

SQL Server for Healthcare

Modernize database infrastructure to meet HIPAA requirements and eliminate billing system bottlenecks.

EXECUTIVE SUMMARY

Your clinical, billing, and operational data live in databases that are years out of date. Performance bottlenecks slow your billing system during peak periods. And your current setup creates HIPAA exposure your compliance team may not fully see. Armely modernizes your SQL Server environment with healthcare compliance in mind, faster systems, proper encryption and audit controls, and documentation your compliance team can stand behind.

THE BUSINESS PROBLEM

Healthcare organizations store critical patient, billing, and operational data in database systems that often have not been updated in years. Slow performance during high-traffic periods delays billing submissions and clinical reporting. Security and audit controls in older versions do not meet current HIPAA standards. HIPAA enforcement is increasing, with fines tied directly to inadequate data security controls.

HOW ARMELY SOLVES IT

Armely helps your IT and compliance teams **eliminate HIPAA database gaps and improve billing system performance** by using **SQL Server modernization** to upgrade to a supported version, configure encryption and audit controls, and optimize database performance for your clinical and revenue cycle workloads. Your compliance team gains a documented, defensible configuration they can present to auditors with confidence.

BUSINESS OUTCOMES

- Achieve HIPAA-required encryption and auditing standards within **90 days**
- Reduce database query times by **40 to 50%**
- Eliminate end-of-life software risk
- Improve billing system performance during peak submission periods
- Create a documented, audit-ready database configuration

Industry Scenario

Billing Operations — Physician Group

A physician group running billing operations on SQL Server 2014 experiences daily slowdowns during claim submissions. After modernization, claim processing improves by 55%. An internal compliance audit finds no remaining HIPAA-related database gaps. The billing team reports their slowest period now outperforms their previous best.

WHY THIS MATTERS NOW

HIPAA enforcement is increasing, with fines tied directly to inadequate data security controls. Outdated database infrastructure is one of the most frequently cited findings in healthcare compliance audits. The cost of a breach including notification, remediation, and regulatory penalties far exceed the cost of modernization.

RECOMMENDED NEXT STEP

Schedule a SQL compliance review with your IT manager or compliance officer 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**.