

 MOBILE_DEVICE_
SECURITY_SERVICES Mobile Device Security Services

They watch you sleep, they watch you work, they hold all your personal and professional data, and they sacrifice security for performance and usability. Your mobile devices present attackers with a 24/7 threat surface (and don't think the hackers haven't noticed).

IOActive has performed extensive research into this technology space and our consultants are uniquely experienced to assess the security of leading mobile devices including iPhone and iPad, all Android and BlackBerry flavors, Nokia, and even the latest Windows 7 offering. IOActive combines its collective expertise in software, firmware, and hardware security assessment to provide a breadth and depth of skill and ingenuity that few other firms can offer. We employ custom-built tools and elite techniques that were developed specifically to perform audits and penetration tests on mobile devices < allowing us to deliver accurate and rapid results to our clients.

 ■ The Growing World of Mobile Apps.

With the success of platform-specific application stores, a booming industry of small, inexpensive applications for every mobile application need has arisen. While mobile platforms claim to offer insulation from cross-tenant attacks, the reality is that the contact surface provided by mobile frameworks cannot protect against every form of contamination. Until these marketplaces and platforms mature, users and developers need honest, tactical advice about application threat surfaces. IOActive's team has leverage their wide range of experience auditing these applications to create in-depth training on developing secure mobile applications.

 ■ Black-box Application Testing

During a black-box (zero knowledge) penetration test, IOActive assesses the mobile device's software and firmware security by simulating attacks created without access to source code. This testing approach enables IOActive to identify weaknesses, vulnerabilities, and attack vectors that could be exploited if a malicious attack were to occur. IOActive performs both local device and remote service penetration tests.

 ■ Malware Analysis and Detection

The state of malware currently is moving from proof-of-concept to publicly-documented attacks that target weaknesses in how mobile devices protect sensitive data. IOActive's malware analysis services are a cut above thanks to our customized tools and methodologies that were designed specifically to identify and analyze malware that targets mobile devices.

 ■ Source Code Review

IOActive consultants possess years of experience reviewing source code and regularly assist our clients with highly complex, advanced security challenges. Our highly skilled consultants can not only identify vulnerable design points and execution flaws that could result in security breach, but can explain the risk and impact to both technical and business audiences, as evidenced by our detailed reports. Our security consultants can advise your developers on how to address potential issues and avoid systemic, repeat problems in the future.

About IOActive

Passion and pride through quality work is rare, which is why IOActive has spent the last decade searching for the required blend of technical expertise and work ethic that comprise a world-class, international security team. We are committed to staying on the cutting edge of technologies and offering unrelenting value—something our customers have come to rely on over the years and can depend on in the future.

Established in 1998, IOActive is an industry leader that offers comprehensive computer security services with specializations in smart grid technologies, application security and compliance. Boasting a well-rounded and diverse clientele, we not only provide unparalleled technical services, we also strive to become a trusted advisor to our clients, enabling us to fully understand and help them achieve their business and security goals.

As a home for highly skilled computer security professionals, IOActive attracts the likes of Barnaby Jack, Ilja van Sprundel, Mike Davis, Michael Milvich and Walter Pearce. We also boast key advisors like Steve Wozniak and Jason Larsen, luminaries who affect how security and technology shape our world. IOActive's vast industry experience consistently helps our clients stay ahead of tomorrow's threats.



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