# ⊡ Double Click

# Industrials

# April 14 2021 11 am ET

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Learn how Industrials leaders can address their most difficult and pressing  Quality and Supply Chain challenges using Archetypes on top of Palantir Foundry.

Speakers will include Palantir COO Shyam Sankar, and Industrials lead engineers Sam Woodward and Liam Mawe.
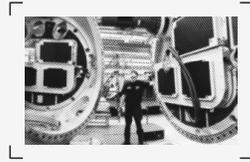
Sign up here to watch demonstrations of the topics below.

# Palantir
# + Industrials

Customers across industrials — from construction to manufacturing to logistics — differentiate themselves using Palantir Foundry.

Industrials face common challenges in data landscapes and business operations.



In manufacturing, expansive supply networks can make it difficult to trace quality issues, and understand supplier risk.



In global logistics, there have been macro trends that face every organization, like pandemic disruptions, trade regionalization, or climate regulations.



In energy, sensor data from hundreds of millions of assets can be unwieldy to manage in operations.

Additionally, any industrials company needs to address these challenges while thoughtfully managing data protection and security.

Foundry Industrials Archetypes are built on years of experience addressing these general challenges, so that organizations can solve them in their context within weeks.
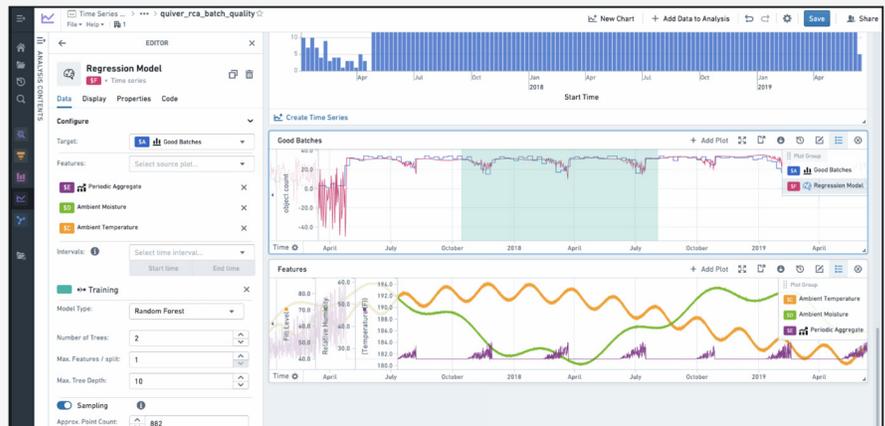
# Quality

Quality improvement is critical to any industrials strategy. It can refer to assembly line non-conformities, telecom infrastructure outages, or chemical product yield, but the strategic objective is the same. Improved quality means cheaper, safer products — and more satisfied customers.

Foundry's Quality Archetype can improve overall quality metrics for industrials.
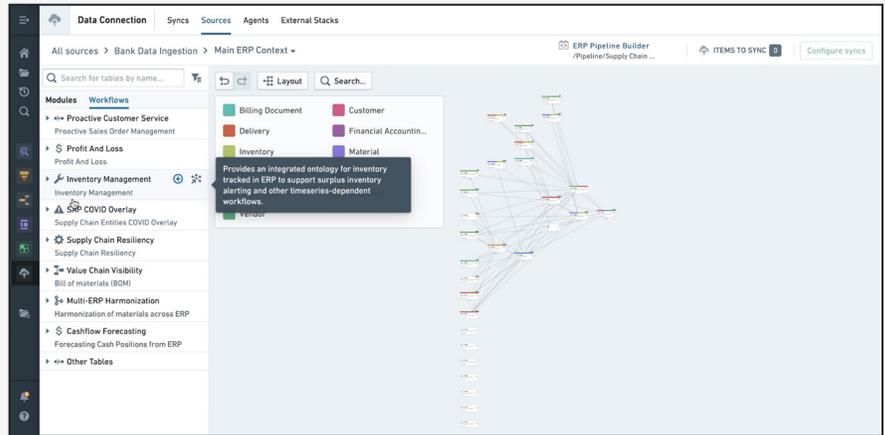


By ingesting high scale data — whether batch or streaming, in ERP systems or from IoT sensors — users can quickly drill down to specific areas of operations and trace the root cause of quality deviations.

Models can be built and refined to power predictive maintenance, and optimize part orders to be made at the safest and most cost-efficient periods.



The Quality Archetype helps maintain quality metrics flexibly, even through any updated process parameters, swapped raw materials, or increased throughput.

# Supply Chain

Keeping a supply chain healthy is a balancing act. Solving an issue in one part of the supply chain can cause tension elsewhere. Optimizing against these trade-offs is hard because of fragmented functions and data.

