



ENGINEERING & TECHNOLOGY COMPANY CASE STUDY

Company leveraged infoSecur that provides enhanced data protection and functionality, further strengthening their data security posture.

COMPANY OVERVIEW

A leading force in the realm of engineering and technology, the company is a product of automated test equipment and virtual instrumentation software. Leveraging a track record marked by pioneering solutions, this company has earned widespread recognition for its contributions to the advancement of engineering practices and scientific research. Through its steadfast commitment to excellence, this organization continues to redefine possibilities and inspire breakthroughs on a global scale.

BACKGROUND

The company had built their data warehouse on Snowflake which requires meticulous maintenance at the database level and they quickly realized they had limited ability to enforce restrictions and permissions on data access and realized they had little control over data access and actions. In addition, they needed to integrate security measures within the organization's existing infrastructure while considering scalability, user experience, and strategic alignment with business processes.

CHALLENGES:

Other challenges continued presented themselves that included:

- **Ability to Integrate with Azure Active Directory:** The desired security policy integration with Azure Active Directory posed a challenge due to the loose directory structure. To address this, there is a need to establish a coherent structure that aligns users and assets within a hierarchical framework, leveraging existing hierarchies from business processes.
- **Utilize Metadata for Policy Virtualization:** The company desired to leverage metadata to virtualize policies requiring the reuse of existing policies and data, enhancing them with a user-friendly interface that seamlessly integrates security structures and HR frameworks.
- **Security Solution Implementations:** Implementing a security solution without prior success and background presented a challenge, especially when attempting to effectively address the unique needs and concerns of the organization.
- **Avoiding Redundancy in HR Hierarchies:** To avoid reinventing the wheel when dealing with HR hierarchies the company needed to explore ways to integrate and streamline existing hierarchies effectively.

"OUR EXPERIENCE WITH INFOSECUR HAS BEEN NOTHING SHORT OF EXCEPTIONAL. AND HAS PROVIDED US WITH TANGIBLE BENEFITS, INCLUDING STREAMLINED INSTALLATION PROCESSES AND ENHANCED FEATURES, REAFFIRMING OUR COMMITMENT TO DATA "WE CHOSE INFOVIA'S INFOSECUR FOR OUR DATA LAKEHOUSE TO HELP SHARE DATA WIDELY AND PROTECT IT FIERCELY. IT PROVIDES AN EASY TO USE WEB BROWSER INTERFACE, ENHANCING DATA ACCESSIBILITY AND SECURITY. WE WERE ABLE TO CUSTOMIZE OUR INSTALLATION, ENABLING US TO GOVERN NOT JUST NEW INFOSECUR ROLES, BUT PRE-EXISTING SNOWFLAKE ROLES AS WELL. FURTHER, THE SOLUTION'S DESIGN IS READY FOR ASSIGNING RESPONSIBILITIES TO DOMAIN-ORIENTED TEAMS, AS WE EMBRACE THE DOMAIN OWNERSHIP AND FEDERATED GOVERNANCE PRINCIPLES OF DATA MESH."

WHY INFOVIA

The company opted for infoSecur for several compelling reasons:

- **User Interface and Speed:** infoSecur offered a user-friendly interface that ensured efficient management of security policies and processes, enhancing overall productivity and user experience.
- **Integration with Active Directory:** The ability to seamlessly integrate with Active Directory was a crucial factor for the company. The infoSecur integration facilitates the synchronization of roles and policies across platforms, streamlining administrative tasks and ensuring consistency in security measures.
- **Speed to Market:** infoSecur provided faster implementation times by leveraging best practices and pre-built solutions, enabling the company to deploy robust security measures swiftly.
- **Faster Maintenance:** The user interface facilitated faster maintenance of security policies, allowing for quick adjustments and updates as needed.
- **Integration with Existing Policies:** The capability to integrate with existing policies further accelerated the deployment process, minimizing disruptions and optimizing efficiency.
- **Query Performance:** infoSecur's implementation of policies at the database level resulted in faster query execution compared to competitors. This enhanced performance ensures that security measures do not compromise operational efficiency, providing a competitive edge in data management.
- **Proven Track Record:** The track record of infoSecur, particularly its successful implementation at Micron and handling large volumes of data, instilled confidence in the company's decision. This demonstrated capability to manage security at scale reassured the company of infoSecur's reliability and effectiveness in meeting their security needs.



RESULTS

The infoVia team implemented infoSecur quickly and seamlessly minimizing minimized disruptions, enhancing overall user experience and operational effectiveness.

With each iteration, infoSecur focused on improving key features essential for robust data security. Through enhancements and refinements, the company benefited from an upgraded suite of security tools that provided enhanced protection and functionality, further strengthening their data security posture.

infoSecur provided the company with a behind-the-scenes process that seamlessly integrated with HR metadata to align its security protocols with HR frameworks effectively, ensuring a cohesive approach to data security across the organization. The infoVia team actively engaged with the company, soliciting feedback and promptly responding to suggestions for improvement. Through collaborative efforts with clients, infoSecur version 3.0 was released demonstrating a commitment to delivering value and addressing the specific needs of the company and its users.

In summary, by selecting infoSecur for data security, the company experienced tangible benefits, including seamless integration with HR metadata, responsive customer feedback mechanisms, streamlined installation processes, and enhanced key features.

Unlock the Power of Your Data with infoVia
Contact us Today: www.infoVia.com