

Solidatus: Solution overview

Next-generation data management - Enterprise data comprehension

Solidatus is a specialised, powerful and modern data management platform. The simple, intuitive, and flexible web-based application allows organisations to rapidly discover, visualise and understand how data flows through their systems, while ensuring enterprise-wide consistency of understanding through the integration of data dictionaries and business glossaries.

KEY PRINCIPLES AND CONSIDERATIONS

Solidatus provides that consistency of understanding, that total data insight and subsequent completeness of control, that we call Enterprise Data Comprehension.

The life of an enterprise is about cause and effect. Projects atrophy over time and therefore need to be replaced. Control gets harder, there are failures of what were thought to be robust systems and then there is new regulation. IT is a bitter cycle of invest, build, run and fail followed by re-invent. A much better outcome would be to use a single one-off investment in something you cannot avoid and then break out of the cycle. Take a new regulation, for example, do it well and then plough all of that knowledge into the business-as-usual pillars of Governance and Optimisation. This is the correct sort of investment, it empowers the everyday delivery of IT and gives them the tools to steer a straighter course – one where there is continuous low level, efficient investment.

The truth is that the cause célèbre projects are those of regulation and transformation. We have all seen them – lots of external people being brought in, programmes of work with a lot of money. They come in, probably build great technology, and leave behind documentation to get dusty and not be kept up by much less well funded run-the-bank (RTB) functions. What we all know is that, if RTB was done properly, there would be much less call for the larger programmes, they would naturally happen as part of everyday life.

If you do your regulation and transformation programmes properly you empower your organisation to break the cycle and travel a much more sustainable and less organisationally stressful path of application maintenance and renewal.



REGULATE

Be proactive, through transparency and reuse, rather than reactive, towards regulatory requirements including BCBS239, CCAR, GDPR, MiFID II, FRTB.



TRANSFORM

Understand your organisation's data flow in order to plan change, analyse its impact and future-proof your data ecosystem.



GOVERN

Coordinate, control, and plan change throughout an enterprise regardless of the type of system, the data in use, where it is or who owns it.



OPTIMISE

Reduce redundancy and misuse of data by ensuring that all data is catalogued and owned, with the correct lineage to easily spot anomalies.

SOLIDATUS FOR ENTERPRISE DATA COMPREHENSION

AT THE HEART OF SOLIDATUS IS ENTERPRISE DATA COMPREHENSION

The unique collaborative mechanism built into the core of Solidatus helps organisations master their data economy. It quickly allows them to develop a data landscape, crowdsource metadata, agree terminology, and analyse data usage throughout their systems to reduce their exposure to risk. It introduces unparalleled Enterprise Data Comprehension.

Solidatus is being used by our clients and partners to:



Govern

Demonstrate detailed field level data lineage to the regulator for stress testing regulation such as CCAR. Assess the overlap between MiFID and EMIR, EMIR and CFTC or CFTC and Volcker, for example, and establish a normalised nomenclature to drive consistent reporting.



Transform

Visualise and refactor complex Control-M and Autosys batch processes and understand the impact of change. Visualise changes to database schemas, eg, when upgrading Summit and visualising required upstream & downstream effort.



Regulate

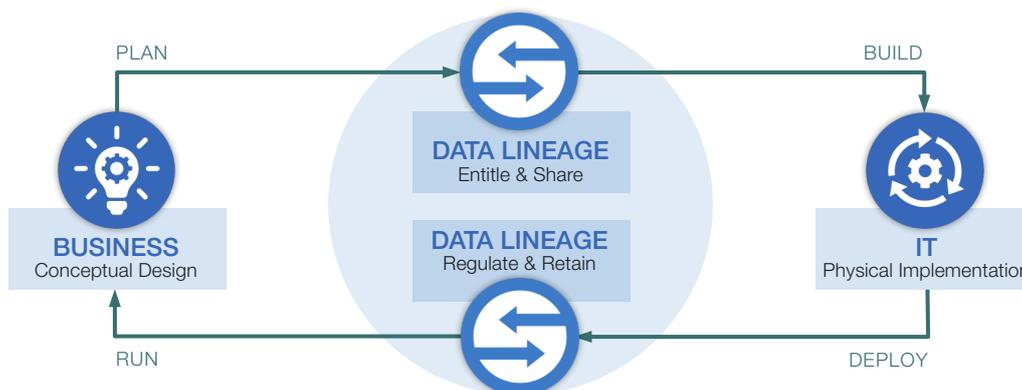
Quickly build complex end-to-end data lineage models across siloed teams, by delegating to key data experts using the distributed crowdsourcing and version control. Automatically enforce validation rules and naming standards, while identifying and reporting inconsistencies in phraseology through data dictionary and business glossary use. Visualise trial results from disparate sources, and through multiple processing layers, down to final actionable reporting data.



Optimise

Identify any overlap between reporting systems to demonstrate redundancies and see where cost savings can be made. Trace back identified data quality issues to the source of the headache, to quickly assess further unknown impact and aid resolution.

Solidatus metadata lifecycle in a lineage-enabled organisation:



KEY BENEFITS

- ▶ Enterprise Data Comprehension means regulatory compliance is achieved through the delivery of intrinsically compliant business functionality, rather than as an additional costly overhead.
- ▶ Enterprise Data Comprehension ensures transformations occur with only the irreducible minimum of risk.
- ▶ Enterprise Data Comprehension enables identification and apportionment of appropriate data ownership, underpinning and enforcing data governance consistent with the culture and needs of the organisation.
- ▶ Enterprise Data Comprehension eliminates any opportunity for duplication, with its attendant avoidable expense, leading to a fully optimised data estate.