AGILEBLUE

PARTNERS | Ignite Your Growth with AI-Powered Cybersecurity

EMPOWERING MSPs:

THE ESSENTIAL ROLE OF AI IN CYBERSECURITY PROGRAMS

2024 | EBOOK

Digital Guardians

How MSPs are Leading the Charge in Evolving Cybersecurity Landscapes

In today's IT landscape, Managed Service Providers are transcending traditional boundaries, and embracing a broader role beyond the confines of a narrow IT scope.

As you navigate this transformative journey, as an MSP–your focus is on seamlessly integrating with IT organizations, keenly observing, strategizing, and offering invaluable guidance amidst the rapid changes and evolving security challenges.

In this dynamic environment, your proficiency extends beyond managing technology and systems; it encompasses a deep understanding of the threats to the digital environment of the organizations you serve.

Cybersecurity has become a fundamental aspect for businesses of all scales, positioning MSPs as pivotal players in recognizing and managing emerging trends in this field. As trusted advisors in cybersecurity, you adeptly navigate the daily emergence of threats and innovations, solidifying your role in safeguarding the digital well-being of organizations.

AI Cybersecurity Stats

USD 46.3 Billion Dollars

AI in cybersecurity is forecasted to reach 46.3 billion U.S. dollars by 2027.

Via Statista

Via Blackberry

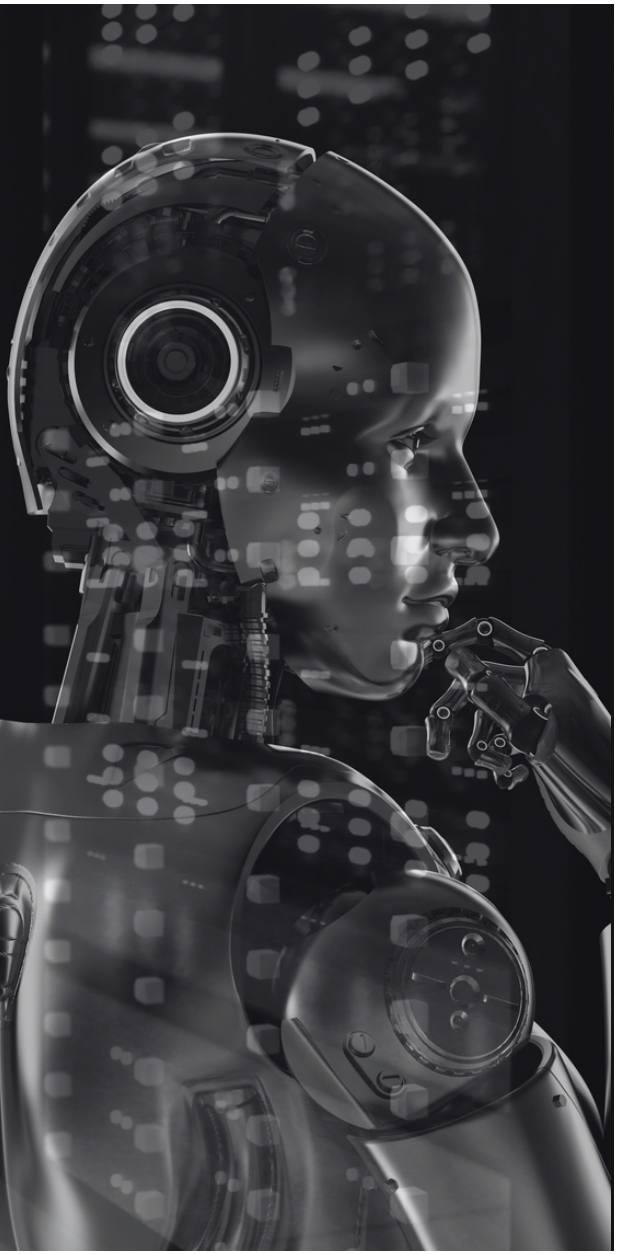
82% of IT decision-makers plan to invest in AI-powered cybersecurity in the next two years and almost half (48%) planned to invest in it before the end of 2023.

82%

USD 1.76 Million Dollars

The average savings for organizations that use security AI and automation extensively is USD 1.76 million compared to organizations that do not.

Via IBM



An **AI-Focused** Future for Cybersecurity

To meet the dynamic demands of your clientele and stay competitive, it's essential to align your strategies with emerging trends. In particular, the imperative role of AI-powered cybersecurity technologies in 2024 cannot be overstated.

The increasing weaponization of Artificial Intelligence (AI) in cyberattacks has ushered in a new era of urgency to reinforce defenses. Adversaries now leverage AI as a potent tool, executing highly targeted cyberattacks with unparalleled precision and exploiting vulnerabilities at speeds beyond the capacity of human hackers. AI's potential in crafting convincing phishing emails, adapting malware to security measures, and automating data extraction from compromised systems heightens the threat landscape. The challenge lies in the dynamic nature of AI-driven attacks, rendering static defense mechanisms, such as signature-based antivirus software and rule-based intrusion detection systems, ineffective.

Traditional cybersecurity measures struggle to keep pace, underscoring the critical need for adaptive and advanced cybersecurity strategies. In response to this evolving landscape, AI-powered cybersecurity emerges as a crucial solution.

