

BUSINESS INTELLIGENCE COMPANY MODERNIZED ITS DATABASE MANAGEMENT FOR INCREASED EFFICIENCY, RELIABILITY, AND SECURITY LEVERAGING ITC'S EXPERTISE IN ADVANCED SECURITY MEASURES

CUSTOMER PROFILE

HQ

London, UK

INDUSTRY

Business Intelligence

EMPLOYEES

400

ITC SERVICES

- Consulting
- Solution Implementation
- Security enhancements
- Managed services

APPLICATIONS & TECHNOLOGIES

- .NET 6
- Angular
- Security authentication system with Keycloak

INTRODUCTION

Our client sought to empower employees with direct yet controlled access to their SQL Server database. However, existing methods for retrieving information proved cumbersome and insecure. They turned to ITC for a robust solution providing intuitive data access aligned to the latest technical standards.

CHALLENGES

- Inefficient data retrieval from SQL Server database, impacting operational efficiency.
- Lack of a user-friendly graphical user interface (GUI) for seamless information access.
- Concerns over database connections, authentication, and application scalability.

SOLUTION

ITC's innovative approach addressed the client's needs through:

- Development of an intuitive GUI facilitating easy data access.
- Implementation of a secure authentication system with Keycloak, enhancing data protection.
- Adoption of modern technology stacks including .NET 6 and Angular, ensuring cutting-edge application performance.
- Scalability and reliability ensured by hosting the application on Google App Engine.
- ITC's comprehensive solution transformed the client's data management processes, offering a secure, scalable, and user-friendly platform. The collaboration between the client and ITC not only addressed immediate challenges but also equipped the client for future growth and technological advancement, underscoring ITC's commitment to delivering excellence in information management solutions.

RESULTS

- Increased Productivity: Intuitive access to data directly from SQL Server saves time and simplify analysis.
- Enhanced Security: Robust authentication integrated with Keycloak safeguards sensitive information.
- High Availability: Google App Engine hosting brings reliability and automatic scaling.
- User Satisfaction: The modern interface facilitates self-service data queries securely.
- Technological Currency: Embracing .NET 6, Angular and other latest frameworks showcases technical leadership.

ITC ADVANTAGE

- Innovative approach for an intuitive GUI for easy data access
- Proven track record of implementation of security systems
- Advanced capabilities and experience in executing similar projects