

# Digital Transformation Lineage: Asset Management

## CHALLENGE

A multiyear Digital Transformation Project was undertaken to move investment processes away from spreadsheets and provide the ability to transfer the management of certain asset types previously managed externally in-house.

This programme of change implemented Eagle PACE, Charles River, APT, Ortec Pearl, Opus Nebula and Tableau. Additionally, a number of data marts were implemented, at different stages, by different teams often using different methodologies and documentation practices. As a result, the understanding of end-to-end data flows was fragmented meaning that on-going support and development was inefficient, costly and time-consuming.

Deficiencies in data governance and controls were the primary reasons for the issues. To address these deficiencies now and in future, it was critical to capture and understand the present data ecosystem. This created the need for a data lineage tool that the data team could use to model the data flows at the attribute level. The tool would then become a component of the change process for data analysts so that new requirements could be assessed in a fully informed manner with final deployment only being approved once relevant changes had been implemented into the data lineage model.

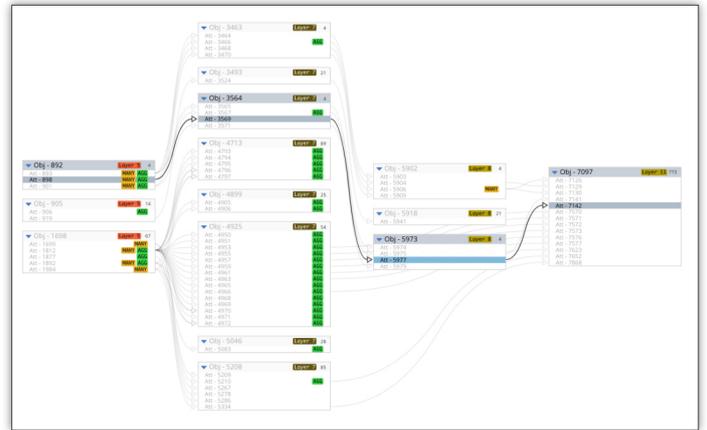
## SOLUTION

The Asset Manager conducted significant research, received demos and trialled several products. Each product approached lineage from different perspectives:

- Building lineage automatically by interpret database schemas, views and stored procedures;
- Producing lineage as a by-product of broader suite of Enterprise Data Management solution.

These approaches were all rejected because they offered a restricted scope of automation, provided little to no manual intervention, provided limited or no additional information recording facilities, the time to implementation was excessive, as was the total cost relative to what you received. Upon discovering Solidatus, the Asset Manager quickly identified that the tool was everything they needed and more. They commented, “after reviewing the website and receiving a demo we knew it was fit for purpose”.

Solidatus provides a fully configurable data flow model that users can build from scratch and continually evolve. This includes the ability to import and rapidly build data objects, plus numerous ways to focus in, view and filter the lineage. The tool offers a completely unrestricted method of adding properties to any component of the model and the ability to use these properties to add formatting into the visual representation.



## RESULT

Solidatus is being widely used to support and connect key business domains, providing an interface with analytical layers. “It provides a clear visualisation of our dependencies and reflects the current build status with the objective to eliminate end-to-end failures. It has fully met our primary use case of using Solidatus to visualise the current production environment and there is now scope for more usage as part of our change management planning process and in many other areas in”, comments a Senior Director at the company.

### KEY POINTS

- Industry standard and secure RESTful HTTP API.
- Simple, powerful, configurable and flexible.
- Automate data lineage discovery, storage and retrieval.
- Integrate Solidatus into existing governance ecosystem.

### ABOUT SOLIDATUS

Solidatus is a specialised, powerful and modern data management tool. The simple, intuitive and flexible web-based application allows organisations to rapidly discover, visualise and understand how data flows through their systems and the relationships it has.