Bishop Fox | Case Study

SECURING MOBILE SECURITY

BLUEBOX

Software Security Meets Cybersecurity

About Bluebox Security Software

Founded in 2012, Bluebox set out to address a security concern that impacts enterprises and users alike — what happens when mobile apps aren't as secure as they appear or claim?

That's where Bluebox comes in.

Bluebox which was acquired in April 2016 by Lookout — a cybersecurity company focused in mobile security challenges — provides mobile application instrumentation to enhance app security and afford enterprises the ability to detect and respond to attacks. Their innovative solution addresses enterprise-level visibility, control, and security needs with the speed, ease of use, and privacy demanded by mobile users. Any company claiming to help secure others needs to be secure themselves.

Computer science legend Brian Kernighan once said, "Everyone knows that debugging is twice as hard as writing a program in the first place. So if you are as clever as you can be when you write it, how will you ever debug it?"

The Challenge

Watching the watchmen

Bluebox boasts leading talent in mobile application development and security on their team, so choosing a trusted advisor meant choosing someone they all could agree on as the best. Co-founder Adam Ely reached out to Bishop Fox's leading Android and iOS experts for help in performing a mobile security assessment of their security products.

HIGHLIGHTS

CUSTOMER	Bluebox, now Lookout
WEBSITE	lookout.com
ORGANIZATION TYPE	Security Software
SERVICES PROVIDED	• Mobile security assessments for Android and iOS • Web application penetration testing • External penetration tests of infrastructure and online portal
SUMMARY	Bluebox engaged Bishop Fox to assess the security of their security solution. Bishop Fox conducted a thorough review of the solution, including the online portal, and delivered a detailed report of findings and recommendations. Bluebox's engagement with Bishop Fox represents their commitment to the security of their solution and providing peace of mind to their customers.

> **"** Bishop Fox is like the doctor's doctor. There was no debate where we would go to ensure the state of our security product. **"**
>
> *Adam Ely, Bluebox co-founder*

"They are the mobile security leaders; we're a mobile security company. It just made sense." As the chosen security vendor for a security vendor, Bishop Fox was ready to get to work.

Forming a partnership

Our team performed mobile security assessments for Android and iOS, web application penetration testing and external penetration tests of Bluebox infrastructure and online portal to give them an accurate picture of their state of security. Through successive iterations of testing, we helped Bluebox find and iron out some of the most sophisticated and complex bugs that regular testing and scans don't cover.

> **"** The Bluebox security team is super sharp and was always on the ball to get us what we needed, when we needed it. We talked with Bluebox's team daily about findings, fixes, and functionality. **"**
>
> *Carl Livitt, Partner at Bishop Fox*

"Bluebox has clearly put their money where their mouth is when it comes to building a novel, sophisticated mobile security platform." The daily meetings allowed both teams to get technical and dive deep into discoveries at a level not often reached within the scope of many other mobile security assessments.

The Result

Mobile Security Success

Bluebox implemented Bishop Fox recommendations and solutions to strengthen their security controls and improve their monitoring, auditing, and security event aggregation.

> **"** We wanted a firm whose name carried weight for those in the know. We weren't looking for a rubber stamp approval from just anyone. We wanted real mobile security testing to know where we could improve for our customers. **"**
>
> *Adam Ely, Bluebox co-founder*

Bishop Fox helped prepare Bluebox to serve their own customers and to provide assurance that security wasn't just the top priority, but that security was the foundation upon which Bluebox is built."It's one thing to say you focus on security; it's another to show due diligence, follow best practice, and prove that you stand by your word," Ely said.

About Bishop Fox

Bishop Fox is a global security consulting firm providing penetration testing, web app assessments, and risk mitigation services to help businesses protect data and assets from cyberattacks. We provide actionable cyber-security guidance to the Fortune 1000, high-tech start-ups, and financial institutions worldwide.

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