a platform that **accelerates responses to COVID-19 within days of data access.**

| Data Integration | Operationalization | Impact Expansion |
|---|---|---|

**PHASE 1**
**INTEGRATE DATA**

- Data source access and rapid integration

- Ingestion, integration, and transformation of relevant data sources into a unified ontology

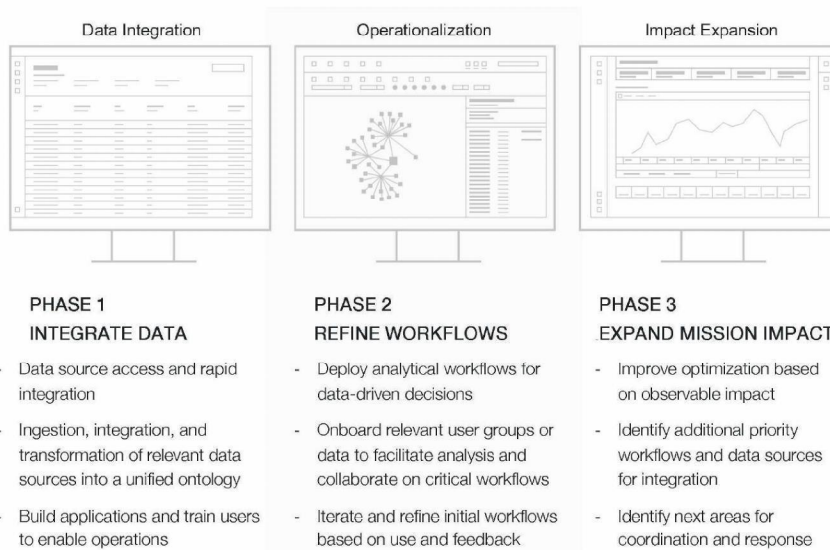- Build applications and train users to enable operations

**PHASE 2**
**REFINE WORKFLOWS**

- Deploy analytical workflows for data-driven decisions

- Onboard relevant user groups or data to facilitate analysis and collaborate on critical workflows

- Iterate and refine initial workflows based on use and feedback

**PHASE 3**
**EXPAND MISSION IMPACT**

- Improve optimization based on observable impact

- Identify additional priority workflows and data sources for integration

- Identify next areas for coordination and response

## Team & Oversight

Senior sponsorship and urgency is essential to ensure timely data access, and to operationalize the platform within the window of impact.

**Executive Sponsor.** Ensure goals are met and drive access to data and response teams. Palantir will hold regular check-ins with the Executive Sponsor and key stakeholders in service of ensuring a rapid and comprehensive response.

**Subject Matter Experts.** Decision makers and analysts with relevant investigatory workflows, operations, or responsibilities inform and make use of workflows within Foundry.

**Operational Support.** Key stakeholders provide support for data access, facilitate discussions with data and subject matter experts, and push internal progress to expedite responses.

**Technical Staff.** Technical counterparts including database administrators, network operations engineers, and access management analysts support rapid technical onboarding from the onset.

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## Getting Started – Engagement and Technical Requirements ○

### Engagement

Successful deployments of Foundry rely on relationships with executive sponsors and rapid iteration cycles alongside users in the field.

Scoping & First Steps

#### Scoping & Alignment

✓ The Executive Sponsor helps define priority areas that can benefit from Palantir Foundry's core data operationalization capabilities.

✓ The Executive Sponsor assigns data and Operations Leads and resources to assist in the Foundry Technical Onboarding.

#### Getting Started

✓ Operational Leads support Palantir in identifying and ingesting critical data into Foundry, alongside Subject Matter Experts and Technical Staff.

✓ The Palantir team works with Technical Staff to rapidly facilitate the organization's onboarding to Foundry.

### Technical Onboarding

SaaS Platform Technical Onboarding

Please review the following supplementary technical materials:

- **Foundry Launch Guide**

- **Foundry Technical Launch Checklist**

Palantir Forward Deployed Engineers

Palantir deploys a designated team of Forward Deployed Engineers to configure Foundry, integrate data, work with subject matter experts, model data, develop relevant workflows, and train users to accelerate COVID-19 responses.

Our teams deliver the strongest possible results through close proximity to, and frequent feedback from, users and organizational stakeholders.

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## Who are we? The facts.

| | |
|---|---|
| Headquarters | **Palo Alto, CA** |
| Year began government work | **2004** |
| Number of employees – mostly engineers | **~2,500** |
| Global footprint | **~25 offices** |

OSLO, NO
OTTAWA, CA
AMSTERDAM, NL
LONDON, UK
WASHINGTON DC
TOULOUSE, FR
TEL AVIV, ISR
ABU DHABI, AE
STOCKHOLM, SE
COPENHAGEN, DK
BERLIN, DE
MUNICH, DC
PARIS, FR
SEATTLE, US
NEW YORK, US
PALO ALTO, US
LOS ANGELES, US
SAO PAULO, BR
TOKYO, JP
SINGAPORE, SG
SYDNEY, AU
MUMBAI, IN
CANBERRA, AU
MELBOURNE, AU
WELLINGTON, NZ
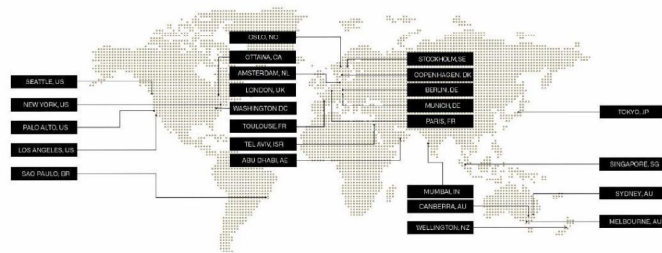
## What do we do? Our Mission.

For more than a decade, Palantir Technologies has developed products that support and transform how organizations use their data.

Since its founding, Palantir has evolved with our customers to develop secure, practical, and valuable data platforms to achieve real outcomes for organizations that matter.

Today, our products, such as the Palantir Foundry, power the most critical government, commercial, and non-profit institutions, including highly regulated industries with extremely sensitive data and compliance needs.

Palantir enables organizations to quickly, responsibly operationalize data and people in service of their most important opportunities.