

CASE STUDY

INSURANCE

NIST COMPLIANCE

HIPAA COMPLIANCE



Business Challenges

- Insurer needed to share sensitive health data with a vendor
- Review of proper protection was not detailed enough



Opportunities

- HIPAA and NIST audit
- Penetration testing and vulnerability scans
- Work with the vendor to remediate issues
- Best practices for code creation, testing procedures, data access, etc.



Foresite Solutions

- 3rd party vendor or solution evaluation
- Social engineering and security testing of custom portal
- Application security testing

BACKGROUND

A large insurer came to us with a problem. They needed to share some very sensitive health data with a vendor, so their law firm had hired a big four accounting firm to perform a cybersecurity review. The problem was, the report the insurer got back was not in-depth enough to confirm that the vendor had the proper protections in place. They turned to Foresite based on their own past experience with our cybersecurity testing and deliverables.

OUR OBJECTIVES

- Verify the proposed vendor's state of cybersecurity and HIPAA compliance
- Work with the vendor to remediate any issues so that their project could begin
- Incorporate ongoing controls and testing to insure that cybersecurity was maintained

OUR SOLUTION

We reviewed the original report and discussed the data sharing requirements with both parties and recommended a full NIST and HIPAA cybersecurity audit, as well as social engineering and security testing of the custom portal where the data would be shared. Foresite provided an auditor who was both a Healthcare Information Security and Privacy Practitioner (HCISPP) and well-versed in the National Institute of Standards and Technology (NIST) cybersecurity frameworks. This streamlined the audit process as information could

be gathered for both standards at the same time. In addition, a member of Foresite's Cybersecurity testing team performed social engineering to confirm the vendor's staff and hosted data center staff were adhering to the policies and procedures for access to data, and an Application Security specialist worked with the vendor's Development team to verify that best practices were followed in creation of code, testing procedures, and data access, transmission and storage.

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