

SOLUTION BRIEF

Empowering Healthcare Security with Trellix, AWS, and Telefónica Tech

Leading the Way in Healthcare Cybersecurity with Advanced AI and Cloud Solutions

Secure Your Healthcare Future

As cyber threats continue to evolve, healthcare organizations cannot afford to be complacent. The partnership between Trellix, AWS, and Telefónica Tech offers a unique, powerful solution designed to meet the specific security needs of the healthcare industry. Don't wait until a breach occurs—take proactive steps today to protect your patients, your data, and your reputation.

The Healthcare Cybersecurity Challenge

The healthcare industry is increasingly under attack, with cybercriminals leveraging advanced techniques like generative AI to launch sophisticated and targeted attacks. In 2023, healthcare organizations faced an alarming 74% increase in cyberattacks, averaging 1,463 attacks per week. Over 100 million individuals, or nearly 1 in 3 Americans, were affected by data breaches, highlighting the critical need for enhanced security measures. Additionally, ransomware attacks nearly doubled, emphasizing the growing threat to patient safety and the urgent requirement for robust defenses.

An Integrated Solution for Healthcare Security

Trellix, AWS, and Telefónica Tech have joined forces to offer a powerful, integrated solution designed specifically to address the unique cybersecurity challenges faced by healthcare organizations:

- **Trellix's Living Security Platform:** Powered by AI and machine learning, Trellix's living security model continuously evolves to detect, respond to, and remediate threats in real-time. Recently, Trellix introduced **Trellix Wise**, a groundbreaking extension of its platform that leverages generative AI to enhance data security and SecOps. Trellix Wise automates complex threat detection and response processes, enabling healthcare organizations to defend against sophisticated attacks more effectively. This integration with AWS's advanced cloud infrastructure provides a comprehensive defense against the most sophisticated threats, ensuring compliance with regulations like **HIPAA** while safeguarding critical healthcare data and devices.
- **AWS Cloud Infrastructure:** AWS provides a secure, scalable environment for healthcare organizations, enabling them to migrate and manage their workloads with confidence. With AWS,

Industry Recognitions and Awards

Telefónica Tech

- Ranks **#2 in MSSP Alert's 2023 Top 250 MSSPs**, demonstrating global leadership in managed security services.
- As an **AWS Advanced Tier Services Partner**, with **AWS Security Consulting** and **Certified Security Specialties**, Telefónica Tech delivers secure, scalable cloud solutions, particularly tailored for the healthcare services, in partnership with AWS and Trellix.

Trellix

- A leader in extended detection and response (**XDR**), seamlessly integrates with AWS services, including **Amazon Bedrock AI**.
- Awarded multiple **2024 Global InfoSec Awards** from Cyber Defense Magazine and named Frost & Sullivan's **Global Endpoint Security Company of the Year**, Trellix excels in delivering critical security solutions, especially for healthcare.

healthcare providers can take advantage of cutting-edge cloud services while ensuring that their data is protected by the most advanced security measures available..

- **Telefónica Tech's Global Expertise:** Telefónica Tech brings world-class security operations and cloud services to the table, with a global presence and deep experience in managing complex digital transformations. Having a dynamic partner ecosystem and local expertise ensures healthcare organizations receive the solutions they need to secure their operations and stay ahead of emerging threats.

Healthcare Security Impact

1. **Enhanced Threat Detection and Response:** Trellix's integration with AWS allows healthcare organizations to benefit from AI-driven threat detection and response, dramatically improving their ability to identify and mitigate risks. This partnership ensures that even the most sophisticated AI-driven attacks are detected and neutralized quickly.
2. **Regulatory Compliance:** Trellix Cloudvisory, built on AWS, simplifies compliance with healthcare regulations such as **HIPAA** by providing centralized visibility and automated policy enforcement. Telefónica Tech's expertise ensures that organizations remain compliant while optimizing their security posture.
3. **Cost Efficiency and Scalability** This partnership enables healthcare providers to scale their security operations efficiently, reducing operational costs by more than 30% through advanced AI automation and integrated security operations. The combined power of Trellix Wise and AWS Bedrock AI ensures that SOCs can handle a vastly increased volume of alerts without additional staffing.

Training and Certification for Robust Implementation

As healthcare organizations increasingly adopt cloud-based solutions, the need for skilled professionals to manage and secure these environments has never been greater. Telefónica Tech, in collaboration with AWS, has launched initiatives like the "**AWS Cloud Camp by acens**," which provides training and certification opportunities for individuals in AWS Cloud technologies. This program not only strengthens the cybersecurity capabilities of healthcare organizations but also ensures that they have access to a pool of certified professionals ready to tackle the industry's unique challenges.

About Trellix

Trellix is a global company redefining the future of cybersecurity. The company's open and native extended detection and response (XDR) platform helps organizations confronted by today's most advanced threats gain confidence in the protection and resilience of their operations. Trellix's security experts, along with an extensive partner ecosystem, accelerate technology innovation through machine learning and automation to empower over 40,000 business and government customers.

Furthermore, AWS's partnership with Telefónica Tech extends to a broader range of training and certification programs, equipping healthcare IT teams with the skills needed to leverage advanced cloud solutions securely. This commitment to education ensures that healthcare organizations can fully realize the benefits of their technology investments. ([More info](#))

Practical Healthcare Applications

- 1. Proactive Threat Management for AI-Driven Attacks:** A healthcare provider is targeted by sophisticated AI-generated phishing attacks that bypass traditional security measures. By deploying Trellix Wise in conjunction with AWS's security services, the provider can detect and respond to these advanced threats in real-time, preventing data breaches and ensuring patient safety.
- 2. Streamlined HIPAA Compliance with AI-Powered Automation:** A regional healthcare system is overwhelmed by the complexity of maintaining **HIPAA** compliance across multiple facilities. With Trellix Cloudvisory and AWS, the system can automate compliance processes, ensuring that all facilities meet regulatory standards without manual intervention. Telefónica Tech's expert support ensures seamless implementation and ongoing compliance.
- 3. Secure Migration of Critical Healthcare Data:** A large hospital network needs to migrate its electronic health records (EHR) to the cloud but is concerned about data security and regulatory compliance. By leveraging Trellix's living security platform, AWS's secure cloud infrastructure, and Telefónica Tech's migration expertise, the network can safely and efficiently transition to the cloud, ensuring the protection of sensitive patient data throughout the process.



Contact us today to learn how our integrated solution can secure your financial institution against the threats of tomorrow:
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For more information, visit www.trellix.com/telefonica

