How Alkem Laboratories Secures Its Attack Surface and Future-Proofs Its Security Infrastructure

INDUSTRY
Pharmaceutical

HEADQUARTERS
Mumbai, India

COMPANY SIZE
19,500 employees

OVERVIEW

Alkem Laboratories is one of the leading pharmaceutical companies in India. The firm operates 23 manufacturing facilities in India and the United States, supports over 800 brands and conducts business operations in more than 40 countries.

OUR SOLUTION

Quantum
Deep Learning & AI Driven Network Security

Harmony
Highest Level of Security for Remote Users

Check Point gives me peace of mind, knowing that we have the best security solution to protect Alkem. We can stay ahead of the threat landscape while meeting our productivity expectations. That's what I expect from an industry-leading vendor, and that's what we receive.

Bijender Mishra, Chief Information Security Officer, Alkem Laboratories

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CHALLENGE

Alkem's manufacturing operations run 24/7/365 within a strictly regulated environment to maintain a rapid pace of innovation and drug development. However, the high value of drug development data makes pharmaceutical companies like Alkem a prime target for cybercriminals. For Alkem, a breach could cause a significant business interruption and regulatory penalties as well as a loss of profits, intellectual property and consumer trust. Due to the recent acceleration of cyberattacks on India-based pharmaceutical companies, Alkem Laboratories launched an initiative to safeguard each business area with enterprise-class security.

To support Alkem's continued growth and secure its complex hybrid cloud environments, Bijender Mishra, Chief Information Security Officer, Alkem Laboratories, needed a scalable solution to enforce zero trust access management and safeguard Alkem's networks, data centers, disaster recovery facilities and collaboration platforms. "We wanted industry-leading protection and the best possible toolset to defend the company in this environment," said Mr. Mishra. "Despite the complexity of our infrastructure, we wanted a holistic approach to security that would meet the specific needs of our business, development and manufacturing areas."

SOLUTION

After conducting extensive industry research and numerous proof of concept tests, Mr. Mishra and his team chose Check Point. "Check Point's approach was different," he said. "They assessed our existing infrastructure and worked closely with us to clarify our goals, answer questions and identify the solutions that best fit our business requirements. We chose Check Point because of its industry-leading position and the fact that they have never been breached." Mr. Mishra and his team worked closely with the Check Point sales, technical and Professional Services teams to deploy and finetune Alkem's new solutions within critical manufacturing maintenance windows and compressed timeframes.

The first step was implementing Quantum Security Gateways in the data center, disaster recovery and development centers. Quantum Security Gateways give Alkem highly scalable threat prevention against zero-days and other advanced threats across its network, cloud, data center and remote environments.

To enable secure collaboration and remote access, Mr. Mishra deployed Harmony Email & Collaboration (HEC) and Harmony Connect Secure Access Service Edge (SASE). HEC automatically stops malicious content from reaching employee inboxes, while SASE integrates with Alkem's multi-factor authentication solution to ensure users can only access the resources they need to complete a given task. "Harmony Connect SASE is invisible to users and gives us secure remote connectivity without an application performance penalty," said Mr. Mishra. "It's easy for us to manage access and security for all remote locations here at the corporate level."

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OUTCOME

Check Point's solution suite has allowed Mr. Mishra to streamline his team's operations and reduce risk across Alkem's digital environments. "We now have enterprise-class security gateways and solutions that fit with our existing infrastructure and fill previous gaps in controls," he said. In addition to bolstering Alkem's network security posture, Check Point has also helped him reduce time spent combating phishing emails. Instead of receiving more than 50 daily reports of spam or malicious emails, his team now receives none. " Harmony Email & Collaboration is one of the best tools I've found," said Mr. Mishra. "In addition to preventing threats from getting in, it prevents internal email threats, advanced malware and impersonation attacks. It's also very cost-effective."

When Alkem's Quantum Security Gateways and Harmony Connect SASE deployments across its manufacturing facilities and remote locations are complete, Mr. Mishra plans to expand the team's security reporting capabilities with ThreatCloud AI reporting features. He has already experienced ThreatCloud AI's robust AI-driven intelligence, which informs the other Check Point solutions he is using. "When we considered other vendors, we found that Check Point's threat intelligence was significantly more powerful," said Mr. Mishra. With Check Point's robust, scalable solutions, Alkem is well-positioned for continued growth. "Check Point gives me peace of mind knowing that we have the best security solution to protect Alkem," he said. "We can stay ahead of the threat landscape while meeting our productivity expectations. That's what I expect from an industry-leading vendor, and that's what we receive."

ABOUT CHECK POINT

Check Point Software Technologies Ltd. (www.checkpoint.com) is a leading AI-powered, cloud-delivered cyber security platform provider protecting over 100,000 organizations worldwide. Check Point leverages the power of AI everywhere to enhance cyber security efficiency and accuracy through its Infinity Platform, with industry-leading catch rates enabling proactive threat anticipation and smarter, faster response times. The comprehensive platform includes cloud-delivered technologies consisting of Check Point Harmony to secure the workspace, Check Point CloudGuard to secure the cloud, Check Point Quantum to secure the network, and Check Point Infinity Core Services for collaborative security operations and services.

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