



Avanade and Microsoft Copilot for Security

Gain future-proofed protection with
advanced AI and Avanade expertise

Do what matters

Tackling today's security challenges with generative AI

Generative AI is transforming the future of work – freeing people from the mundane so they can be more productive and creative, and allowing them to bring greater ingenuity and critical thinking to their roles. In doing so, it's accelerating operations across organizations, and security is no exception. Speed is of the essence when it comes to staying ahead of modern cyberthreats, with [560,000 new pieces of malware](#) detected daily.

For overstretched security teams, generative AI is the superpower needed to upskill workers at speed and deliver outcomes in minutes instead of hours. At Avanade, we're already using Microsoft Copilot for Security to elevate our security operations, with simple natural language prompts helping to drive investigations, solve complex problems and draft concise incident summaries. And it's this practical experience with generative AI, alongside our expertise in Microsoft Security operations and administration solutions, that means we're uniquely placed to share our learnings and support your Copilot journey.



The security landscape today

The surge in cyberattacks and a global shortage of security talent, is making enterprises increasingly vulnerable and putting intense strain on existing resource. As threat actor tactics become more advanced, now is the time for organizations to take full advantage of the protections generative AI offers.

97%

have seen an increase in
cyber threats
since February 2022

[Source](#)

4,000

password attacks

are detected every second,
up from 579 two years ago

[Source](#)

72

minutes

on average for a phishing attack
to uncover private data

[Source](#)

**Just under
four million**

cybersecurity roles
unfilled globally

[Source](#)

Generative AI: The key to outpacing cybersecurity threats

With the velocity and intelligence of cyberattacks growing, organizations need to find innovative ways to stay ahead of threat levels and stay secure.

Generative AI holds the answer to relieving the burden on under-served teams. It expands their skills sets, bringing AI processing power to human ingenuity so businesses gain advantage over cybercriminals. Providing real-time visibility and context for potential threats, it gives teams the tools to investigate and mitigate them at speed, while adhering to the most advanced security practices.

Copilot for Security: Transforming enterprise for security

Copilot for Security will bring a step change to IT security as the first generative AI-powered, all-in-one security assistant platform.

Using insights and data from an organization's existing security tools and out-of-the-box Microsoft plug-ins, it:

- Delivers guidance uniquely tailored to each business
- Empowers users to detect hidden patterns, assess risk and process signals at machine speed
- Combats threats before they happen

This helps security and data professionals close the talent gap and overcome the challenge of disparate tools to anticipate and respond faster to threats.

As Microsoft's partner, and part of its Early Access Program, we're already reaping Copilot's benefits at Avanade – and we're bringing our learnings and expertise to our clients' solutions.

Unifying intelligence

Copilot for Security brings together Microsoft Sentinel and Microsoft Defender XDR, giving users a single incident experience and an end-to-end view of threats across their digital estate. With just one set of automation rules and playbooks enriched with generative AI, coordinating responses to attacks is easier and quicker. While unified hunting allows businesses to query all SIEM (security information and event management) and XDR (extended detection and response) data in one place to uncover cyberthreats and take appropriate remediation action.

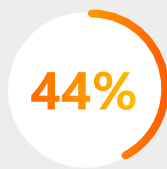
Operational results from early access to Copilot for Security¹ have been overwhelmingly positive, with:



rise in productivity for 'new-in-career' analysts



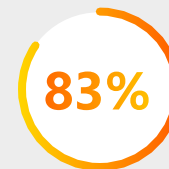
time saving on core security operations tasks



increase in accuracy



speed boost for generated results



of respondents saying Copilot reduced the effort needed to complete a task



planning to use Copilot the next time they perform the same task



Accelerating results for security teams

Security Administrators and Security Operations Analysts are facing increasing pressures. Supported by Microsoft's unique global threat intelligence, Copilot removes laborious manual tasks and gives them the skills and insight to drive successful security outcomes for the business.



Rapid incident response

In minutes, identify an attack, assess its scale, and start remediation based on real-world incidents.



Report on incidents at speed

Quickly summarize incidents and threats and prepare customized security reports.



Enhanced quality of life

Natural language prompts increase analyst engagement, retention and effectiveness, through Improved quality of life.



Hunt threats and vulnerabilities

Pinpoint vulnerabilities using simple natural language prompts that examine your IT environment for breaches.



Address talent shortages

Get analysts up to speed with engineered promptbooks, designed to bridge the skills gap.



