



Anthem Biosciences Drives Efficiency with Trend Micro's Sophisticated IT-OT Security Solution

Website

www.anthembio.com

Region

India

Industry

Contract Research and Innovation Service Provider

Employees

1000+

Products

- Deep Security
- Deep Discovery Analyzer
- Deep Discovery Inspector
- TippingPoint
- Smart Protection Complete
- Apex One on-premises and SaaS
- Endpoint Sensor (EDR)
- Managed XDR

IT Environment

IT-OT converged units

Business Benefits

- Elevated security posture for IT-OT converged environments
- Comprehensive security management
- Simplified security with 360-degree threat visibility
- Minimal escalations due to virtual patching

OVERVIEW

Anthem Biosciences is a Bangalore-based Contract Research and Innovation Service Provider (CRISP), offering a range of services to pioneer global research efforts in the discovery of new compounds. Incorporated in 2006, the company operates out of two locations: A built-up capacity, housing over 500 researchers, and an information technology-operational technology (IT-OT) facilitated manufacturing unit.

CHALLENGES

A leading CRISP enterprise, Anthem Biosciences required selective, high-sensitivity security for its IT-OT environment. While their endpoints were already being protected by Trend Micro's Endpoint Solution, Anthem Biosciences needed to secure its server and network through a similar robust solution. If unaddressed, security breaches could disrupt the company's production schedules and undermine its profits.

K. Ravi, Head of information technology and artificial intelligence (AI), notes, "Given the constantly evolving threat landscape, we needed a solution which could provide end-to-end protection for our endpoints, network, and servers—without disturbing operations. We were seeking a robust product, which while securing our converged IT-OT manufacturing environment, would require only minimal intervention from our staff."

WHY TREND MICRO

Anthem Biosciences had already been using Trend Micro's Endpoint Solution. "As happy customers, it seemed logical to extend this satisfying relationship," says Ravi. "Trend Micro provided us with real-time network forensic analysis and its next-gen intrusion prevention system (IPS) perfectly suited our IT-OT converged environment."

The solution offered unique capabilities, such as shielding vulnerabilities before they can be exploited, superior visibility across the server, network, and endpoints, as well as managed threat detection and response services.

Trend Micro solutions have been featured as leaders in many industry analyst reports. "These industry-recognized accolades testify to happy customers and it definitely reinforced our decision to choose Trend Micro. We knew we were choosing a tried and trusted solution," says Ravi.



“Our complex IT-OT converged environment needed a sophisticated security solution. Trend Micro’s solution provides elevated security for our network, server, endpoints, and IIoT devices.”

K. Ravi,
Head of Information Technology and AI,
Anthem Biosciences

“Cybersecurity is a prime concern for us, as security breaches disrupt production and cause irrevocable losses. Trend Micro’s next-gen solutions, with EDR and MDR, has helped us achieve end-to-end security.”

CEO, Anthem Biosciences

SOLUTIONS

Trend Micro’s solutions for endpoints, networks, and servers were successfully deployed across both locations. The solutions boast a host of cutting-edge technologies and features. Trend Micro™ Deep Security™ provides integrated server security and virtual patching, while the Trend Micro™ Deep Discovery™ Inspector (DDI) provides 360-degree visibility by monitoring over 100 network protocols and detecting targeted attacks. By identifying the attacker profile and providing a risk assessment, malware characteristics, origin, variants, and command and control (C&C) internet protocols (IPs) across the network, the solution has provided exceptional insight.

“Deep Discovery with Advanced Threat Protection empowers us to respond instantaneously to targeted attacks, advanced threats, and ransomware,” says Ravi. “The IPS protects our IIoT systems from various vulnerabilities, while the layered security provided by Connected Threat Defense assesses, detects, and remediates attacks.”

Trend Micro has also provided Anthem Biosciences with Endpoint Detection and Response (EDR) and Managed Detection and Response (MDR) solutions. Together, they provide threat hunting and forensic analysis, root cause, and impact analysis for various security incidents. As well, they offer real-time insights and advice into various security incidents, along with remediation and preventive measures.

RESULTS

Anthem Bio has been able to minimize escalations due to the enhanced protection available through virtual patching. “We have been able to protect our systems from vulnerabilities even if patches have not been released,” says Ravi.

“Anti-malware with web reputation isolates malware from critical operating systems and security components, further protecting our end-of-support systems and applications. By encrypting the data stored on the endpoints and preventing unwanted and unknown applications from executing, we have been able to ensure additional data privacy and bring smarter protection to the IIoT endpoints,” says Ravi.

WHAT’S NEXT?

Anthem Biosciences looks forward to expanding their security services with Trend Micro. The company is currently assessing Trend Micro™ Cloud Email Gateway Services, which protect both hosted and on-premises email solutions.

“We began with endpoint protection and then moved on to protection for our network and servers. Both of these implementations turned out to be successful. We are hopeful that the email solution, which uses an optimum blend of cross-generational threat techniques, will prove to be a perfect fit for our requirements,” says Ravi.

MORE INFORMATION

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www.trendmicro.com

For details about what personal information we collect and why, please see our Privacy Notice on our website at:
<https://www.trendmicro.com/privacy>



Securing Your Connected World

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