The Logical Advantage

TeamLogicIT®
Your Technology Advisor

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# How AI Is Transforming Cybersecurity

Per research by the multinational accounting firm PwC, **artificial intelligence (AI)** technology has become the top investment priority for cybersecurity leaders.

More than a third of executives surveyed by PwC last year cited AI-based security above other cybersecurity critical needs such as cloud, network, zero-trust architecture and data protection.

Which AI-supported applications are technology leaders prioritizing in 2026? Among the IT practices listed in the PwC study were:

- Event detection
- Behavioral analytics
- Identity and access management
- Vulnerability scanning/assessment

According to researchers, **agentic AI** systems play a pivotal role in cybersecurity DBX as solutions capable of independently planning and executing complex, multistep tasks. These agents can perform actions autonomously, communicate with other agents and adapt to new information.

Why should leaders of small- to medium-sized businesses heed these findings? Because as the driving force behind today's **digital business transformation**, AI can help SMBs sharpen their competitive edge across the spectrum of competitors, small and large.

That's one reason TeamLogic IT engages with a virtual chief artificial intelligence officer. Among this visionary executive's missions is providing our national network of premier managed services providers with insights, strategies and tactics into countering AI-generated cyber assaults with AI-fortified defenses.

Interested in learning more about how we can apply AI tools to your cyber defenses? Call us for a consultation.

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# Viewpoint

## How Humans Form a Cyber-Resilient Core

Recent research confirms that "human error" remains the core challenge in today's cybersecurity.

As **generative AI** tools create images, text, videos and other media for more convincing social engineering campaigns such as phishing and deepfakes, business leaders at organizations of all types and sizes report feeling more vulnerable than ever. Nine of 10 firms surveyed late last year named user-related security issues – such as poor cyber hygiene and individual gullibility – as their greatest concerns in this era of AI-enhanced cybercrime.

Which is why at TeamLogic IT we believe making humans the center of **cyber resilience** is more appropriate than ever before. If people are the problem, then people should be at the heart of the solutions.

How can you foster a cybersecure culture powered by people?

1. **Lead by Example** – Culture flows from the top. Set the tone by starting conversations about AI within your team.
2. **Put Policy First** – Develop and establish formalized policies and guidelines specifically for working with AI platforms.
3. **Experiment Responsibly** – Identify where the prime vulnerabilities lie. Deploy frameworks and implement controls that reduce these risks.
4. **Share Knowledge** – Educate and train your employees internally or through online courses.
5. **Train, and Train Again** – Educate employees at all levels – from frontlines to C-suite.

These five approaches can help guide your cybersecurity planning course in the new year.

# IT Strategy

## How MSPs Support "Trustworthy AI"

A recent study by global analysis firm IDC revealed fewer than half of organizations invest in "Trustworthy AI" – namely **artificial intelligence (AI)** policies and practices with "guardrails." Why so much comfort with so little protection? Because technology tools such as generative AI, with their humanlike ability to respond to queries and prompts, are engendering unwarranted trust among business users.

This trend makes **"Shadow AI"** a big global risk for all companies, but especially for small- to medium-sized businesses (SMBs) operating in the U.S., which employ nearly 62 million people. Shadow AI is a type of Shadow IT, the use of any app or systems on company networks by staff without formal screening or approval.

How do **managed services providers** like TeamLogic IT help SMBs?

- **AI Readiness** – Assess opportunities, uncover gaps and expose risks before deploying AI
- **Discovery Workshops** – Identify high-impact AI use cases across planning and operations
- **Cybersecurity/Data Governance** – Implement responsible-use policies, data safeguards and compliance controls to adopt AI securely
- **End-User Training/Enablement** – Equip staff with skills for using AI tools (e.g., Microsoft Copilot, ChatGPT, Google's Gemini, Anthropic Claude, etc.) effectively, fostering the confidence to embrace AI in everyday work routines
- **AI Customization** – Align AI agents with business objectives by generating insights and accelerating workflows in ways specific to your organization

Call us to learn more about our managed AI services.

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