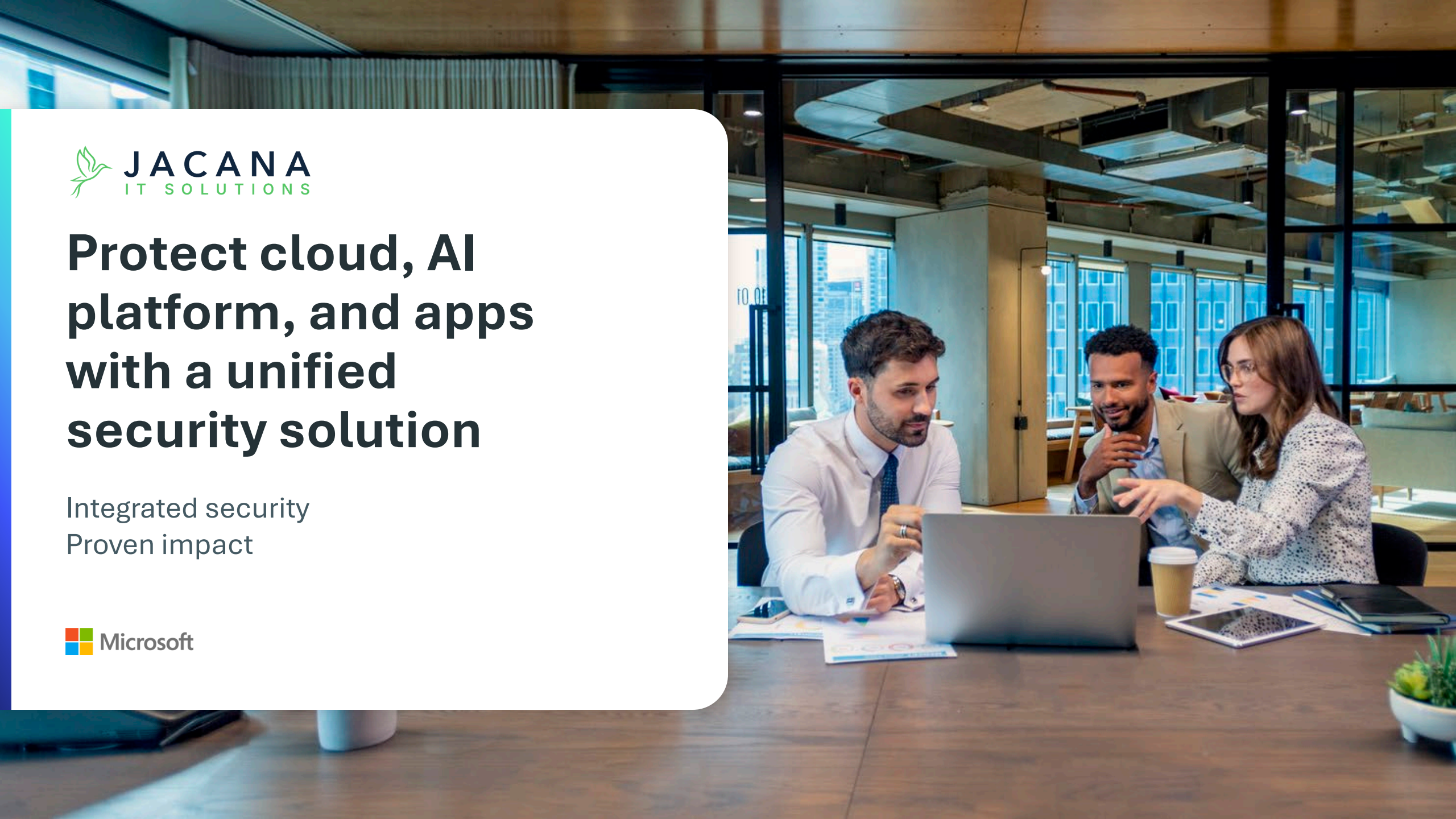

JACANA
IT SOLUTIONS

Protect cloud, AI platform, and apps with a unified security solution

Integrated security
Proven impact

Microsoft

Securing the next generation of innovation

Cloud and AI technologies are unlocking new levels of innovation, but they can also bring new complexities. As organizations embrace large language models (LLMs), cloud environments, and AI-powered applications, the responsibility to safeguard digital assets, ensure compliance, and manage risk is more critical than ever.

The Microsoft unified platform approach helps security teams stay ahead of risk without slowing innovation. Empowering not only modern security operations (SecOps) teams but also infrastructure and development teams, the platform unifies security and governance across your full cloud and AI app lifecycle. Jacana IT Solutions together with Microsoft, streamlines security and governance across your cloud and AI landscape—delivering unified visibility, protection, and compliance.

USD5.6 million[1]

SecOps productivity savings of USD5.6 million over three years.

117%[1]

117% ROI over a three-year period



1. The Total Economic Impact of Microsoft Defender for Cloud, a commissioned study conducted by Forrester Consulting, 2025. Results are for a composite organization based on interviewed customers.



Discover and prevent risks proactively

Stop threats before they reach production.

Security must begin well before deployment. Microsoft Defender for Cloud offers unified visibility across cloud and multi-AI environments integrating signals from infrastructure, workloads, APIs, data, and services. It helps SecOps and development teams identify misconfigurations, prevent threats, and remediate early using AI-driven tools.

