

Cloud Migration for Manufacturing

Move ERP and operations systems to Azure to reduce infrastructure cost and eliminate production continuity risk.

EXECUTIVE SUMMARY

Your ERP, production, and administrative systems run on on-premises servers that require capital investment to maintain and cannot scale during demand surges. A hardware failure during a production run creates immediate financial impact. Armely migrates your manufacturing infrastructure to Microsoft Azure. With the migration, your systems become scalable, your disaster recovery becomes reliable, and your remote teams get secure access.

THE BUSINESS PROBLEM

Manufacturing companies carry the cost and operational risk of on-premises server infrastructure for ERP, analytics, and administrative systems. Hardware replacement cycles require capital budget that competes with production investment. Remote access for engineering and sales teams is often insecure. Disaster recovery is rarely tested under realistic conditions. A hardware failure during a production run creates direct financial impact.

HOW ARMELY SOLVES IT

Armely helps your organization **reduce infrastructure cost and eliminate production continuity risk** by moving your ERP, analytics, and administrative systems to **Azure** with a staged migration plan designed around your production calendar. Your teams gain scalable capacity, reliable disaster recovery, and secure remote access — without putting capital budget into aging hardware.

BUSINESS OUTCOMES

- Reduce infrastructure costs by **20 to 30%**
- Eliminate hardware refresh cycles and associated capital expenditure
- Achieve **99.9% uptime** through Azure built-in redundancy
- Enable secure remote access for engineering, sales, and supply chain teams
- Improve disaster recovery from **days to hours**

Industry Scenario

ERP and Administrative Migration — Contract Manufacturer

A contract manufacturer migrates its ERP and administrative systems to Azure. Infrastructure costs drop by 27%. During a planned facility maintenance shutdown, staff and engineers continue working remotely without service interruption. A subsequent disaster recovery test passes on the first attempt — something the team had never achieved with their on-premises setup.

WHY THIS MATTERS NOW

Supply chain disruptions have made business continuity a board-level priority. Manufacturing companies still relying on aging on-premises infrastructure are one hardware failure away from a production shutdown. Cloud migration removes that risk and positions your operations for the AI and analytics tools your competitors are already deploying.

RECOMMENDED NEXT STEP

Schedule a cloud readiness review with your IT director 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**.