

# Case study

## Leading pharmaceutical company connects global data into one source of truth

A major pharmaceutical company needed to understand its data landscape – a process made more complex by the addition of numerous systems from several acquisitions. Unlocking their data's value was critical to driving the firm's competitive positioning and future growth. Solidatus automated the visualization of numerous data flows, dependencies and processes to reveal insights for better strategic planning and decision-making.

### Business challenge

The firm's ambitious plans for the future were dependent on better connected data that would support new research while optimizing the value of their acquired assets.

- Fulfill a comprehensive global project to understand the data landscape, create a single source of truth for information and meet regulatory demands.
- Build a data map to visualize critical cross-process dependencies.
- Drive a greater understanding of the data flow to enable better coordination within the company.

### The Solidatus solution


The company collaborated with Solidatus across five key steps to achieving the goal of strengthening the data landscape:

- **Transparency:** Mapped dependencies from one system to another.
- **Governance:** Aligned control points to understand the links; establish escalation paths.
- **Plan:** Agreed on critical steps and estimated timelines.
- **Connect:** After mapping dependencies, enriched the Solidatus graph with additional content, including ownership, data quality and regulatory obligations, eg GDPR. Created dynamic views to reconcile all elements in the process for the Management Team.
- **Improve:** Assessed the process, illustrated the gaps, and built consensus of the potential efficiencies to execute future plans.

### Key benefits

By using Solidatus, the company was able to:

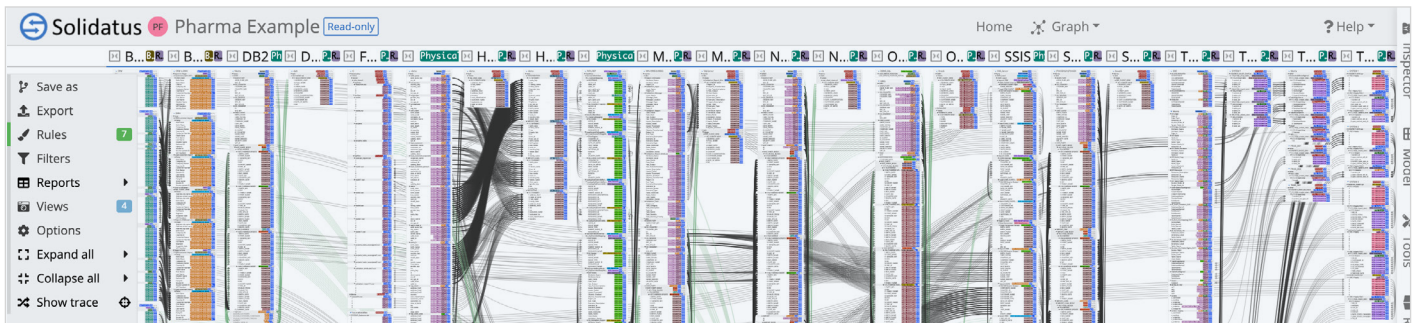
- **All strategic elements** – including processes, people, systems, policies, regulations and information – could be visualized to support a successful plan for the future.
- **The Management Team could derive intelligence** to drive improvements and establish the business road map.
- **A deeper understanding** of their rich data landscape supported their critical research into molecular biology and diagnostics, retaining their competitive edge and long-term future.
- **Quantify the impact** of an upstream change on subsequent independent downstream stages.

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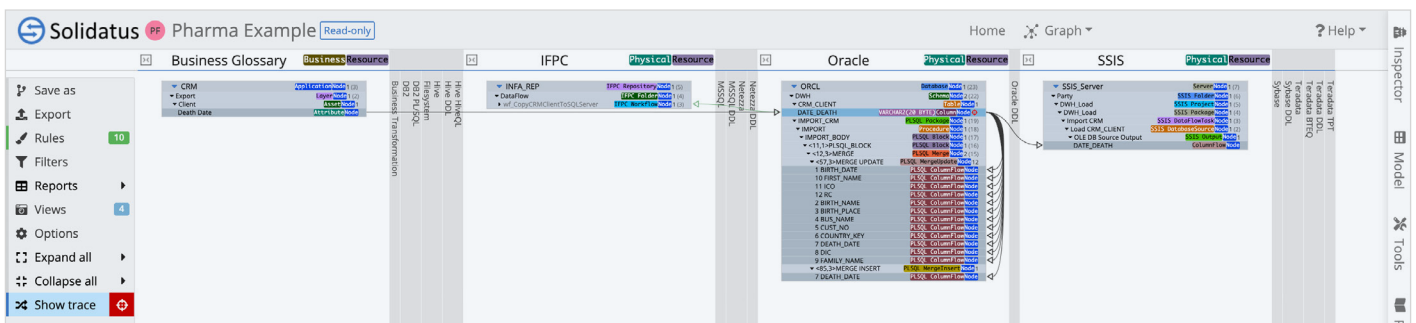
## The Solidatus capabilities were incorporated in two project phases:

- **Phase 1:** Harvest known definitions and data points cataloged in the firm's metadata registry tool, the Informatica Business Glossary; later, this would automatically update and pass to Solidatus using the API.
- **Phase 2:** Business analysts defined where data points were stored in the source system and where they should be in the

target system. Information designers then created a logical canonical domain model to transmit the information. The developers created physical models based upon the logical models or mapped the logical models to existing physical models. Data lineage mappings were created to verify the implementation against the design.



**Model A:** Illustrates how complex data flows can be shown in full.



**Model B:** Users can easily navigate the Solidatus graph, focus on what is important and create dynamic views.

### Result

The company solidified its strategic goals by partnering closely with Solidatus to map their complex data flows into one visualized and dynamic interface.

- Improve transparency of interactions and dependencies for all process actors, reconciling multiple layers in the same place (people, control points, systems, timelines).

- Leverage their existing data to create a baseline, identify gaps and provide clarity to the process through a common language.
- Enhance governance by establishing appropriate control points, defining decision-making criteria and facilitating escalation paths.
- Quantify the impact of an upstream change on subsequent independent downstream stages.

## About Solidatus

**Solidatus is an innovative data management technology company**, empowering organizations to unlock the true business value behind their data. Our lineage-first technology enables organizations to connect and visualize data relationships across the enterprise, simplifying how they identify, access and understand them. Launched in 2017, Solidatus is the chosen data management tool for both the regulators and the regulated. Its clients and investors include top-tier global financial services brands such as Citi and HSBC, healthcare and retail organizations as well as government institutions. Solidatus has offices in the United Kingdom, the United States and Singapore. For more information, visit [www.solidatus.com](http://www.solidatus.com)

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