Increase cloud security fidelity with 50% reduction false positives.[1]

Achieve greater productivity with 28,000 hours saved in investigation and remediation over three years.[1]

1. The Total Economic Impact of Microsoft Defender for Cloud, a commissioned study conducted by Forrester Consulting, 2025. Results are for a composite organization based on interviewed customers.

CUSTOMER STORY

Securing generative AI in the automotive industry

Mia Labs used Azure OpenAI and Defender for Cloud to deliver a secure conversational AI agent that reimagines the car dealer experience.

- Resisted multiple **jailbreak attempts** with built-in detection and response
- Avoided **costly IT audits** using advanced threat intelligence in Defender for Cloud
- Benefited from **contextual AI posture management** and real-time runtime protection

Read the full customer story

Key capabilities:

Risk prioritization:
Contextual attack path analysis identifies and surfaces high-impact vulnerabilities across cloud workloads, APIs, and data stores.

Posture management:
Automated insights help detect misconfigurations and security risks across leading in AI services, including Azure OpenAI, Amazon Bedrock, and Google Vertex AI.

Security copilot:
Natural language prompts enable teams to quickly assess risks, generate remediation steps, and assign fixes directly at the source (Microsoft Defender and Microsoft Purview integration).

AI app dev security:
Integrates AI red teaming and Azure AI Foundry evaluations to identify jailbreak attempts, wallet abuse, and prompt injection risks early in the development lifecycle.

Key capabilities:

Threat detection and response:
Identify prompt injection, model abuse, and data leakage in real time using alerts powered by Microsoft Azure AI Content Safety, threat intelligence, and anomaly detection.

Threat correlation:
Integrate with Microsoft Defender XDR to understand attack scope and respond quickly.

Risk-based access control:
Dynamically restrict data access based on user behavior and intent to prevent insider threats and data exfiltration.

Data loss prevention:
Discover, classify, and label sensitive data with over 300 data classifiers across your cloud and AI environments using Microsoft Purview.

CUSTOMER STORY

Protecting a complex cloud environment

Rabobank secured its hybrid, cloud infrastructure across 38 countries and improved compliance by consolidating vendors and adopting Microsoft Defender for Cloud.

- Replaced **over 20 vendors with four**, reducing complexity and cost
- Improved **compliance tracking** using CIS benchmarks within Defender for Cloud
- Saved **EUR400,000** by replacing standalone threat and vulnerability tools

Read the full customer story

Protect against threats and data leaks

Stay ahead of attacks with real-time detection and response.

In a threat landscape where attackers may exploit AI models and cloud workloads, real-time detection and response is essential. Defender for Cloud integrates with Microsoft Purview and Azure AI Content Safety to offer comprehensive protection against advanced threats and insider risks.

More than 28,000 hours of investigation and remediation avoided.[1]

1. The Total Economic Impact of Microsoft Defender for Cloud, a commissioned study conducted by Forrester Consulting, 2025. Results are for a composite organization based on interviewed customers.



Govern and comply with regulatory requirements

Ensure compliance across cloud and AI environments.

Governance is about maintaining trust, transparency, and accountability in a rapidly evolving regulatory landscape. Assess, enforce, and strengthen your cloud and AI compliance with a unified platform that helps your business stay ahead of regulations and standards, including compliance across 300 global regulations for data and AI such as the EU AI Act.

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USD857,000 saved by streamlining compliance and avoiding audit fees[1]

A reduction of 10% in incidents needing response that would not have been caught in prior environment[1]

1. The Total Economic Impact of Microsoft Defender for Cloud, a commissioned study conducted by Forrester Consulting, 2025. Results are for a composite organization based on interviewed customers.

CUSTOMER STORY

AI governance from build to run

KPMG adopted Microsoft Defender for Cloud and Microsoft Purview to secure AI apps and data across a complex environment, enabling a scalable, secure-by-default approach to innovation.

- Addressed **8 of 10 Open Worldwide Application Security Project (OWASP)** Top AI threats, including prompt injection and data poisoning
- Gained centralized visibility and threat detection across AI apps with Microsoft Purview and Defender Cloud Security Posture Management
- Reduced cost and complexity by consolidating onto the Microsoft unified platform

Watch the customer story

Key capabilities:

Continuous compliance monitoring:
Assess your cloud security posture against more than 450 global standards and frameworks, including CIS and the EU AI Act.

Azure AI Foundry integration:
Auto-assess risks and push evaluation results into Microsoft Compliance Manager for mitigation tracking.

Built-in audit and eDiscovery tools:
Centralize compliance signals and streamline investigations with the Microsoft Purview audit and discovery capabilities.

Dev-to-compliance integration:
Connect AI app development workflows directly to Purview APIs for real-time policy enforcement and auditability.

Protect your cloud and AI assets with unified security

Traditional security boundaries continue to shift in the current evolving cloud and AI landscape. Organizations face increasingly complex risks, but they also have new opportunities to strengthen protection across their digital estate. The Microsoft unified SecOps platform powered by Defender for Cloud and integrated with Microsoft Purview, XDR, and Azure AI enables you to secure your entire digital estate, from code to cloud, proactively and intelligently.

Jacana IT Solutions can deliver tailored advice and hands-on guidance on top of Microsoft Security solutions ensuring implementations align with your industry, compliance requirements, and cloud environment.



Contact Jacana IT Solutions to learn more and schedule an Envisioning workshop.



Work with Jacana IT Solutions to extend the value of Microsoft Security through hands-on support and advisory services tailored to your regulatory requirements, industry challenges, and cloud environment.

Jacana IT Solutions has the expertise to help you secure your cloud and AI environments with Microsoft Security.