

CASE STUDY

How e360 Enhanced AI Security for a National Professional Employer Organization

Challenges

A prominent national professional employer organization (PEO) faced the complex challenge of securing its artificial intelligence (AI) and machine learning (ML) initiatives.

Amidst the rapid advancement of these technologies, the organization sought to safeguard its AI-ML assets, ensure compliance with regulatory requirements, and promote responsible AI-ML practices.

The overarching goal was to enhance the security posture of its AI and ML deployments while minimizing the risk of data breaches and aligning AI-ML initiatives with corporate objectives.

Solution

e360 was enlisted to conduct a comprehensive security best practice review of the client's AI Security Governance Framework.

Our approach leveraged the NIST AI Risk Management Framework 1.0, alongside industry best practices, to guide the client through the intricacies of the AI security landscape.

The strategy was multifaceted, focusing on policy development, secure coding practices, testing and evaluation, validation and peer review, integration and deployment, governance, processes and procedures, risk management strategies, resource management, access management, and performance metrics.

About this Case Study

Our client is a US based prominent national professional employer organization (PEO). We have happily accommodated their request to remain anonymous.

Highlights

Challenges

- Securing AI and ML initiatives
- Ensuring compliance and promoting responsible practices
- Minimizing risk of data breaches

Solutions

- Conducted a security best practice review of the AI Security Governance Framework
- Leveraged NIST AI Risk Management Framework 1.0 and industry best practices
- Implemented a comprehensive strategy covering policy development, secure coding, testing, and more

Results

- Cultivated an enterprise-wide security culture for AI-ML
- Achieved leadership alignment across teams
- Enhanced critical security processes and technologies

Results

The collaboration with e360 led to significant advancements in the organization's AI-ML security posture:



Culture

Achieved enterprise-wide adoption and adherence to AI-ML policies and requirements.



Procedures

Successfully identified and implemented critical documentation for AI-ML security.



Leadership

Secured alignment among the leadership team, spanning strategic to tactical teams.



Security

Enhanced critical security processes and technologies, markedly improving the organization's defense against potential breaches and threats.

Key Takeaways

- 01** The integration of NIST AI Risk Management Framework 1.0 and industry best practices is effective in navigating the AI-ML security landscape.
- 02** A holistic approach addressing policy development, risk management, and secure practices is crucial for safeguarding AI-ML initiatives.
- 03** Strategic alignment of AI-ML technologies with corporate objectives is vital for mitigating risks and promoting responsible usage.
- 04** The enhancement of an organization's security culture and procedures plays a significant role in the overall success of AI-ML security initiatives.

Focus Areas

Policy Development

- Secure Code Practices
- Testing and Evaluation
- Validation and Peer Review Exercises

Integration and Deployment

- Governance
- Processes and Procedures
- SDLC Integration
- Secure Coding

Risk Management Strategies

- Data Classification
- Discovery and Tagging
- Ethical Use

Resource Management

- Roles and Responsibilities
- Collaboration
- Communication

Access Management

- Data Access
- Account Provisioning

Performance Metrics

- Identification
- Reporting



About e360

In a world where technology evolves at lightning speed, e360 stands at the forefront, not just adapting, but leading the way. Our mission is to empower enterprises, forging strong client relationships as we navigate the ever-changing digital landscape. Specializing in Cloud Solutions, Cybersecurity, AI Governance, Digital Workplace, Modern Infrastructure, and Managed Services, e360 is synonymous with innovation, excellence, and care.

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