

High Efficiency with Enterprise Reporting Platform, O365, Power Tools for Healthcare Improvement Company

Customer Overview

The customer is a leading healthcare improvement company uniting an alliance of several U.S. hospitals, health systems, other providers and organizations to drive transformation in healthcare.

The Context

The customer used an expensive reporting platform for their reporting and dashboarding needs. Data was spread across multiple MS Access based data files. There was lack of IT support for the legacy database files and it was becoming difficult to manage increasing volumes of data. The combination of the aging data files and the difficult-to-use reporting platform created an environment of HIPAA security and compliance vulnerabilities, access management issues, poor user experience, reduced productivity, and increased operational costs. The customer wanted to replace the current reporting and data solutions with modern solutions based on high-performing, reusable, and scalable architectures, that would resolve their current problems.

The Solution

GS Lab | GAVS successfully implemented an Office 365, Power BI\Apps\Automate, and SQL Server based solution pivoted on a high-performing and scalable architecture that could handle large datasets and provided a reusable framework for other business processes. The solution was very power user friendly allowing them to create or edit reports and dashboards with minimal IT support. The Power BI workspace enabled better security management. The integration with Microsoft Teams improved collaboration and user experience by enabling easy and secure sharing of dashboards. Many data management tasks like data loading could be automated through SQL Agent jobs. Historical data analysis and audit logging features helped better decision making, improved security and compliance. This new solution suite drastically enhanced performance, productivity, and reduced licensing and operational costs.

To find out how GS Lab | GAVS can help your organization, please visit www.gavstech.com

Challenges

- Expensive reporting platform
- Difficulties in building reports and dashboards
- Aging MS Access based data files
- Issues in managing large volumes of data
- Lack of IT support for legacy DB files
- Inefficient reporting permissions management
- Reduced productivity and high operational costs
- HIPAA security and compliance vulnerabilities

Solution Highlights

- Office 365, Power BI\Apps\Automate, and SQL Server-based solution
- High-performing, scalable architecture, and reusable framework
- Self-service features for power users
- Security management through Power BI workspace
- SQL jobs to automate data management tasks
- Historical data analysis, audit logging features
- Microsoft Teams integration for collaboration

Solution Impact

- Reduction in licensing costs by moving away from expensive reporting tools
- High performance, scalability, ability to handle large datasets due to the right architecture
- Reusable framework for business processes
- Power user friendly, enabling report creation/editing with minimal IT support
- Robust security and compliance management through Power BI workspace, audit logging
- Increased productivity due to automation of data management
- Better decision making for the E teams with historical data analysis
- Enhanced collaboration, user experience due to easy, secure dashboard sharing using Teams