Leveraging AI as a defensive tool is a proactive approach to counter AI threats. Machine learning algorithms, capable of analyzing vast datasets, identify anomalies and detect potential security breaches in real-time. AI-driven threat detection systems excel in recognizing patterns of behavior that human analysts might overlook. This proactive cybersecurity approach significantly reduces response times, mitigating the damage caused by AI-driven attacks and providing a robust defense against the evolving cyber threat landscape.

Your dedication to staying informed and adapting to these changes positions you as invaluable partners in ensuring the digital resilience of the organizations you serve.

BENEFITS OF AI-POWERED CYBERSECURITY

ENHANCED THREAT RESPONSE

AI-powered cybersecurity tools swiftly analyze data, recognize patterns, and automate responses for real-time threat detection and mitigation, demonstrating superior efficiency compared to traditional manual and rule-based approaches.

EFFICIENT FALSE POSITIVE IDENTIFICATION

AI excels at identifying false positives, alleviating the burden on human analysts and enhancing the accuracy and effectiveness of threat detection and analysis.

CONTINUOUS MONITORING FOR MODERN SECURITY

AI-powered cybersecurity tools provide real-time attack detection and automate incident response, ensuring continuous monitoring is essential. This aids human experts in promptly identifying emerging threats and trends.

STRENGTHENED ACCESS CONTROL MEASURES

Utilizing machine learning algorithms, AI identifies anomalous behavior patterns and flags suspicious login attempts improving overall access control, making it easier to identify potential security breaches.

INSIDER THREAT MITIGATION

AI analyzes user behavior to identify employees engaging in malicious activities, proactively preventing insider threats. This contributes significantly to the prevention of data breaches and other security incidents.

8 Applications of AI in Cybersecurity

01

Threat Detection

AI analyzes data from various sources, enhancing visibility into network activities and identifying threats accurately by recognizing patterns and anomalies. Unlike traditional systems, AI can discern malware based on inherent characteristics, providing a more effective defense.

02

Threat Management

With an influx of security alerts, AI helps manage the overwhelming volume, reducing false positives and prioritizing alerts effectively. This improves response times, mitigating issues such as missed critical alerts, alert fatigue, and wasted time on false positives.

03

SOAR (Security Orchestration, Automation, and Response)

SOAR, powered by AI, streamlines operations by automating tasks, orchestrating processes, and enhancing responses to cyber threats. ***AgileBlue's SOAR*** technology as an example, automates tasks with machine learning, providing orchestration across the entire infrastructure. With AI-backed advanced logic, AgileBlue ensures constant and insightful protection.

04

AI-Powered Remediation

Advanced AI tools offer step-by-step remediation instructions based on user input, facilitating faster and tailored threat remediation.

05

Enhanced Threat Intelligence with Generative AI

Generative AI transforms how analysts work by automatically scanning code and network traffic, providing rich insights without complex queries.

06

AI-Based Patch Management

AI identifies, prioritizes, and addresses vulnerabilities with minimal manual intervention, reducing risk without increasing workload. GitLab's AI feature explains vulnerabilities to developers with plans for automatic resolution.

07

AI-Assistance

AI-Assistants like AgileBlue's ***Sapphire*** streamline cybersecurity use, handling queries on installations and server status to save users time and energy. As AgileBlue evolves, Sapphire aims to provide insightful responses and confidently take automated actions, guided by the roadmap built on Anthropic LLM.

08

AI-Powered Risk Assessments

Automation of risk assessments using AI enhances accuracy and reliability, saving significant time for cybersecurity teams and work to improve risk awareness and response.

READY TO LEVEL UP WITH AI?
WE'RE HERE TO HELP.

About Us

At AgileBlue, we're your dedicated AI-powered cybersecurity partner. Our proven services swiftly detect and address cyber threats 24/7, preventing breaches before they occur. AgileBlue Cerulean, our AI-powered XDR | SOAR platform, blends advanced technology with human expertise to ensure efficient monitoring, detection, and response. Trust us to enhance your cybersecurity defenses, offering peace of mind in the dynamic digital landscape.

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Program Features

SAPPHIRE AI-ASSISTANT

Sapphire is your trusted cybersecurity companion, guiding you with expertise through technical issues, best practices, and security incidents. More than an AI-assistant, it's your ally in the fight against cyber threats.

MARKETING & SALES SUPPORT

If you've got the best tech on your side, you want to tell prospective clients about it. We'll help you market your business with webinars, events, and collateral. Need help with a product demo? We got you covered.

CUSTOM REPORTING

We know proving cyber risk is tough, and some clients don't think they have a problem. To help our Partners, we provide monthly reporting, as well as recommendations and tuning of alerts. Benchmarking is also an important piece – we do that too.

POOLED-PRICING

Security is a necessity; outrageous pricing is not. We give you fixed monthly costs with predictive revenue. Our pooled pricing model comes with no surprises and helps you provide services at scale.

MULTI-TENANT

Get full visibility of your client's data with our multi-tenant and white-label analytics portal. With real-time notifications and our silencer technology that boasts a 95% true positive rate, you can see under the hood of the SIEM and SOC activity.

CLIENT RISK SCORING

Monitor the activity your clients care about, ignore the stuff they don't. We customize your AgileBlue experience to analyze and detect exactly what you need it to. Each client gets a custom Cyber Risk Score that makes their security easy to understand.