

# From Fragmented Systems to Real-Time Decision Intelligence

OPERATIONS & EFFICIENCY

STRATEGIC PROOF

Converting operational data into decision advantage — a proven transformation framework for multi-site industrial organizations struggling with disconnected systems, delayed reporting, and reactive decision-making.

**40%**

**Faster Decision Cycles**

Accelerated from insight to action across all operational levels

**+25%**

**Planning Accuracy**

Improved forecast reliability through integrated data models

**100%**

**Cross-Functional Visibility**

Full integration across production, supply chain, and finance

# The Challenge: A Fragmented Operational Reality

The engagement began with a multi-site industrial operation facing a critical structural problem: its systems were not talking to each other. Production, supply chain, and finance each operated within their own data silos, generating information that never coalesced into a coherent operational picture. The result was an organization perpetually behind the curve — reacting to problems rather than anticipating them.

Reporting was delayed and inconsistent, meaning that by the time decision-makers received data, it was already outdated. Executive leadership lacked the visibility needed to make confident, timely calls on resource allocation, production planning, and risk management. Operational variability went unchecked because there was no unified baseline against which to measure performance.

## Fragmented Data Architecture

Disconnected OT and IT systems across production, supply chain, and finance created irreconcilable data gaps and no single source of truth.

## Delayed & Inconsistent Reporting

Reporting cycles lagged operational reality, leaving leaders making decisions on stale information with no confidence in accuracy.

## Reactive Decision-Making

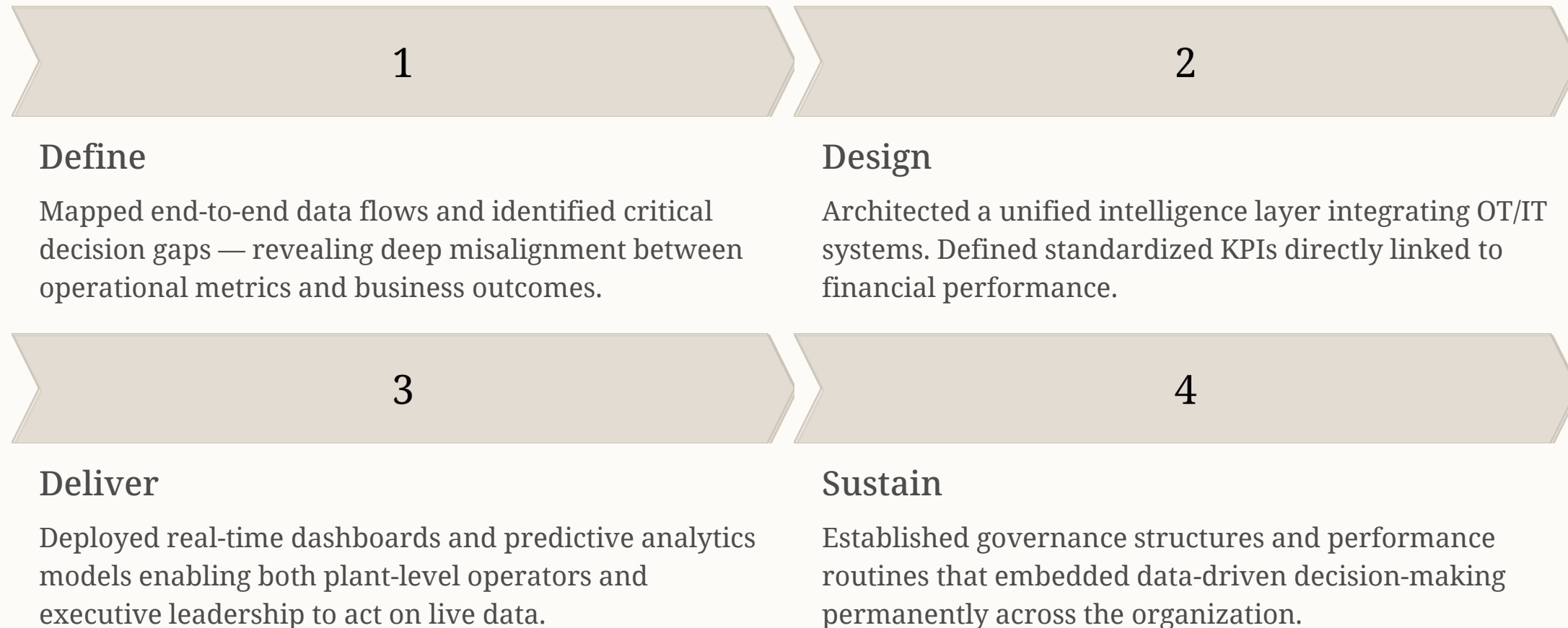
Without predictive capability or real-time signals, the organization was perpetually in response mode — unable to get ahead of disruptions.