Foundry's Supply Chain Archetype connects these different silos together to constantly maximize the health of the supply chain against these trade-offs. It optimizes responses to incoming disruptions while also proactively preparing for future shocks.
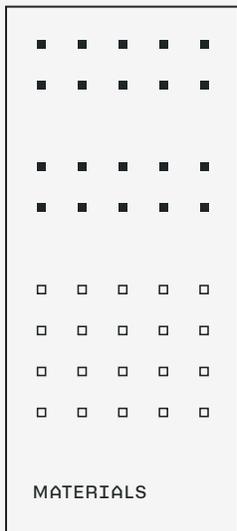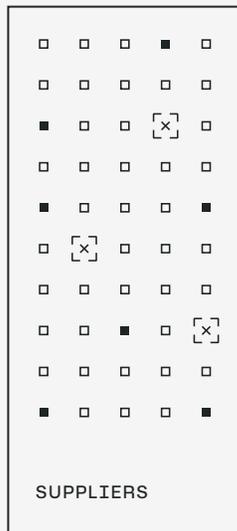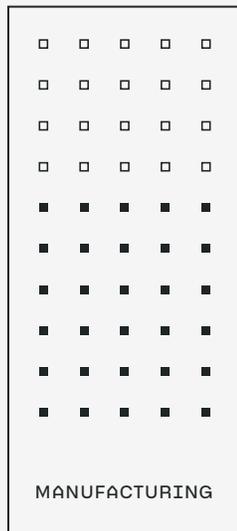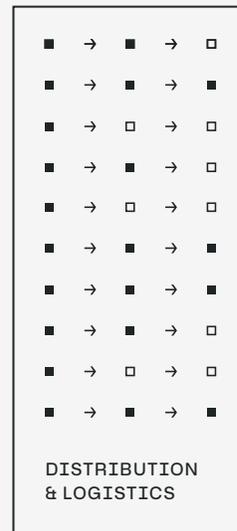
| Material Shortages | Manufacturing Defects | Inefficient Resource Allocation | Delayed Shipments | Demand Shocks |
|---|---|---|---|---|



MATERIALS | SUPPLIERS | MANUFACTURING | DISTRIBUTION & LOGISTICS | SALES & MARKETING
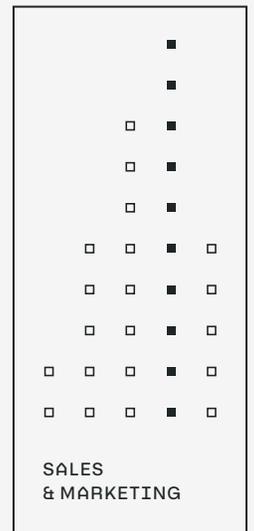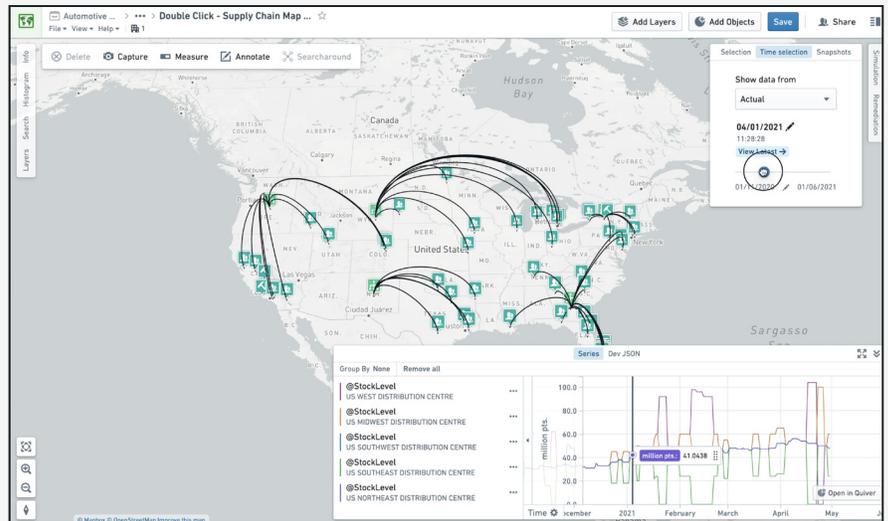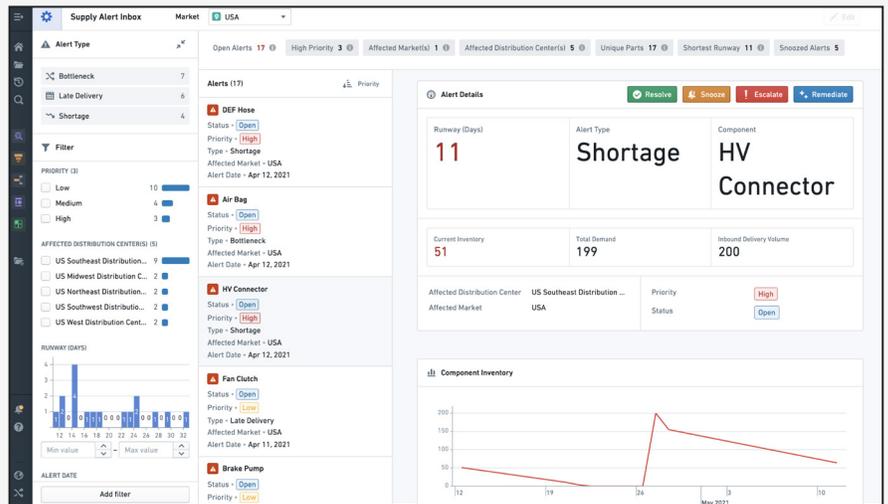
# Supply Chain cont.



Foundry takes massive underlying complexities and interdependencies in a supply chain and mirrors them in a digital twin.

With the digital twin, organizations can examine supply chain health over time, forecast any disruptions, and monitor any relevant properties.



Foundry can also deliver alerts on any upcoming issues to be resolved. This enables users to quickly evaluate tradeoffs across the parameters that matter to them — from CO2 implications to deliveries on time, in full — and take action.