Skill development unique to every organization

Teams can leverage in-house knowledge to train Copilot to meet specific needs and extend out-of-the-box capabilities.

Rapidly modernize your security operations with Avanade

At Avanade, we understand Copilot for Security. We use it every day within our organization to both improve our operations and leverage learnings to transform security for our clients.

The path to maximum value

Our expertise as an early adopter and builder of AI technology, and our collaboration with Microsoft, means we have the necessary tools, knowledge and experience to help you confidently and rapidly modernize your security operations with a tested approach to Copilot deployment.

1 Plan

We assess your current state and create a deployment plan, identifying where essential Microsoft Defender XDR and Sentinel deployment is needed.

2 Deploy

To begin your Security Operations Center (SOC) modernization, we rapidly deploy Copilot with roles-based access controls and test validation with out-of-the-box integrations.

3 Modernize

Our Transformation Factory turns your tried-and-tested runbooks into comprehensive prompts that Copilot can use to cut time-consuming manual tasks out of your workflows.

4 Manage, defend and evolve

Avanade's SOC team help you manage Copilot, leveraging its capabilities to proactively defend your IT environment, continually evolving the approach to maximize value and use to increase ROI.

Start your Copilot for Security journey

To embrace AI for your future security operations, there are steps you can take today in readiness for Copilot adoption. Should you need it, our end-to-end services can help you with this process and build a case for investment.



1 Become generative-AI literate

Begin generative AI fundamentals training within your teams, including essential prompt engineering basics.

2 Understand the technical pre-requisites

Copilot for Security works with other Microsoft security products to generate guidance, including Microsoft Defender XDR, Microsoft Sentinel, Microsoft Intune, Microsoft Entra, Microsoft Purview and Microsoft Defender for Cloud. The minimum requirements for use are Microsoft Defender for Endpoint and Microsoft Entra ID.

3 Identify your pain points

Look at the challenges and skills gaps within your SOC, teams and surrounding security services, such as Entra, Intune and Purview. Then map out Copilot's capabilities against these pain points to establish tangible outcomes and benefits.

4 Assess key stakeholders

This could be anyone in your SOC team, as well as those who manage Entra ID, Intune, Purview, and Defender for Cloud. Capture use cases by examining your top three manual processes and identifying the ways that Copilot can bring value to your teams in these areas.

5 Develop a business case

Estimate the time you could save with Copilot, attribute a monetary value to it and then forecast this across all of your manual SOC processes to develop ROI. Then look to the future and consider what strategic projects your team could unlock if you achieved the projected time and monetary savings.

Copilot for Security in action: Empowering Avanade's security team to move at machine speed

Through our early preview work with Microsoft, we've been utilizing the powers of Copilot for Security within our own business, and here's what we've found.

Avanade's security stance

As a business built around people with consultants and clients all around the world, protecting them is our priority. Working with a distributed workforce, the internet is our primary network, so we take a zero-trust approach to security. With our parent company, Accenture, we leverage a managed security service, plus we have an internal team that handles the escalations and management. This combined approach protects the 60,000 professionals that we have across the globe.

The Copilot value-add

Copilot has been used at every level of our security team, from senior analysts through to interns, helping to accelerate productivity. For senior analysts it's assisted with complex functions, like writing KQL query, or given them a new take on security challenges. While junior analysts have benefitted from natural language prompts to gain greater context and learn new skills, such as query assistance or script analysis, helping us to upskill teams at speed.

For new security threats, it's valuable in establishing vulnerabilities within our environment, quickly curating the information needed to make an informed decision about our next step. And, because Copilot is constantly learning and developing its knowledge store, it evolves with the future security needs of our business.



Video: Discover how we're unleashing Copilot for Security

In this interview, Greg Peterson, Avanade's Director of Security, Technology and Operations, discusses how we've been using Copilot to upskill and empower our security teams, allowing them to respond to threats with agility.