## Lack of Executive Visibility

No consolidated view existed for leadership to monitor plant-level performance, financial alignment, or cross-functional KPIs in real time.

# The 3D&S Execution Framework

Fortis & Peak deployed its proprietary 3D&S methodology — Define, Design, Deliver, Sustain — to systematically dismantle the fragmented architecture and replace it with a unified intelligence layer. Each phase built deliberately on the last, ensuring that transformation was not just technically sound but organizationally embedded and durable.



The Define phase was particularly revealing — by mapping data flows end-to-end, the team uncovered that many operational metrics being tracked had no direct line to the financial outcomes leadership cared about most. This misalignment was corrected at the Design stage before a single dashboard was built, ensuring that every KPI deployed in the Deliver phase carried genuine decision value.

# From Raw Data to Decisive Action

The transformation flow follows a clear and deliberate path: raw operational data, once trapped in disconnected systems, is now ingested into an integrated platform that produces real-time insights — enabling faster, more confident decisions and immediate operational action.



The unified intelligence layer bridges the historic gap between operational technology and information technology, creating a single source of truth accessible at every level of the organization. Plant managers gain live visibility into production performance. Supply chain teams can anticipate disruptions before they cascade. Finance leaders see how operational variability translates directly into financial exposure — in real time, not weeks later. The deployment of predictive analytics models further shifts the organization from reactive to proactive, reducing operational variability and improving planning accuracy by 25% across the enterprise.

# Sustained Intelligence: The Lasting Outcome

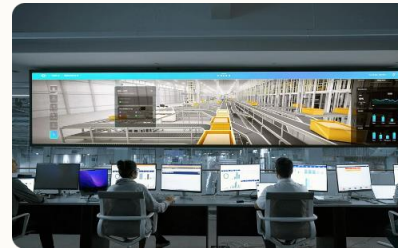
Technology alone does not transform organizations — governance does. The Sustain phase of the 3D&S framework ensured that the real-time intelligence capabilities deployed were not a one-time implementation but a permanent operating model. Performance routines were redesigned around data, leadership review cadences were restructured to leverage live dashboards, and accountability frameworks were aligned to the standardized KPIs established during the Design phase.

The result is an organization that has fundamentally changed how it makes decisions. Decision cycles are 40% faster. Planning accuracy has improved by 25%. Cross-functional visibility — once entirely absent — is now complete, spanning production, supply chain, and finance in a single integrated view. Operational variability, previously unchecked, is now monitored, measured, and actively managed.



## Executive Visibility

Leadership now operates with full situational awareness — live KPIs, financial alignment, and cross-site performance in a single view.



## Operational Alignment

Plant-level teams and corporate functions share a common data language, eliminating the misalignment that previously drove reactive behavior.



## Embedded Governance

Performance routines and data governance structures ensure the transformation endures — building a culture of continuous, evidence-based decision-making.



Ready to convert your operational data into decision advantage?

Contact Fortis & Peak at [info@fortisandpeak.com](mailto:info@fortisandpeak.com) or visit [www.fortisandpeak.com](http://www.fortisandpeak.com)



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