

Addewa & Microsoft: Innovation That Accelerates and Automates

Overview

Addewa's Microsoft practice delivers secure cloud platforms, business process automation, and disciplined software delivery for government organizations.

We work with Microsoft to establish compliant Azure foundations that support innovation and rapid delivery, automate complex business processes using low-code and intelligent agents, and accelerate custom software development through AI-assisted engineering practices.

These capabilities are delivered as an integrated model. Cloud foundations provide control and consistency. Automation reduces operational friction. AI-assisted development improves delivery throughput without weakening governance. Together, they enable agencies to modernize at scale while maintaining security, accountability, and operational confidence.

Compliant Cloud Platforms

Addewa designs and deploys Azure environments using a platform-first model. Cloud foundations are implemented through Infrastructure as Code and maintained through a defined operating model so they remain consistent as programs scale.

These foundations typically include standardized patterns for identity, networking, subscriptions, monitoring, and security controls. Governance is applied centrally and enforced through policy, reducing reliance on manual reviews and one-off exceptions.

This model supports:

- Repeatable deployment of compliant environments across programs
- Controlled evolution of the platform as requirements change
- Reduced configuration drift and improved audit readiness
- Clear separation between platform ownership and workload teams

The objective is not just initial compliance, but sustained operational control over time.



Policy-Driven Governance and Continuous Control

Governance is treated as an engineering concern, not a documentation exercise.

Security, cost, and operational policies are defined once and applied consistently across environments. Preventive guardrails are used to limit non-compliant configurations, while monitoring and reporting provide visibility into drift, orphaned resources, and cost exposure.

This allows teams to move quickly within defined boundaries, while platform owners retain confidence that environments remain aligned to organizational and regulatory requirements.

Business Process Automation With Power Platform

With secure foundations in place, Addewa uses **Microsoft Power Platform** to automate operational and mission workflows.

Automation efforts focus on processes that benefit from consistency, traceability, and reduced manual effort, such as approvals, intake, reviews, and internal operations. Workflows are designed to preserve human decision points where required and to produce clear audit trails.

Solutions are built to be supportable by government teams and to evolve as policies and processes change, rather than becoming brittle point solutions.

AI-Assisted Professional Software Delivery

Addewa applies AI selectively to reduce friction in professional software delivery.

Using tools such as **GitHub Copilot**, we automate activities that slow delivery teams down and are difficult to scale consistently, including documentation, unit test scaffolding, and review support.

Architecture, design decisions, and implementation ownership remain with accountable engineers. AI is used to improve consistency and throughput in supporting activities, not to bypass engineering discipline.

This approach improves delivery velocity while maintaining quality, traceability, and control.



Built for Regulated Environments

This delivery model aligns with how federal IT organizations operate.

Platforms are standardized and managed centrally. Governance is enforced through policy rather than manual intervention. Automation is introduced incrementally and remains observable and auditable. Development practices prioritize consistency and maintainability over shortcuts.

The result is modernization that can scale across programs without increasing operational risk.

