Lookout Achieves FedRAMP Compliance with Spinnaker

The Challenge of FedRAMP Compliance

Lookout is a cloud-based security provider that offers a range of software solutions, including endpoint protection and an integrated security management platform. They have been working towards achieving FedRAMP compliance to ensure their services meet the rigorous security and privacy standards required by the U.S. government. However, they faced significant challenges in meeting these requirements.

The timeline and record-keeping capabilities of their delivery pipeline were not aligned with the quality, power, and security of their product. They were losing any control over the actual strength, functionality, or quality. Updates to their services required a significant amount of manual work and took days or weeks to complete. A strong documentation trail was not being created, and deadlines were not being met in a timely manner.

Before Spinnaker, Lookout was already a great company with a strong product, but their capabilities and ambitions had extended beyond what their human-intensive, multi-step approach to updates and deployments could achieve. To get to the next level of growth, profitability, and innovation, they needed a more modern, responsive, automated workflow.

The Solution

Spinnaker is an open-source, multi-cloud continuous delivery platform that helps you release software quickly and reliably for apps and micro-services of all shapes, sizes, and types. It provides a secure, agile framework that allows you to achieve FedRAMP compliance by delivering software with the agility, reliability, and documentation power you need.

Using their existing methodology, deploying new software into production was a 25-step manual process, and patching existing software was a 12-step process. This meant manual processes were consuming, error-prone, and time-consuming. With Spinnaker, they were able to deploy new software into production in minutes instead of hours. Pixie, one of their engineers, demonstrated that after the transition, the time to deploy a new service was reduced to 1-3 steps and the compliance process was streamlined to 1-3 steps.

Performance Gains

- Nearly 200x faster to deploy service into production
- 1-3 steps to get to compliance
- 2-3 days of engineering time eliminated

The Bottom Line

Spinnaker helped Lookout achieve a massive reduction in man-hours, production and deployment time, and compliance. With Spinnaker, they were able to achieve FLedRAMP compliance in less than 20 days after using their traditional methodology it would have taken over 200 days. In just a matter of hours, they were able to maintain the core, healthy framework of their code while maintaining necessary compliance requirements.

The Future

Lookout was also able to deliver each new version of their software to users and regulators quicker than ever before. They were able to focus their work in a more detailed, purposeful way because Lookout knows exactly which granular pieces of the software code have been tweaked. This means they can focus on new features and improvements without sacrificing quality or security.

Spinnaker is highly beneficial in a government setting, where security, integrity, and data protection are most crucial. Lookout is now FedRAMP-compliant. They are the only vendor in the FedRAMP marketplace that provides security of their delivery pipeline now matches the quality, power, and security of their product. Lookout and their clients can be confident that their services are safe and secure for the future.