Watch video



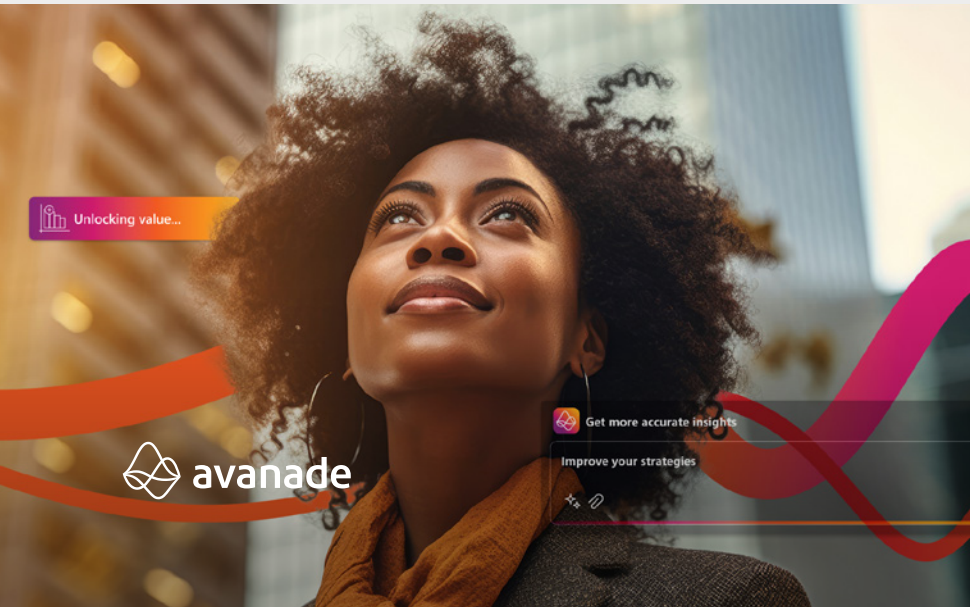
"Copilot for Security will be critical in helping us close the talent-gap, helping junior analysts get up to speed more quickly and free up time by allowing more senior team members be more effective."

Greg Petersen,
Senior Director of Security Technology
& Operations, Avanade

Avanade, leading the field in Copilot for Security adoption

As members of **Microsoft's Design Advisory Council for Copilot for Security**, we have a deep understanding of how the technology works and how to get the best from it. Together with Microsoft, we've helped shape its functionality, ensuring it has the capabilities and features to protect our clients from ever evolving cyberthreats – now and into the future.

Our holistic approach, combining advisory, consulting and managed security, is complemented by an in-depth knowledge of AI learned from our work across 6000+ AI projects for over 350 clients. This means we can help you create genuine human impact with Copilot protecting your customers, employees and data.



Awards



- 2x** Microsoft Security Zero Trust champion
- 18x** Microsoft Global Systems Integrator Partner of the Year
- 90+** Partner of the Year awards
- 60,000+** Microsoft certifications – more than any other partner
- MISA** Member of the Microsoft Intelligent Security Association

Microsoft Advanced Specializations



- Cloud Security
- Information Protection & Governance
- Microsoft Threat Protection
- Identity & Access Management

End-to-end services



- Security Advisory
- Security Consulting
- Managed Security Services

Start your Copilot for Security journey, today

Avanade can give you an in-depth understanding of the value Copilot for Security can bring to your business. We start by working with your security team to discover your business need and identifying the Copilot and Microsoft capabilities that can help. Then we take a deep dive into your pain points, creating a proposal for deployment and ongoing support.

Step 1

Learn & Discuss: 1 to 2 hours

Find out how to get started with Copilot for Security, including our exclusive demonstration and readiness assessment.

Step 2

Copilot for Security workshop: 2 hours

In this free workshop, we identify your top three SOC pain points and manual investigation processes and show you how they can be transformed with generative AI. You'll come away with a detailed roadmap outlining how to deploy and modernize your SOC with Copilot for Security.

Step 3

Deploy & Modernize: 6 weeks to 6 months

With our expert support and guidance, we make your deployment plan a reality.

Imagine what you will do with AI

Take the first step on your Copilot for Security journey. Contact us to find out more about Copilot or to book your free two-hour workshop.

Start now





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About Avanade

Avanade is the leading provider of innovative digital, cloud and advisory services, industry solutions and design-led experiences across the Microsoft ecosystem. Every day, our 60,000 professionals in 26 countries make a genuine human impact for our clients, their employees and their customers.

We have been recognized, together with our parent Accenture, as Microsoft's Global SI Partner of the Year more than any other company. With the most Microsoft certifications (60,000+) and 18 (out of 18) Gold-level Microsoft competencies, we are uniquely positioned to help businesses grow and solve their toughest challenges.

We are a people first company, committed to providing an inclusive workplace where employees feel comfortable being their authentic selves. As a responsible business, we are building a sustainable world and helping young people from underrepresented communities fulfill their potential.

Majority owned by Accenture, Avanade was founded in 2000 by Accenture LLP and Microsoft Corporation.

Learn more at www.avanade.com.

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Do what matters