

One Medical Case Study:

Securing Quality Healthcare in the Cloud



“We have always proactively prioritized security at One Medical. We wanted better visibility into our application layer, which is what led us to choose Signal Sciences.”

Jérémie Meyer de Ville,
Senior Engineering Manager

EXECUTIVE SUMMARY

CHALLENGE

One Medical needed security that aligned with their cloud strategy to better protect customer data.

Healthcare is an industry susceptible to identity theft. Organizations like One Medical have to deal with a multitude of electronic medical records. One Medical takes security and confidentiality of their customers' PII seriously by following industry best practices in software development and testing, as well as internal and external security practices.

One Medical needed security that could scale with their cloud first strategy and improve their overall security posture while staying compliant with HIPAA. False positives in One Medical's environment meant doctors could be blocked from critical functions such as submitting prescriptions. While evaluating other solutions, One Medical's teams found they were difficult to deploy into their cloud first technology stack and caused false positives.

Challenge

One Medical needed a solution that could help them gain more real-time visibility of their cloud applications while staying compliant with HIPAA regulations. One Medical had previously evaluated other security solutions and found they were difficult to deploy in their cloud first technology stack.

Solution

Signal Sciences enabled a partnership between engineering and security teams to make strategic improvements to their security posture with real-time visibility into the application layer.

SOLUTION

Collaboration between teams improved visibility and security.

One Medical's security and engineering teams chose Signal Sciences over competitors due to greater confidence in our security capabilities.

No hassle deployment was supported by all stakeholders

One Medical's security team needed buy-in from their engineering group to find a solution that delivered best in class security and could be easily deployed into their cloud first technology stack. Mike Katz, Senior Security Engineer asserted that, "If a tool can't be deployed easily for the dev team, then the solution is a non-starter for security. We're not going to deal with something that can't be managed in the first place. Signal Sciences was the only solution that met our requirements."

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Mike Katz, Senior Security Engineer

Helped security build a business case for more strategic security hires

One Medical used Signal Sciences analytics and data to build a more strategic security program. Katz stated that, "The awareness of risks that our app is under helps us to build a more effective business case to add more security headcount. This helps us plan for the year ahead."

Improved real-time visibility, decisioning, and action in the application layer

Shortly after One Medical deployed Signal Sciences, they experienced a malicious IP attempting to brute force logins to their application, and were able to shut it down immediately within the tool. Instead of relying on logs to surface events after the fact, they used Signal Sciences to block and alert in real-time.

With intuitive dashboards, events, and alerts accessible by all teams, One Medical can now better understand the attack chain to quickly detect attacks and protect their sensitive customer data.