Building a High-Performance Data Environment While Preserving Business Continuity

SEE HOW GREATER NEVADA CREDIT UNION PARTNERED WITH PROBRIDGE TO MAINTAIN BUSINESS CONTINUITY WHILE IMPROVING THEIR DATA ACCESSIBILITY.

Background:

Multiple Dashboards Relying on Server Ending Support

Greater Nevada Credit Union (GNCU) is a premier financial institution serving over **88K members,** with total assets of **$1.6B.** The credit union is committed to leveraging modern technology to enhance its data-driven decision-making capabilities.

GNCU had 45+ Power BI dashboards spanning multiple departments, all relying on an SQL Server Data Warehouse (DW) that was approaching the end of its support from their current technology partner. This created several challenges:

Business Continuity Risk: The impending loss of support for their legacy DW posed operational risks.

Data Complexity: The credit union required a seamless way to migrate its structured data without disrupting reporting.

Maintenance Overhead: Managing and optimizing the legacy DW required significant IT effort.

Greater Nevada Credit Union

88K
members

$1.6B
in assets

Solution:

Seamless Transition

ProBridge led the end-to-end migration process, ensuring a seamless transition to **Snowflake Data Lake** while maintaining **data integrity and Power BI compatibility.**

KEY STEPS IN THE MIGRATION

Comprehensive Analysis: ProBridge conducted a detailed assessment of GNCU's existing **DW architecture, data models and reporting dependencies** to design an optimized solution for Snowflake.

Snowflake Data Lake Design: A **new Snowflake Data Lake model** was developed to consolidate all **DNA Core Platform data**, ensuring a scalable foundation for analytics.

ODS Object Development: Operational Data Store **(ODS)** objects were created to facilitate real-time data consumption in Power BI dashboards.

Datamart & Schema Development: ProBridge's team designed **Datamarts and schemas**, ensuring structured data availability for analytics and reporting.

Legacy DW Compatibility: Snowflake **views** were developed to mirror GNCU's existing **legacy DW structures**, enabling a smooth migration of Power BI dashboards **without major redesigns**.

Power BI Reconfiguration: Dashboards were seamlessly transitioned to Snowflake, optimizing query performance and reporting efficiency.

Testing & Validation: Data integrity, performance improvements and user acceptance were tested and validated at every step of the process.

Results & Benefits:

Improved Data Accessibility

Following the successful migration, GNCU realized **significant improvements** in data accessibility, performance and scalability:

Seamless Business Continuity

The migration ensured uninterrupted access to critical dashboards and reports.

Enhanced Query Performance

Improvement in Power BI report execution time.

Scalability & Flexibility

Snowflake's **cloud-native architecture** enables effortless scaling as data needs grow.

Optimized Data Management

ODS-based architecture and Datamart's simplified data consumption and analytics optimized the flow of data.
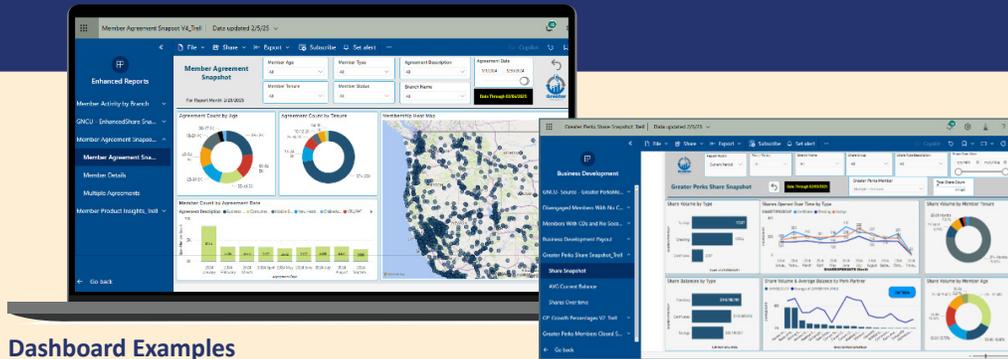
Reduced IT Overhead

Lower maintenance and operational complexity freed up IT resources for strategic initiatives.

Conclusion:

A High-Performance Data Environment

By partnering with **ProBridge**, GNCU successfully **modernized its data infrastructure,** ensuring business continuity while leveraging **Snowflake's power** for improved analytics. With a **scalable, high-performance data environment,** GNCU is well-positioned for **future data-driven innovation and growth.**

Dashboard Examples

Greater Nevada Credit Union

Uninterrupted access to dashboards and reports

Improved Power BI report execution time

Lower operational maintenance and complexity

ProBridge
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