Microsoft Security

The Decision-maker's Guide to Comprehensive Security

Key strategies for protecting your organization today

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Security that works for you, not your vendor

Comprehensive security shouldn't constrain—it should enable. When security solutions are rigid or complex, organizations struggle to innovate and adapt. You need security that works for your organization, not the other way around.

Microsoft Security delivers security that fits—your team, your future, and your AI investments. By combining comprehensive protection with flexibility, speed, and agility, Microsoft empowers you to stay ahead of evolving threats while achieving measurable outcomes.

Your team

Up to 47% more efficient security operations[1]

Boost productivity by automating time-consuming tasks and freeing up your team for strategic initiatives.

Your future

72% reduced breach risk[2]

Gain peace of mind with proactive risk mitigation and comprehensive threat intelligence.

Your AI investments

80% of business leaders cite data leakage as their top AI concern[3]

Prevent sensitive data exposure and build a foundation for trustworthy AI.

Achieve more with Microsoft Security

More integration	Upgrade your security without disrupting your current infrastructure.
More efficiency	Streamline operations and boost team efficiency with AI-powered automation.
More visibility	Gain complete visibility across your attack surface to respond with confidence.
More preparedness	Stay ahead of emerging threats with future-ready solutions and governance.

This guide explores how Microsoft Security delivers on these promises, helping you to build a resilient security posture that protects your business today—and prepares you for tomorrow.

More value

Comprehensive protection doesn't have to mean higher costs. A unified security platform can reduce the total cost of ownership by up to 60% compared with managing multiple point solutions.[4]

> "Our engineering team previously spent most of its time trying to integrate disconnected systems. We wanted protection and visibility everywhere. Now we have single pane of glass visibility across our hybrid and multicloud environment."
>
> **Raoul van der Voort**
> Global Service Owner, Cyber Defense Center, Rabobank

Learn how Rabobank decreased security vendors from more than 20 to four while strengthening its security posture. Read customer story.

Integrated security: Maximizing your investments

Fragmented tools create inefficiencies and blind spots. With Microsoft Security, you can seamlessly integrate security across your ecosystem, maximizing existing investments while reducing complexity.

Maximize your investments

Avoid costly rip-and-replace upgrades by leveraging pre-built connectors and integrations that work with your existing tools.

> Pre-built connectors for Azure, AWS, GCP, and 350+ security tool integrations unify defenses and maximize the value of existing investments.

Tailor solutions to fit your needs

Customize security to meet your unique requirements with flexible, API-based architecture and pre-built solutions.

> 300+ pre-built data sensitivity classifiers enable tailored integrations to meet specific requirements.

Future-proof your security infrastructure

Scale effortlessly as your organization grows, with support for evolving integrations, massive data volumes, and emerging technologies.

> Grow your security infrastructure with a **Zero Trust** approach that reduces vulnerabilities through least-privilege access, automated threat response, and seamless integration.

Integration in action: How ING unified global security

Fractured tooling was holding ING back.[5] Managing security across 40+ countries with disconnected systems left the global bank grappling with inefficiencies, blind spots, and vulnerabilities. To regain control and strengthen its global security posture, ING needed a unified solution to streamline operations and maximize existing IT investments without costly replacements.

By adopting Microsoft's integrated security solutions, ING consolidated its IT landscape for centralized visibility and proactive threat detection. Pre-built connectors enabled seamless integration across multicloud environments, while Microsoft Sentinel analyzed logs to quickly identify threats. This unified approach improved efficiency, enhanced visibility, and virtually eliminated phishing attacks—empowering ING to reduce complexity, optimize spending, and focus on strategic initiatives.

> "We've made Microsoft Sentinel our primary source for analytics. Compared with our previous on-premises SIEM, Microsoft Sentinel isn't only fast to set up and seamless to use—it's very scalable."
>
> **Piotr Pociecha**
> Product Owner, ING

Strengthen your security posture with seamless integration

Learn how Microsoft Security can help you unify defenses, reduce vulnerabilities, and maximize existing investments with Zero Trust principles and secure identity management.

Explore Microsoft Zero Trust solutions

Explore Microsoft identity and network access solutions

Seamless operations: Boosting efficiency with AI

Repetitive tasks can keep security teams from strategic work. With Microsoft Security's AI-powered automation, you can streamline operations for faster response and smarter collaboration.

