

Transforming Corporate IT

Case Study | **Data Strategy**

LARGE KNOWLEDGE ORGANIZATION

THE PROBLEM

Being a respected source of international academic publications, this organization had a number of challenges within the organization of data correctness, data dissemination throughout the organization, and immature data architecture.

They required help in developing a comprehensive data strategy and roadmap.

THE SOLUTION

Using the Mastech InfoTrellis strategy methodology, a complete review of the current state of data technology was performed and documented.

Once a gap analysis had been completed based on the business's forward looking strategy, Mastech InfoTrellis developed a custom-fit, data-driven architecture framework. A comprehensive Data Governance program was also proposed.

A roadmap for success was also generated along with next steps that will be used to help guide the organization in their data driven journey.

THE OUTCOME

The organization is currently implementing the roadmap and next steps.

Among other results, the data governance organization that was implemented was able to measure the increase in data quality for various attributes – in the case of addresses, over 60% of addresses were improved.

A data lake has enabled data scientists and reporting analysts to access, analyze, and report on data that had previously been siloed and unavailable.