



From Prompts to protection: How Security Copilot Reinvents Cyber Defense

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Security Pressure Is Growing Faster Than Defenders Can React.

Identity

~7k

password attacks
per second

Data exposure

83%

of orgs will have more
than one breach
in their lifetime

AI leakage risk

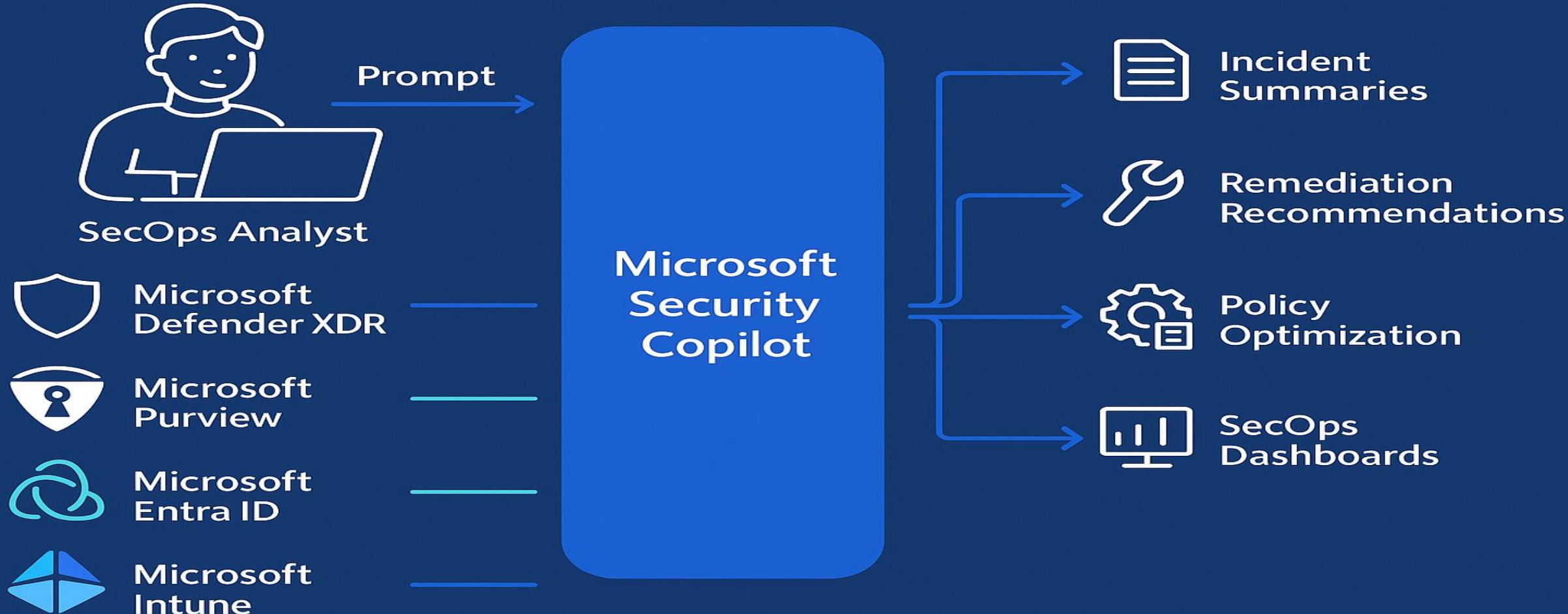
80%+

of execs fear sensitive
data leaking through
Gen AI tools

Analysts drown in alerts while AI makes attacks faster and smarter



AI As a force multiplier



Conditional Access Optimization Agent



USER DRIFT

New users or changed rights leaving them unprotected by policy



APPLICATION DRIFT

New apps or permissions need Conditional Access coverage



POLICY MERGE

Combine overlapping policies for simpler management

Demo

- Microsoft Entra Conditional Access Optimization agent

Security Copilot in Microsoft Purview



Data Loss
Prevention
(DLP)



Insider Risk
Management



Communication
Compliance



eDiscovery
(Premium)

Demo

- Explore the capabilities of Copilot in Microsoft Purview
- Every data protection query, crafted as a natural language prompt, translates into actionable governance intelligence.

Final Takeaways



Security Copilot needs to be treated as a privileged access surface.



Align AI behaviour to Zero Trust principles.



Prompt precision = defense precision



Visibility and velocity must coexist



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- *Microsoft Certified: Information Security Administrator*
- *Microsoft Certified: Identity and Access Administrator*