Accelerate threat hunting

Investigate threats faster with AI-powered insights that surface critical issues in real time.

> For security novices, Security Copilot improves remediation accuracy by 43%[6] and reduces the time spent on incident response by 19%.[7]

Automate workflows

Minimize incident impact by automating repetitive security tasks, freeing up your team for strategic initiatives.

> Security professionals using Copilot completed tasks 22% faster overall,[8] including a 39% improvement in incident summarization.[9]

Unify global teams

Enhance collaboration across teams with streamlined communication, multilingual support, and shared insights.

> Unified security solutions reduce time to investigate threats by 65% and time to respond to threats by 88%, enabling security teams to act faster and focus on high-value work.[10]

Seamlessness in action: How WTW transformed its SOC with AI

Legacy tools were slowing WTW down.[11] Disconnected systems across its global operations made it harder to respond to threats, inflated costs, and created inefficiencies that held security teams back. To simplify workflows and empower analysts for strategic work, WTW needed a unified platform powered by AI.

WTW deployed Microsoft Sentinel and Defender for Endpoint, consolidating legacy tools into a single platform. With Microsoft Security Copilot, analysts accelerated threat hunting using natural language queries, resolving incidents faster without relying on specialized skills. By reducing SIEM data ingestion from 15 terabytes to less than three, WTW saved $5–6 million annually while improving collaboration and streamlining operations.

> "The ability for our teams to ask questions in natural language in Security Copilot, rather than using KQL queries, allows a different type of SOC analyst to mature. That's a game changer in an industry where security skills are scarce."
>
> **Paul Haywood**
> Chief Information Security Officer, WTW

Streamline your security operations with AI-powered tools

Learn how Microsoft Security simplifies workflows, accelerates threat response, and protects your organization with cutting-edge AI-powered cybersecurity and endpoint management solutions.

Explore Microsoft unified SecOps solutions

Explore Microsoft AI-powered cybersecurity solutions

Thorough protection: Gaining full visibility across threats

You can't defend against what you can't see. With Microsoft Security, you gain comprehensive visibility across your attack surface to take decisive action against threats.

Gain full visibility

Improve visibility across your attack surface, including AI environments, multicloud platforms, and hybrid systems.

> Drowning in alerts? Microsoft Defender for Cloud intelligently prioritizes threats and cuts false positives by 50% across your attack surface.[12]

Prioritize critical threats

Focus resources where they matter most with real-time risk assessments informed by Microsoft's advanced threat intelligence.

> Microsoft analyzes 84 trillion signals daily to provide unmatched visibility into threats across on-premises, cloud, and hybrid environments.[13]

Respond decisively

Minimize downtime, data loss, and recovery costs with automated threat resolution that accelerates response times.

> Automated response capabilities accelerate threat resolution by up to 88%, reducing recovery costs and minimizing disruption.[14]

Visibility in action: How Oregon State University gained comprehensive threat detection

Blind spots left OSU vulnerable.[15] Aggressive cyber threats targeting sensitive research and student data exposed gaps in their attack surface, culminating in a major cybersecurity incident in 2021. The university needed a unified solution to achieve full visibility and actionable insights to protect its institution.

OSU adopted Microsoft Sentinel and Defender to consolidate logs and detect unusual activities in real time. Automated responses helped prioritize critical threats, reducing daily open incidents from thousands to just 30. With improved visibility and faster mitigation, OSU safeguarded vital research, minimized downtime, and strengthened its reputation as a secure institution.

> "The types of threats that we're seeing, the types of events that are occurring in higher education, are much more aggressive by cyber adversaries. And since we've deployed Microsoft Defender and Microsoft Sentinel, we've seen a dramatic ability to detect these sorts of events and prevent many of them before they influence our institution."
>
> **David McMorries**
> Chief Information Security Officer, Oregon State University

Gain complete visibility and safeguard sensitive data

Learn how Microsoft Security helps you detect threats faster, prioritize risks, and protect critical assets across multicloud environments with cloud security and data protection tools.

