



## CASE STUDY

# Leading Health Insurance Provider Augments Annual Penetration Testing with SafeBreach

Learn how a leading health insurance organization strengthened its security strategy by incorporating the automated, continuous security validation capabilities of the SafeBreach breach and attack simulation (BAS) platform.

<b>Industry</b>	Healthcare Insurance
<b>Challenge</b>	Annual penetration testing and red-team exercises are limited in scope, point-in-time, costly, and lack reliable, ongoing visibility into security-control efficacy.
<b>Solution</b>	Running SafeBreach regularly for more than three years has provided continuous reassurance of the prevention and detection capabilities the organization has invested in.
<b>Results</b>	<p>With SafeBreach, this leading healthcare insurance provider achieved:</p> <ul style="list-style-type: none"><li>■ Continuous security posture and risk assessment leveraging the latest threat intelligence</li><li>■ Immediate protection against emerging threats with SafeBreach's 24-hour coverage SLA</li><li>■ Greater visibility into previously undetected gaps and vulnerabilities in their environment</li><li>■ The insights necessary to regularly fine-tune their defenses and enhance control performance</li><li>■ A more efficient and effective red-team strategy with a solution purpose-built to enhance penetration-testing efforts</li></ul>

## An Early BAS Adopter

Like many healthcare and financial organizations, one of the top U.S. healthcare insurance payers was struggling with its traditional process of conducting annual penetration tests and red-team exercises, which is limited in scope, point-in-time, and a costly means of assessing control effectiveness. With an exponential amount of member data to protect—not to mention a major brand's reputation at stake should a breach occur—the company's CISO began looking for new ways to gain greater visibility into his security environment.

"We spend a lot of money on prevention tools, and we were only performing once-a-year-penetration tests, which have a limited number of hours and are fairly expensive," said the CISO. "With BAS, we saw a real opportunity to ramp up our efforts with continuous testing that could augment our red-team exercises to give us a better understanding of the efficacy of our controls and whether or not we need to tune or replace."

At the time of purchase, BAS was a newly emerging cybersecurity category, and the CISO was excited to learn about the capabilities of this groundbreaking technology. He evaluated the leading BAS solutions on the market and determined SafeBreach was the most mature and robust option to meet his organization's needs.

## Regular Reassurance

The ease and repetitive capabilities of SafeBreach to continually assess overall control effectiveness gives the CISO more reassurance about the detection and prevention capabilities he's invested in. Now, instead of relying on point-in-time penetration testing results, the security team is able to run SafeBreach on a consistent basis. They also rely heavily on SafeBreach's 24-hour SLA to add new threat coverage for all US-CERT and FBI Flash alerts. As soon as new content is added to the platform, the security team runs the attacks to ensure they are fully protected against the latest threats.

"Running new threat simulations is easy," said the company's cybersecurity engineer and primary SafeBreach user. "You can run different types of attacks specific to your organization through the MITRE ATT&CK top TTPs feature. The simulation flows save me a lot of time. The parameters of how attacks are run are extremely helpful, and I'm able to make quick blocks with the tools we have."

## Ongoing Benefits & Improvements

Using the SafeBreach platform for more than three years, the organization's security team has realized several key advantages, including:

### Continuous Validation

"SafeBreach gives me a lot more reassurance of the prevention and detection capabilities we've invested in," said the CISO. "When audit time rolls around and we run red-team exercises, it's nice not to be caught off guard with any issues they find."

### Greater Visibility

"The solution gives me a better understanding of where our gaps are," said the security engineer. "SafeBreach has also helped us understand some of the lateral movement possibilities in our environment that we weren't aware of."

### Enhanced Controls

"The recommendations SafeBreach provides are helpful," said the security engineer. "I regularly use the simulation results to tune our capabilities."