

SQL Server for Energy

Modernize aging database infrastructure before performance bottlenecks and security gaps become operational risks.

EXECUTIVE SUMMARY

Your operations depend on databases that have not been updated in years. Queries that should return in seconds take minutes. End-of-month reporting slows every department. And the longer you wait, the more security risk you carry. Armely modernizes your SQL Server environment so your operations have the stable, fast, and secure database foundation they require.

THE BUSINESS PROBLEM

Many energy companies run critical operations on aging database infrastructure. Reporting queries time out during peak periods. ERP integrations become unstable. IT staff spend significant hours each month patching and maintaining systems that passed their support lifecycle years ago. Older SQL Server versions lack modern security features, performance optimization tools, and cloud connectivity.

HOW ARMELY SOLVES IT

Armely helps your IT and operations teams **reduce downtime risk and reporting bottlenecks** by using **SQL Server modernization** to upgrade aging database infrastructure, improve query performance, and close the security gaps that end-of-life software creates. Your operations get a stable, fast, and secure database foundation that supports your business instead of slowing it down.

BUSINESS OUTCOMES

- Reduce query execution times by **40 to 60%**
- Eliminate end-of-life software security exposure within **90 days**
- Achieve compliance with current data security standards
- Enable cloud connectivity for future Azure migration
- Reduce unplanned downtime with proactive database monitoring

Industry Scenario

Operations Reporting — Oil and Gas

An oil and gas company running SQL Server 2012 for operations reporting experiences daily slowdowns during end-of-month close. After upgrading, month-end reporting time drops from 8 hours to 90 minutes. The IT team eliminates 15 hours per month of manual maintenance and closes the security gaps identified in the prior audit.

WHY THIS MATTERS NOW

Microsoft has ended security support for older SQL Server versions. Running unsupported software creates audit findings and real vulnerability to attack. Waiting does not reduce the risk, it compounds it. Modernization now also positions you for cloud migration, AI readiness, and the performance gains your teams have been waiting for.

RECOMMENDED NEXT STEP

Schedule a SQL infrastructure review with your IT manager this week. If you want Armely to run that review with you, contact us at info@armely.com or **972-460-0643**. We can turn around a findings report within **5 business days**.