9 Cybersecurity Predictions to Heed for 2025

Schrödinger's Quantum Computing Threats

Quantum computing threats will co-exist in two states. Larger organizations will seek to prepare for the demise of encryption standards, while recognizing the threats don't actually exist yet.

AI² Bubble Bursts

The Artificial Inflation (AI) of Artificial Intelligence (AI)—or AI²—has peaked and will deflate as the industry pulls back on promises, investment, and hype. AI-based attacks will not substantively increase.

Planned Obsolescence Forces Electronic Exodus

Hundreds of millions of systems that lack the hardware requirements to upgrade to Windows 11 will become obsolete, with many ending up in landfills.

Reverse Identity Theft Begets Digital Doppelgangers

Expect a rise in reverse identity theft, where breach data stolen over years past is merged with additional data and assumptions of who you really are to create faux personas of your digital identity.

Critical Infrastructure a Casualty of Nation-State Attacks

Expect critical infrastructure to become a significantly higher priority for nation-state threat actors—and potentially the next historic disaster.

Moonlighting and AI Assistant Uprising

Remote employees will increasingly outsource key tasks to personal AI assistants—without an employer's knowledge or approval. This could even entail creation of fake employees.

A New Cybersecurity Battleground

Organizations will face more identity compromises that initially appear insignificant, but represent Paths to Privilege™, allowing an attacker to assume control of significant resources through privileged escalation.

Too Much Security – A Bad Thing?

The accumulation of tools that don't interoperate well will exacerbate reporting and visibility challenges. This will create more security gaps and Paths to Privilege™ for threat actors to exploit, while also impairing productivity.

Cyber Insurance Requirements Play Catchup

Cyber insurers will need to address AI-related risks and the onset of quantum-computing when determining policies, risks, and renewals.

For more details and 8 more exclusive predictions for the rest of the decade, visit our blog:
https://www.beyondtrust.com/blog/entry/beyondtrust-cybersecurity-trend-predictions

Don't Delay Your IT Security Preparations

Research continues to show that enterprises with more proactive IT security postures identify potential security issues faster, suffer fewer breaches, and minimize damage from attacks more effectively than less prepared organizations.

If you're looking to get proactive about your cybersecurity posture, contact BeyondTrust.

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