



WASTE MANAGEMENT & ENVIRONMENTAL SERVICES COMPANY CASE STUDY

Automating data model creation and centralized Access Control

COMPANY OVERVIEW

A leading waste management and environmental services company in the United States offering services such as collection, recycling, transfer, and disposal of non-hazardous solid waste and recyclable materials focused on sustainability. The company serves various industries, including manufacturing, healthcare, energy, and government agencies and recently expand its footprint in the environmental services sector to enhance its capabilities in managing hazardous waste (e.g. radiological, biological, etc.), disaster cleanup and specialized environmental solutions. The company now offers a more diversified platform to address the evolving needs of customers and regulatory requirements in waste management and environmental protection.

BACKGROUND

In the rapidly evolving landscape of business intelligence and data management, the imperative to modernize data infrastructure became increasingly important to this leading waste management and environmental services company. Recognizing that their legacy systems and processes were hindering agility, efficiency, and the ability to derive meaningful insights from their data they knew they needed to establish a clear and adaptable framework essential for facilitating the development of robust reporting tools and advanced analytics that drive business growth and innovation.

OBJECTIVES OF THE PROJECT INCLUDED:

- Empowering teams to easily extract valuable insights from their data more efficiently.
- Ensuring data security and compliance to protect sensitive information and to safeguard data integrity and confidentiality.
- Modernize the development of sales dashboards and integrate Azure Active Directory into their Access Control strategy.

WHY INFOVIA

The selection of infoVia by the environmental services company was based on several key factors that distinguished infoVia as the preferred partner for their data modernization initiative.

- **Referrals and Reputation:** infoVia came highly recommended through referrals within the industry. The company's track record of successful projects and satisfied clients served as a testament to their capabilities and reliability.
- **Agile Processes:** infoVia's agile processes were a significant draw for the environmental services company. infoVia's commitment to agile methodologies accelerated the pace of innovation and implementation.

WHY INFOVIA (CONT.)

- **Data Vault and Automation Expertise:** infoVia's proficiency in Data Vault modeling and automation technologies was a crucial factor in their selection. infoVia's expertise in automation streamlines processes, reduces manual effort, and enhances the efficiency and accuracy of data management tasks, enabling the company to maximize productivity and focus on strategic initiatives.
- **Leadership and Teaching Ability:** infoVia's ability to lead and teach teams was another compelling reason for their selection. Beyond technical expertise, effective leadership and knowledge transfer are essential for driving successful project outcomes and empowering internal teams.

"INFOVIA PROVIDES PROMPT SUPPORT AND LISTENS TO OUR NEEDS WITH CLEAR INTENT TO CONTINUALLY IMPROVE THEIR PROCESSES AND PRODUCTS." JON WHITE- IT DATA MANAGER

RESULTS

- **Time to Value:** Leveraging pre-built templates, standardized workflows, and best practices, infoVia streamlined solution development and deployment, enabling the organization to achieve tangible results within four days, deliver intuitive dashboards and interactive reports, and stakeholders were able to visualize key performance indicators. Teams were empowered to extract valuable insights from their data more efficiently—enhancing organizational agility, data security, and analytical capabilities.
- **Development of a Sales Dashboard:** Delivered a centralized hub for monitoring sales performance and key metrics which provided stakeholders with actionable insights to drive strategic decision-making. To ensure data security and compliance, data masking techniques were employed using infoSecur policies to manage who has access to critical data and safeguard data confidentiality.
- **Azure Active Directory Integration:** Integrating Azure Active Directory into infoSecur policies and leveraging metadata enabled stakeholders to monitor access requests, approvals, and audit trails seamlessly from a single repository of user identities. Azure Active Directory's comprehensive identity and access management features allowed the organization to enforce policies, monitor user activities, and mitigate security risks more effectively. The role-based access provisioning ensured that employees have the appropriate level of data access based on their job roles, responsibilities, and organizational hierarchy.

- **Internal Team Training:** Ensured that the environmental services company's team members are equipped with the skills and capabilities needed to effectively leverage the new data architecture, drive innovation, and sustain long-term success. The team is now easily able to adapt to organizational changes by leveraging infoSecur to ensure sensitive data is protected while being able to share it widely to drive business results and innovation.

CONCLUSION

In summary, infoVia's strong reputation, agile processes, expertise in Data Vault modeling and automation, and ability to lead and educate teams positioned them as the ideal partner for the environmental services company's data modernization initiative. By leveraging infoVia's capabilities and collaborative approach, the company is poised to achieve its objectives of enhancing data management, driving operational efficiency, and unlocking new insights to support informed decision-making in the environmental services industry.

Unlock the Power of Your Data with infoVia
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