

SQL Server for Manufacturing

Modernize database infrastructure to unblock ERP integration, improve reporting speed, and close security gaps.

EXECUTIVE SUMMARY

Your ERP, production, and quality data depend on database infrastructure that has not kept pace with your operations. Slow reporting delays decisions. Outdated software creates security risk, and integration with modern tools is difficult on legacy database versions. Armely modernizes your SQL Server environment, so your reporting runs faster, your ERP integrations are stable, and your database no longer holds your operations back.

THE BUSINESS PROBLEM

Manufacturing companies store production, quality, and financial data in database systems that are often significantly out of date. End-of-month reporting takes hours longer than it should. ERP integrations require workarounds. IT staff spend time maintaining systems that have long since passed their support lifecycle. Legacy databases create reporting bottlenecks during production reviews and month-end close.

HOW ARMELY SOLVES IT

Armely helps your IT and operations teams **eliminate reporting bottlenecks and unblock ERP integration** by using **SQL Server modernization** to upgrade your database infrastructure to a current, supported version optimized for manufacturing workloads. Your reporting runs faster, your ERP connects cleanly to analytics tools, and your database stops being the reason your operations slow down.

BUSINESS OUTCOMES

- Reduce end-of-month reporting time by **40 to 50%**
- Eliminate end-of-life software security risk
- Improve ERP and analytics platform integration
- Reduce database maintenance burden on IT staff
- Enable cloud connectivity for future Azure migration

Industry Scenario

ERP Reporting Performance — Process Manufacturer

A process manufacturer running production data on SQL Server 2012 upgrades to a current version. ERP reporting that previously took 4 hours now completes in 45 minutes. The IT team eliminates 20 hours per month of manual maintenance. The operations team can now connect their production database to their new analytics platform without workarounds.

WHY THIS MATTERS NOW

Modern ERP platforms and analytics tools require current database infrastructure to function properly. Manufacturers running legacy databases are blocked from operational AI, predictive maintenance, and real-time forecasting tools. Database modernization is the prerequisite for the capabilities your competitors are already deploying. Every quarter of delay widens the gap.

RECOMMENDED NEXT STEP

Schedule a SQL performance 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**.