



STREAMLINING THE DEVELOPMENT, TESTING AND DELIVERY OF QUALITY, SECURE MOBILE APPS

Building and releasing innovative, secure mobile apps for their banking and financial clients requires FIS's development and quality teams to move fast. To keep pace, FIS follows a continuous delivery model and needed both app quality and security testing to integrate with their development workflow. FIS chose NowSecure Lab Workstation to identify security flaws in their mobile apps before those vulnerabilities expose them or their customers to the risk of compromise.

1,600

MOBILE APP
DEVELOPMENT CLIENTS

3.4 MIL.

USERS OF THOSE
MOBILE APPS

40%

AVERAGE REDUCTION IN
SECURITY TESTING TIME

ABOUT FIS™:

FIS™ is the world's largest global provider dedicated to banking and payments technologies. FIS empowers the financial world with payment processing and banking solutions, including software, services and technology outsourcing. As former director of quality for FIS's mobile products and services, Steven Winter managed quality, including security testing, for FIS's award-winning mobile banking and payment solutions.

CHALLENGES:

1. *Security and trust are critical for our brand*

Security breaches cost businesses millions of dollars annually, negatively affect a company's reputation, and erode their customers' trust. As a result, FIS's clients in the banking and financial services industries take security seriously. "Security is a tremendous focus for us as an enterprise, we have to be the best or we are out of business," Winter said.

2. *Pace of today's development surpasses legacy approaches*

Winter and his team need to ensure that any mobile app developed for a client is secure and performs flawlessly, but they must do so without slowing down a release. "We work hard to help our banking customers get their apps to market quickly and securely, delivering a rich, intuitive user experience while maintaining the highest level of security possible," Winter said. "When you boil it all down, our job really comes down to trust."

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-Steven Winter

3. The mobile security threat landscape evolves hourly

To stay on top of a constantly evolving mobile threat landscape, Winter found himself scrambling to track the barrage of mobile threats that were not always device specific. “The mobile landscape changes by the minute, hour and day. It’s critically important to have current, trusted tools that are capturing and applying all the known security exploits to not only the application layer, but the device layers, servers, etc.”

NowSecure originally caught Winter’s attention with research published by NowSecure’s team of mobile app penetration testing experts and security researchers. “They published thought-provoking reports full of timely findings and guidance on what people should be doing about them,” Winter said. “I have to rely on people that know more than I do.”

SOLUTION:

To identify security flaws in mobile apps during the development process, and before a mobile app is released to the client or the public, FIS chose NowSecure Lab Workstation. Lab Workstation is a pre-integrated hardware-and-software rig purpose-built for security assessments of Android and iOS apps.

In streamlining FIS’s mobile quality and security testing, Winter appreciated that Lab Workstation came preconfigured to perform in-depth static and dynamic mobile app security testing on actual devices rather than emulators. In addition, Lab Workstation not only tests mobile apps for the latest security vulnerabilities, but reduces security testing time by an average of 40 percent.

“At FIS, we have assembled an exceptional team and industry-leading tools to test quickly and regularly,” Winter said. “We couldn’t do what we do and how well we do it without NowSecure’s mobile security technology and expertise.”

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RESULTS:

By identifying security flaws in mobile apps earlier and with less effort, FIS can deliver secure apps and features to their clients more quickly. “Thanks to our partnership with NowSecure, I don’t stay up too much at night worrying about security,” Winter said. “That allows me to focus on the fires in front of me, the ones I’m battling now – and those I see on the horizon. I have to trust that we are inspecting and finding the right stuff so our clients don’t get hurt. I only have to step back and look at the volume of users we have using and trusting our apps to know we are doing our job well.”

For more information on FIS Global’s mobile banking solutions, visit www.fisglobal.com.

For more information about NowSecure mobile security solutions, visit www.nowsecure.com.



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