Explore Microsoft cloud security solutions

Explore Microsoft data security solutions

Future-ready security: Preparing for what's next

Emerging threats demand proactive defenses. With Microsoft Security, you can anticipate risks, adapt to change, and govern effectively in a dynamic world.

Anticipate threats

Predict and prevent tomorrow's threats today with AI-powered insights and unmatched threat intelligence from Microsoft's global network.

> Microsoft tracks over 1,500 threat groups including 600+ nation-state actors, 300 cybercrime groups, and 200 influence operations groups through its global intelligence network.[16]

Adapt to change

Maintain a cutting-edge security posture that evolves with your organization, enabling agility in the face of shifting technologies and regulations.

> Organizations achieve 50% greater efficiency in identity and access management with Microsoft Entra, enabling teams to automate routine tasks and focus on strategic security initiatives.[17]

Govern effectively

Simplify compliance and risk management with automated governance tools and pre-built assessment templates tailored to your industry.

> Hundreds of pre-built regulatory templates streamline compliance across frameworks, reducing complexity and improving visibility.

Readiness in action: How Wipro strengthened security for the age of AI

Innovation at scale demands proactive security. For Wipro, a global IT leader operating across 65 countries, this challenge was amplified by their ambitious AI360 initiative—a $1 billion investment in artificial intelligence.[18] To lead confidently in the age of AI, Wipro needed a future-ready security strategy to protect sensitive data, adapt to emerging threats, and govern responsibly.

Wipro leveraged Microsoft Copilot to embed advanced security guardrails in their operations while training 200,000 employees on GenAI principles. Customized modules like GitHub Copilot for developers and Microsoft 365 Copilot for sales teams helped balance innovation with security. With improved risk management and accelerated incident response, Wipro positioned itself as a leader in the age of AI.

> "With Microsoft Copilot, we gain agility on our AI journey because so much of the security guardrails and technology framework are already in place. That helps us deliver value faster."
>
> **Saiprasad Jammulapati**
> Global Head of the Office of the CIO and CIO for Europe, Wipro

Build a future-ready security posture

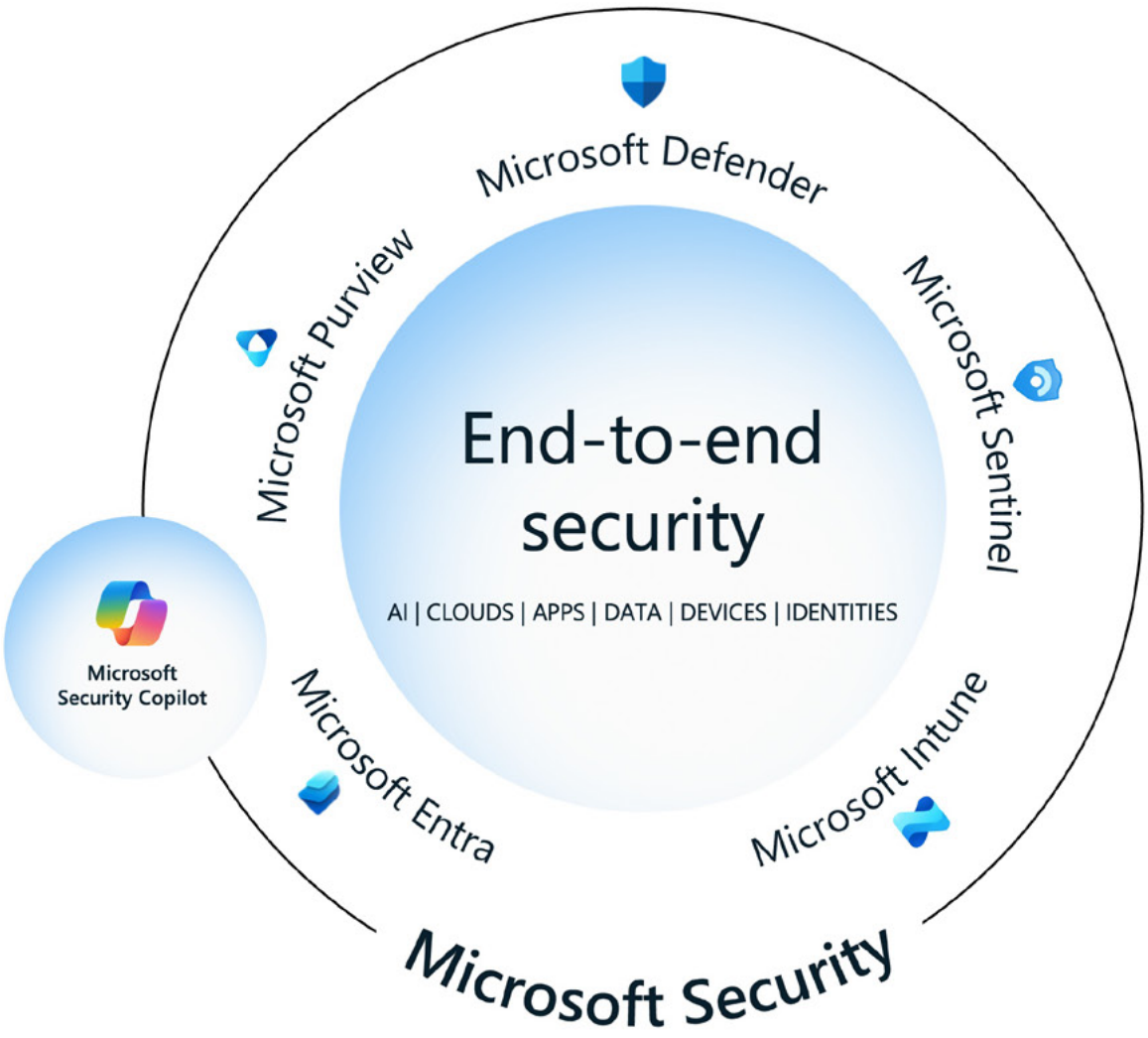
Learn how Microsoft Security empowers you to anticipate risks, adapt to change, and securely adopt generative AI with privacy and risk management tools.

