



RunSafe Security and EstateSpace: Hardened IT Infrastructure Using Alkemist:Repo



EstateSpace is leading the charge in financial technology by delivering a market-leading experience for families, individuals, and businesses to more efficiently understand, manage, and grow their portfolio of physical assets in the same way as they do their financial investments.

The Company recognized that it needed to think beyond traditional perimeter defense approaches to meet its clients' security requirements for its application infrastructure.

The company had deployed a modern application architecture leveraging containerized microservices to support its solution, and a significant portion of the underlying infrastructure was built on open source software. With Alkemist:Repo, EstateSpace's open source IT infrastructure was pre-hardened with RunSafe's immunization protections built in.

EstateSpace is a fast-paced company focused on the continuous delivery of new features and improvements. On a very tight timeline to launch its latest release, they couldn't afford to be slowed down.

Challenge

Having built a significant portion of its underlying infrastructure on open source software, EstateSpace needed to find a way to reduce risk to its customer base without slowing down its development team.

Solution

EstateSpace wanted to go beyond just the detect and react approach already in place with proactive protections that dramatically reduced the risk of vulnerabilities altogether. Alkemist:Repo was the obvious choice for its patented immunization technology.

Outcome

With Alkemist:Repo's adaptive nature, EstateSpace's open source IT infrastructure is pre-hardened with RunSafe's immunization protections built-in for known and future unknown threats. Their team of developers can continue to focus on writing application code, not remediating vulnerabilities from the underlying application architecture. Best of all, the impact to the development team was minimal.



While robust security was a top requirement, it needed to be delivered without interrupting their product release schedule.

The deployment process was simple and straight forward. Instead of pulling the Node.js and NGINX images from a public repo, they simply pointed their deploy scripts to RunSafe's container registry. The integration took minutes. Once the new pre-hardened images were deployed, robust testing confirmed that all functionality was preserved with no impact to application performance or health.

"We have a deep knowledge of cybersecurity. Strategically teaming up with RunSafe and deploying the Alkemist:Repo solution has been an amazing experience. We are more confident than ever telling our clients they have the most cutting-edge security protecting their sensitive data."

*Jonathan Fishbeck,
Founder and CEO, EstateSpace*

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In September 2019, MITRE ranked memory vulnerabilities the most dangerous weakness in software, with a total vulnerability score of 75.56 out of 100 - almost 30 points higher than any other weakness. In a groundbreaking study from North Carolina State University, nearly 40% of all CVEs (common vulnerabilities and exposures) were memory related and weaponizable nearly 60% of the time. Addressing this attack vector is critical, and luckily it's now incredibly easy to do by deploying open source packages from Alkemist:Repo. Addressing vulnerabilities is a continual game of catch-up; through EstateSpace's partnership with RunSafe, its customers can enjoy enhanced protection through the elimination of an entire class of vulnerabilities.

To learn more about the RunSafe's Alkemist and how it can immunize your software, please reach us at [+1 \(571\) 441-5076](tel:+15714415076) or send an email to info@runsafesecurity.com