



AKITA

MICROSOFT AI FOR MANUFACTURING

Strategic AI Transformation Delivered With Akita

Manufacturers are under increasing pressure to improve efficiency, reduce operational risk, modernise legacy systems, and respond faster to changing market demands. AI is rapidly becoming a key differentiator in achieving these goals.

As a technology partner, Akita helps manufacturers adopt and operationalise Microsoft AI technologies to improve productivity, strengthen resilience, and unlock better decision-making across operations, engineering, supply chain, and frontline teams. Using **Microsoft Azure**, **Microsoft Dynamics 365**, **Microsoft Fabric**, **Microsoft 365 Copilot**, and **Industrial IoT technologies**, we help organisations create connected, intelligent manufacturing environments built for long-term growth.

How Akita Supports Manufacturers

Akita provides end-to-end consultancy and support for manufacturers looking to adopt AI and modern Microsoft technologies. Our solutions include:

AI Readiness Assessments

Evaluate your current environment and identify where AI and Microsoft technologies will deliver the greatest operational value.

Microsoft Azure Infrastructure & Migration

Modernise and migrate infrastructure to a secure, scalable Azure cloud environment built for manufacturing workloads.

Microsoft 365 Copilot Deployment

Deploy AI-powered productivity tools securely across engineering, operations, finance, and frontline teams to drive increased efficiency.

Dynamics 365 Implementation

Implement and optimise Dynamics 365 to connect operations, supply chain, customer service, and finance to deliver better results.

Data Integration & Reporting

Consolidate manufacturing data and build real-time dashboards and analytics using Microsoft Fabric, Dynamics 365 and Power BI.

Industrial Connectivity & IoT

Connect factory systems and operational technology to business applications for unified operational visibility, supporting smarter decision making.

Cyber Security & Compliance

Strengthen resilience with managed security services, Microsoft Defender, and governance support.

Managed IT Support & Consultancy

Ongoing strategic IT support aligned to your operational and commercial objectives.

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Key Manufacturing Challenges We Help Address

Disconnected Systems

Operational inefficiencies caused by siloed systems and fragmented data across the business.

Rising Costs & Production Pressure

Increasing pressure to reduce costs while maintaining output quality and speed.

Limited Operational Visibility

Lack of real-time insight across operations, supply chains, and performance metrics.

Unplanned Downtime

Equipment failures and production stoppages impacting delivery and customer commitments.

Cyber Security Threats

Growing exposure to cyber attacks targeting increasingly connected manufacturing environments.

Skills Shortages

Workforce pressures and difficulty attracting and retaining skilled operational and technical staff.

Underutilised Data

Valuable manufacturing data exists but is difficult to access, consolidate, or act upon.

Intelligent Manufacturing With Microsoft AI



Connected Factory Operations

We help manufacturers connect factory systems, operational technology, and business applications into a unified platform – enabling real-time visibility, AI-powered analytics, predictive maintenance, and improved production efficiency.



AI-Powered Productivity

Microsoft Copilot and AI tools deployed securely across engineering, operations, customer service, finance, and frontline teams – enabling AI-assisted reporting, automated workflows, and reduced administrative overhead.



Manufacturing Data & Analytics

Using Microsoft Fabric, Power BI, Azure, and Dynamics 365, we help consolidate manufacturing data, improve reporting accuracy, create real-time dashboards, and enable AI-driven insights for faster decision-making.



Cyber Security & Operational Resilience

Managed cyber security services including Microsoft Defender, network monitoring, access control, backup and disaster recovery, and compliance support to reduce operational risk.

Why Work With Akita

Akita combines strategic technology consultancy, proactive support, advanced cyber security, and resilient infrastructure services to help manufacturers reduce operational downtime, improve productivity, and strengthen collaboration across the workforce.

By integrating secure, scalable technology with industry-focused expertise, Akita enables organisations to gain greater visibility across operations, streamline processes, support compliance, and make faster, data-driven decisions.

The result is a more connected, efficient, and resilient manufacturing environment that delivers stronger operational performance and greater long-term return on technology investment.

Crown
Commercial
Service
Supplier

 Microsoft
Solutions Partner

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