

Microsoft Copilot for Security

The right tool at the right time



While navigating the ever-changing cyberthreat landscape is difficult, organizations also face security challenges from within:

92%

of organizations report having skills gaps*

1000+

alerts received daily by an average security operations center (SOC)

80

average number of tools used by an organization to manage their cybersecurity

Introducing generative AI for cybersecurity

Build a streamlined, effective defense with Copilot. An AI assistant for daily cybersecurity and IT operations, it brings new efficiencies to manual, laborious processes and places advanced skills within reach of even junior staff members.

Catch what others miss

Analyze threat signals and security alerts, spotting patterns at machine speed to reduce alert fatigue while flagging actual cyberthreats in real time.

Outpace cyberattackers

Address security incidents and perform typical security operations tasks like alert triage and reports in minutes—not days.

Strengthen team expertise

Empower junior staff to handle advanced tasks so senior staff can focus on more complex issues.

Explore how Copilot saves time and improves your team's effectiveness—no matter their skill level



reduction in time to publish a threat report with Copilot*

- Write Kusto Query Language (KQL) queries with natural language**
 Construct KQL queries in natural language and receive customized output.
- Generate incident reports in minutes**
 Summarize security incidents and investigations in shareable, customizable reports.
- Outsmart sophisticated scripts**
 Analyze and reverse-engineer scripts and then receive step-by-step guidance to remediate them.
- Accelerate cyberthreat hunting**
 Build hunting queries in natural language to quickly identify and investigate suspicious behavior or compromised devices.

Reduce burnout and retain skilled talent

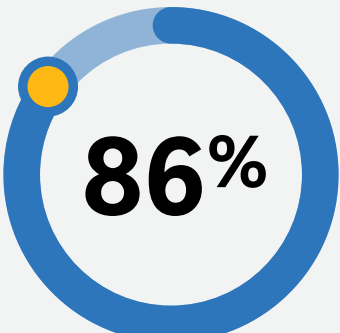
Free your team to concentrate on strategic, high-impact work when you automate tedious, menial tasks.

From	To
Overwhelmed	Strategic
Reacting to threats	Anticipating threats
Slow, manual tasks	Streamlined, automated tasks
Alert and data fatigue	Real-time analysis and triage
Steep learning curve for new analysts	Guided instructions for complex tactics
Ambiguity across complex security stacks	Clarity and actionable insights

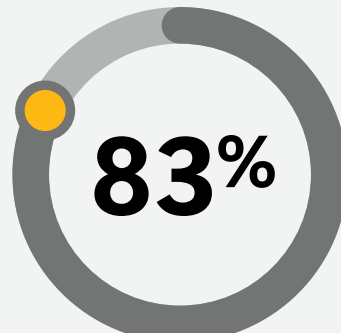
A recent Microsoft study* found that new-in-career analysts performed security tasks 26% faster and with 44% more accuracy when they used Copilot:



want to use Copilot next time they perform the same task



said Copilot helped improve their quality of work



said Copilot reduced the effort needed to complete a task

What Microsoft Defender Experts are saying



"[Copilot] has a tremendous ability to summarize data and create narratives about threats in a polished, professional way."

—Brian Hooper, Principal Research Lead, Defender Experts*

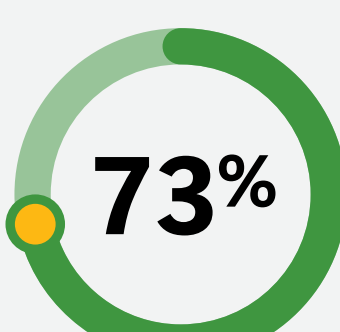
"One of the functions I use the most in [Copilot] is its ability to summarize CVEs and other vulnerabilities. It describes the vulnerability, the affected product versions, and can provide step-by-step instructions on how to remediate it."

—Phoebe Rogers, Security Analyst 2, Defender Experts*

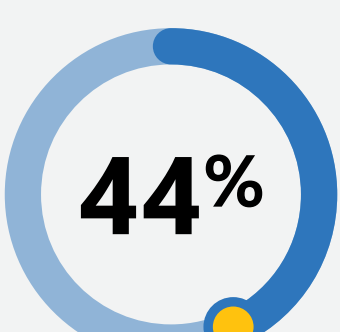


Maximize your team's impact

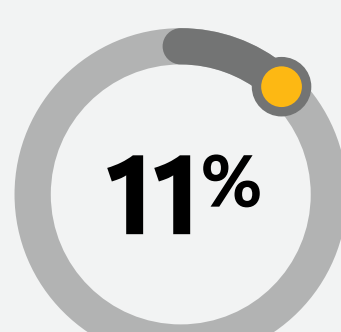
The difficulties facing modern security teams require a new approach, a way to cut through the noise so that everyone feels equipped to make the most impact. Of participants in the same study:



were more accurate about appropriate remediation steps



were more accurate spotting scripts used by the attacker



were more accurate on incident reports

[Learn more about Copilot >](#)

Pave the way for Copilot for Security

To generate insights and guidance effectively, Copilot requires visibility across unified tools. Explore extended detection and response (XDR) and security information and event management (SIEM) solutions from Microsoft to prepare your organization for a new era in cybersecurity with Copilot.

[Explore unified XDR and SIEM >](#)

*ISC2 Cybersecurity Workforce Study, 2023
 * Copilot for Security randomized controlled trial (RCT) conducted by Microsoft Security of the Chief Economist, November 2023