KEY BENEFITS OF SDDI

→ SPEED

Make ERP and CRM data available to your organization in hours, not months

→ SCALE

Integrate 100s of tables at scale, democratize data across whole organization

→ AUTOMATION

Connect bi-directionally to ERP and CRM systems without a single new line of code

→ LOWER COST & RISK

Reduce typical ERP related project and license costs as well as reduce migration risk

ERP and CRM systems are the central pillars of many business' data architectures, spanning companies of all sizes, industries and geographies. And for good reason, as these systems excel at standardizing and managing data associated with transactional business processes. As more business functions - from Purchasing and Sales to Material and Demand Management - use these systems, the quantity and complexity of stored data compounds, including transformative insights regarding business operations.

Unfortunately, these insights often remain untapped due to the rigid, complex data models used by the systems in play. Analyzing ERP or CRM data often requires the manual work and expertise of a specialist — a time-consuming and expensive prospect. Moreover, real-world business decisions often require ERP and CRM data to be integrated - either with each other or with data outside these systems. This, again, requires labor and time-intensive work, if it can be done at all.

Palantir's Software-Defined Data Integration (SDDI) connects to and integrates data from ERP and CRM systems automatically, enabling insights in hours, not months. Once integrated with SDDI, end-users from across the organization can utilize ERP and CRM data to power custom workflows and analytics. Best of all, SDDI enables seamless write-back, feeding operational insights back into the underlying systems to power more impact.

| UNDERSTAND DATA REQUIRED FOR ANALYSIS/WORKFLOW | → | EXTRACT DATA FROM ERP SYSTEM(S) | → | HARMONIZE DATA | → | INTEGRATE DATA AND OFFER TO END USERS IN BUSINESS READABLE FORMAT | → | END USERS ANALYZE & OPERATIONALIZE DATA FOR VALUE GENERATION |

Accelerate Time To Value From Months To Hours/Days →

SDDI OFFERS:

→ Shopping Cart Expirience to understand which tables are required for analysis/workflow

→ Connectors automate data extraction from (various) ERP/CRM instances

→ Automatic data harmonization and pipeline building to transform data into easy-to-understand business objects

ADVANTAGES

FAST IMPACT

Acelerating Digital
Transformation
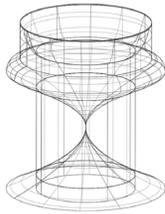
Traditionally, building new workflows within ERP is both time and labor-intensive, since integrations must be purpose-built by specialists. When the time and work is invested to create workflows in ERP, the resulting applications are composed of rigid dashboards and templates. If a user wants to add additional data sources, change visualization tools, or perform custom analytics, they're bottle-necked into working with the same specialists.

Palantir's SDDI automatically transforms ERP and CRM data into easy-to-understand business objects. Harmonized ERP and CRM data can be materialized within an existing data lake or warehouse and organizations can then utilize Foundry to access, leverage and take action on the data asset. This common foundation of business objects can be used to power OOTB or custom workflows. By enabling both engineers and non-technical users to access and instantly leverage data, operations and decisions happen faster and more effectively.

LOWER COST & RISK

Unlock smart decisions
without big investments
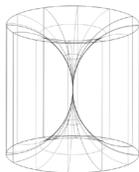
ERP systems are designed to cope with large numbers of transactions and are built around the financial reporting framework (OLTP). On the other hand, business analytics and operational decisions support frameworks are often based on analytical processing (OLAP). Integrating these frameworks usually requires huge resource spend - either to build workflows, or migrate data to new environments.

Palantir's SDDI enables you to perform analytics using data from existing systems without the need to migrate to a new environment. Further, a step-by-step integration of your ERP data results in reduced project costs (cloud compute, database integration, license) as well as risks associated with large scale projects.

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ADVANTAGES

OPEN ARCHITECTURE

Interoperate with existing
systems for cross-functional
workflows
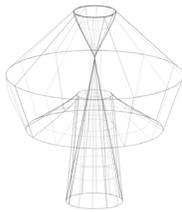
To make critical, informed business decisions, users need integrated
information from across the enterprise. ERP data is valuable in isolation,
but ERP data connected with CRM data connected with logistics data
is invaluable. Due to rigid, complex data formats, it's cumbersome to
manually integrate ERP or CRM data with existing sources - limiting
visibility into important insights from across the business.

