

Solidatus models HSBC's global lending book

The challenge

Modeling complexity

When HSBC began their multimillion dollar Wholesale Credit Lending (WCL) transformation program, they had three key outcomes in mind:

- Reducing time to decision from months to minutes
- Reducing time to distribute funds to customers from months to hours
- Protecting and preserving by enhancing their risk management controls

But they faced a major challenge: they lacked a comprehensive understanding of their data, making it impossible to develop an effective migration strategy and achieve their ambitious targets. After assessing a suite of competitor software, it became clear that Solidatus was the only software that met their data lineage requirements and solved their challenges.

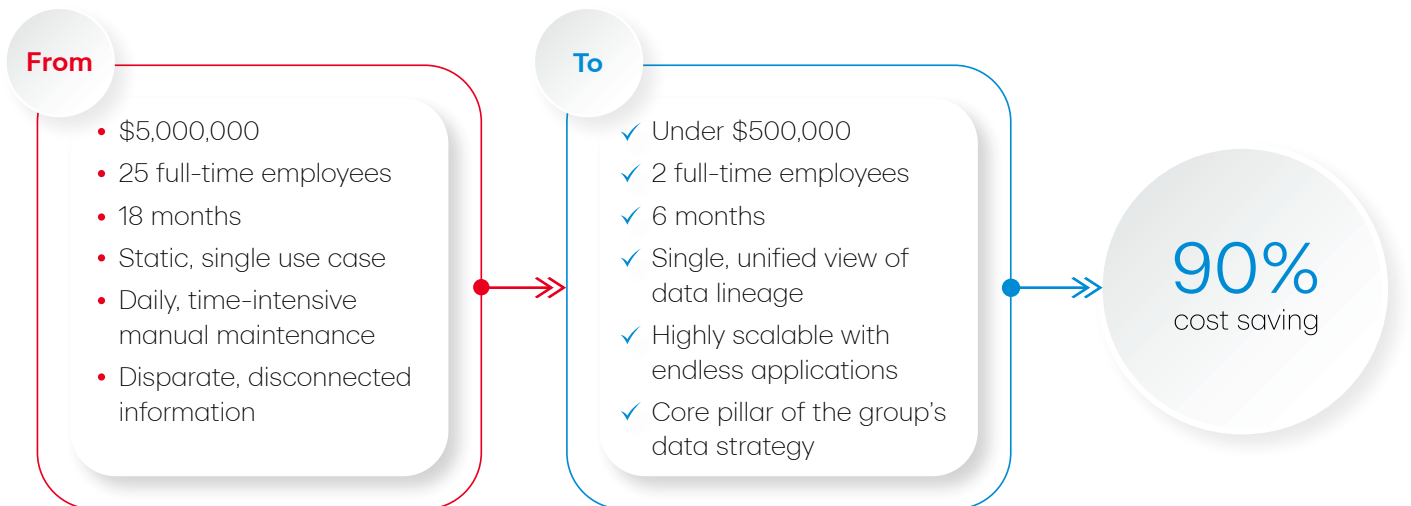
How HSBC used Solidatus to address their key challenges

In under six months, a team of two was able to document and model HSBC's entire Credit and Lending book, demonstrating traceability from source to consumption. If a competitor's software had been used, building the data model would have taken over 18 months, required 25 staff, and cost \$5m+. With Solidatus, the project cost under \$0.5m. In total, the team has successfully modeled 2,000 source tables with 80k+ fields, and 18k+ data linkages across 40 source systems used globally. Their aim is to reduce and refine the number of data assets published from 10k across their credit lending processes to 200, minimizing data consistency risks caused by duplicated processes. HSBC has a highly scalable and automated solution that is being applied to several applications from ESG to liquidity calculations and other regulatory uses.

“ HSBC continues to be a strong partner, exemplifying its conviction in Solidatus' value proposition through a direct investment in the company to support its growth and utilization across the business.

Moran Levinovitz, Managing Director, HSBC Corporate Ventures

The Solidatus way



Now

A self-service, single source of truth available to hundreds of internal users, offering visualizations of all data requirements across the complete WCL book.

Future

500+ benefactors with diverse data needs leveraging the data within the model to operationally manage expediting credit decisions and disbursing funds to customers. Other use cases include reporting on Environmental, Social and Governance, and optimizing Risk-Weighted Assets.

“ With Solidatus, I can visualize the data model for each business outcome, manage the requirements of key stakeholders and provide greater clarity over the intricacies involved in addressing their requests. Only Solidatus gives you this level of control.

Sid Mubashar, Head of Wholesale Credit & Lending Data and Monitoring, HSBC

With Solidatus, HSBC now have:

Complete transparency over their WCL book

- With comprehensive understanding of all data requirements across the wholesale credit lending book, the team can identify process gaps and inefficiencies, ultimately ensuring consistent use of data improving customer experience.
- Dynamic visualization of the data landscape enables the bank to adapt and scale in response to incoming regulations and organizational changes.
- Leveraging Solidatus' powerful ability to conceptualize current and future states, the team can conduct impact assessments and plan for future developments.
- Labeling transitions, enriching the model with properties, and applying display rules and filters enables the team to detect missing lineage and visualize the cascading effects of data modifications.

Speak a common data language, preventing duplication of effort, saving costs

- Golden source of information provides a consistent taxonomy of data definitions at the data element level, making data easily accessible and understandable across all systems and applications.
- Business users, risk and compliance teams, and technology professionals can search the WCL data estate for information such as business descriptions, classifications, and data ranges.
- Better understanding of relevant systems, duplicates, and redundancies empowers the team to propose optimizations in source systems, saving costs by retiring fields, tables or even whole systems.

Massive reductions in manual workload through Solidatus' powerful connectivity

- Solidatus simplifies metadata capture and visualizes deep-level lineage across HSBC's systems streamlining daily maintenance.
- With over 200,000 transitions governed and maintained, the team can filter and trace using transition properties and effectively visualize data requirements from users.
- Ongoing maintenance is distributed, federated and democratized. Solidatus provides the ability to manage a federated workflow, with tasks being assigned to SMEs where appropriate.

What next?

Embedding Solidatus within the broader WCL transformation strategy

- Automate physical lineage and reconcile it with their logical lineage model, demonstrating regulatory compliance.
- Ensure that physical implementation aligns with the business's intended design by building data requirements within Solidatus, and then verifying that IT has delivered on the design.
- Model and curate customer master journeys in Solidatus and link them to WCL models, examining process efficiencies and enhancing customer experience by reducing the amount of data required from customers, minimizing data redundancy.
- Easy access of their control landscape with a single click. By tagging process steps and indexing them as controls, they'll be able to trace the lineage of control occurrences, leading to improved adherence to both global and local compliance standards.

We'd love to hear your data challenges and show you how Solidatus can help. For a personalized consultation and demo, visit solidatus.com or email us at hello@solidatus.com