

Client Success

Industry leader's analytic database supports breakthrough innovation in biotech research

BUSINESS CHALLENGE

The plant biotechnology division of a multinational chemicals manufacturing company needed an analytic database and data governance strategies to help it break new ground in its field. With an eye to creating long-term competitive advantage, the initiative aimed to leverage research data in an innovative way that would dramatically improve the division's ability to generate and build knowledge about complex biological systems.

MCG SOLUTION

MCG recommended an analytic platform for the research database and developed detailed plans—covering data sourcing, data quality, data modeling, and data usage—for integrating it into the research environment. We developed Master Data Management roles, organizational interfaces, and action plans. We also led the process of chartering a new Data Governance team, helping them understand the importance of high-quality, well-managed data to the company's bottom line.

RETURN ON INVESTMENT

The division now has a single point of truth for visual data mining, modeling of biological systems, and knowledge management. This analytic platform is helping them improve quality of gene discovery, efficiency of gene identifications, and long-term ability to grow proprietary knowledge of complex biological systems—one of their most important competitive assets.

"We could not afford to take many false steps and needed advice and architecture from a trusted industry leader. During our association, we have learned many techniques as it relates to the management and the value realization of information. Without reservation, I endorse McKnight Consulting Group."

-- Alrun Burgmeier, Bioinformatics Scientist