Palantir's SDDI is built to do exactly that, ensuring that your ERP and
CRM data is integrated seamlessly, along with any other structured or
unstructured data source in your company. Moreover, SDDI implements
a continuous write-back loop that makes the underlying data assets
more intelligent over time, all while retaining (or improving upon) the
levels of security and governance already in place within your
ERP or CRM.
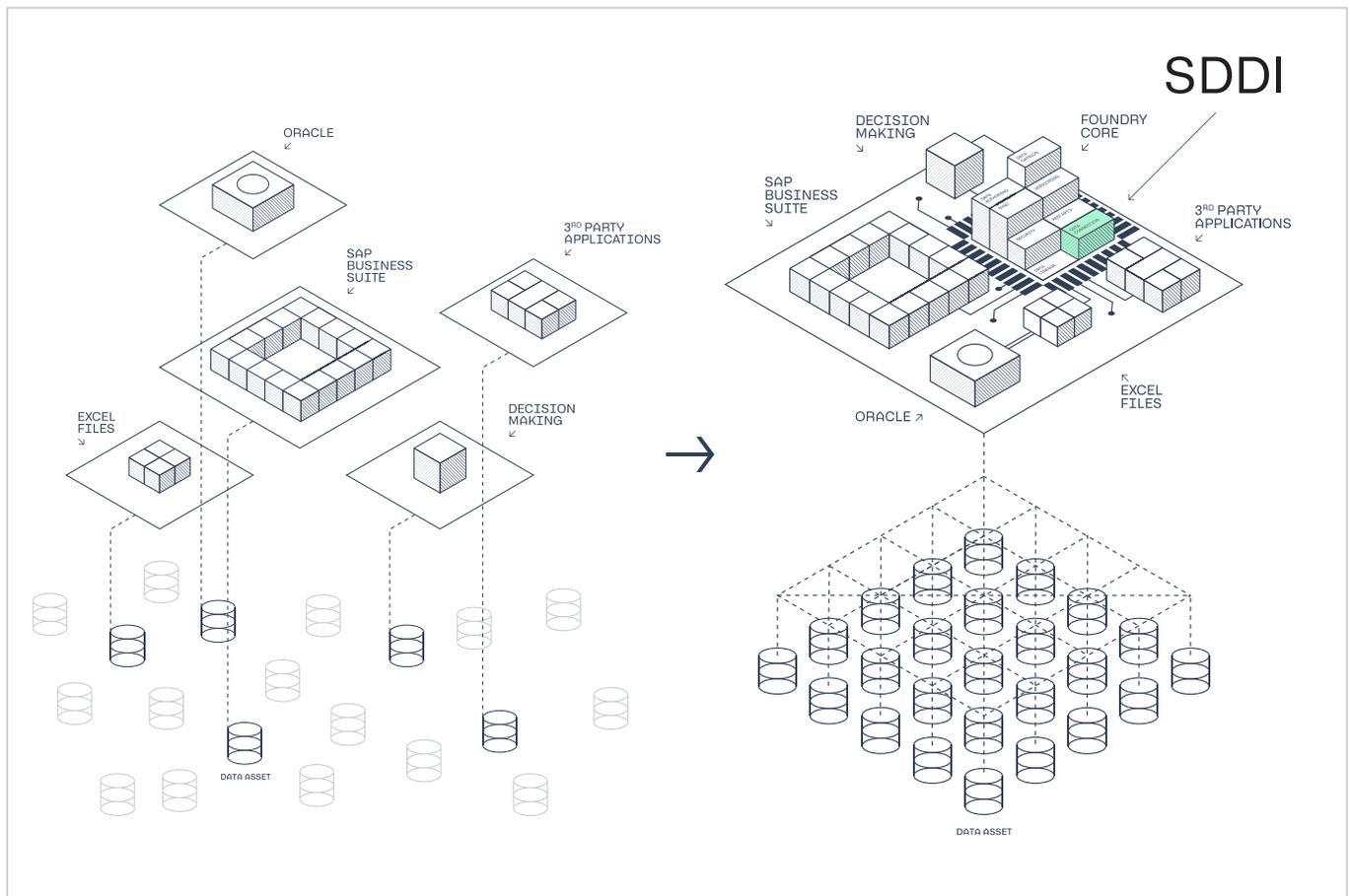
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CASE STUDIES

Optimizing Production with ERP Data Across the Supply Chain

A Fortune 100 consumer goods company deployed Palantir platforms to quickly respond to COVID-related disruptions. Within days, Palantir software harmonized more than 7 legacy ERP systems into a unified environment. Using an out-of-the-box application, teams immediately began to optimize cost of goods sold (COGS) and production, resulting in $10s of millions of estimated annual savings.

→ Impact Study

Speed to Savings with ERP Data

At a multinational enterprise, alerting strategies in Palantir Foundry scan more than 300 ERP datasets and flag attempts to buy materials that are already in inventory. Within two weeks of deploying Palantir ERP Suite, the business identified opportunities to save $57M in working capital.

→ Impact Study