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# INDUSTRY COMMENTARY

## INSIDE THIS ISSUE

- AI and automation will revolutionize the cybersecurity industry
- The future of AI in cybersecurity includes predictive threat intelligence, autonomous security systems, intelligent user behavior analytics, AI-powered vulnerability management, and explainable AI.



- Cybersecurity is a significant expense for enterprises, projected to reach \$10.5 trillion by 2025.
- AI enhances incident response and threat detection by reducing false positives and improving cybersecurity operations.
- AI improves network and cloud security by identifying threats in encrypted traffic and detecting anomalies in cloud app logins.
- The C-suite recognizes both the benefits and risks of AI in cybersecurity and emphasizes the need for comprehensive strategies.



- Did you know that cybersecurity is one of the biggest expenses for enterprises, accounting for around 12% of their IT budgets?
- While companies can cut back on other expenses during periods of slower growth, compromising on cybersecurity is simply not an option. Related expense is expected to keep growing.
- But fear not! AI and automation are here to save the day and help tackle this critical industry head-on!

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According to Cybercrime Magazine, if cybercrime were a country, it would be the world's third-largest economy, trailing only behind the United States and China. The costs dedicated to cybersecurity are projected to skyrocket from \$8 trillion to a staggering \$10.5 trillion by 2025, predicting that cybercrime costs will reach \$10.3 trillion by 2025 and a whopping \$13.8 trillion by 2028.

AI and automation are expected to play a pivotal role in revolutionizing the cybersecurity industry. With the relentless onslaught of 560,000 new pieces of malware detected each day, traditional software systems struggle to keep up. However, AI is already working alongside human experts to identify high-priority threats and reduce cybersecurity costs.

- **Enhancing Incident Response and Threat Detection with AI:**

By leveraging AI, false positives can be reduced, enabling security teams to focus on critical threats. AI-assisted endpoint detection and response solutions filter out noise and improve incident response. Comprehensive representation of an organization's security landscape is achieved through AI, providing greater visibility and protection.

- **AI's Impact on Network and Cloud Security:**

Machine learning algorithms enhance network security by detecting malware concealed within encrypted traffic and identifying insider threats. AI improves cloud security by identifying suspicious cloud app logins, detecting anomalies based on location, and analyzing IP reputation. AI-driven systems simulate attack paths, identify vulnerabilities, and monitor web traffic, ensuring effective threat prevention.

- **The Perspective of the C-Suite:**

Organizations acknowledge the benefits of AI in expedited threat detection but also recognize the new cybersecurity risks it introduces. Concerns about cybersecurity outweigh concerns about inaccuracies, emphasizing the importance of comprehensive cybersecurity strategies.

- **The Future of AI in Cybersecurity:**

Predictive threat intelligence will allow organizations to proactively identify trends and indicators of future cyber threats. Autonomous security systems will detect, analyze, and respond to threats, reducing human response time. Intelligent user behavior analytics will identify anomalies and insider threats. AI-powered vulnerability management will prioritize critical vulnerabilities. Efforts are underway to develop explainable AI models for accountability and trust.

- **Collaboration Between AI and Human Professionals:**

AI should complement human expertise, with collaboration between AI and human professionals being vital for optimal security outcomes.

**Industry:****Computer Software Security****Industry performance ranking :****23/197 ( Until 18-OCT-2023)****Sector Top Performing Stocks:****\$PANW \$CRWD \$DMRC \$ZS \$QLYS \$OKTA**