Explore Microsoft privacy and risk management solutions

Explore Microsoft security for AI solutions

AI-first, end-to-end security for your organization

Microsoft delivers end-to-end security across your IT estate.



Microsoft Defender

Get ahead of threat actors with integrated threat protection that adapts to your environment. By unifying security across endpoints, clouds, apps, and identities, you gain the confidence to innovate while staying protected.

Microsoft Sentinel

See and stop cyberthreats with AI-powered insights that cut through complexity. This unified view across all your security data helps your team see more, respond faster, and stay ahead of evolving threats.

Microsoft Intune

Enable secure productivity with endpoint management that fits your workplace. Protect every device while giving users the flexibility they need to work their way.

Microsoft Entra

Build trust and enable innovation with secure access that fits your organization's needs. By preventing identity attacks and unifying access controls, you can confidently expand your digital capabilities.

Microsoft Purview

Take control of risk with data security and governance that adapt to your requirements. Protect sensitive information while maintaining the flexibility to support new initiatives and comply with regulations.

Microsoft Security Copilot

Empower your team with AI that enhances their expertise rather than replacing it. Transform how your security teams operate with insights that help them be more efficient and effective.

Comprehensive security that fits your future

In today's AI-driven enterprise, comprehensive security must balance thorough protection with operational agility. Microsoft Security delivers this balance through a unified approach that adapts to your organization's unique needs and priorities.

What's more, our integrated platform empowers you to optimize resources and build a scalable security foundation for the future. With Microsoft Security, you can confidently build and scale protection that fits your organization.

Ready to transform your security?

Explore Microsoft Security solutions to protect your business, including your valuable AI assets

Endnotes

1 "The Projected Total Economic Impact™ of Microsoft Security Copilot," page 4, Forrester, November 2024

2 "The Total Economic Impact™ of Microsoft Security," page 1, Forrester, 2023

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15 "Oregon State University protects vital research and sensitive data with Microsoft Sentinel and Microsoft Defender," Microsoft, March 2024

16 "Microsoft Digital Defense Report 2024," page 6, Microsoft, 2024

17 "The Total Economic Impact™ Of Microsoft Entra," page 2, Forrester, March 2023

18 "Wipro Invests USD $1 Billion in AI, Trains 200,000 Employees on GenAI Principles with Microsoft Copilot," Microsoft, March 2024