



*Mind the data  
gaps in your  
App*

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Paraben has been a leading expert in the field of mobile devices since 2001. This long-term level of expertise has given many companies the peace of mind to ensure that they know their data is safe, secure, and compliant.

Paraben's unique understanding of how the App within the mobile device works is all part of the expertise. Knowing the ins and outs of mobile forensics gives Paraben a unique perspective to see where the risk to App data is on the device or over the air. Knowing data from your App can pass with a forensic assurance brings you well beyond a basic quality assurance tests many other firms offer.

App reviewed for forensic integrity is crucial to ensure that you have nothing that will cause data leaks.

The App review process supports analysis from both Android firmware, and iOS firmware providing assurance that you can rely on where the App data is. A comprehensive 27-point analysis process that is unique to the industry.



## What is the process?

The first step in the analysis process of any App is to understand everything is 100% confidential between Paraben and your organization.

With each App we conduct a thorough three-tier evaluation process. Custom options are also available.

Step 1. Reverse Engineering Analysis

Step 2. Data Storage Analysis

Step 3. Runtime Analysis

Each Step of the process involves the highly trained and experienced expert engineers at Paraben. Our comprehensive 27-point analysis covers the primary areas of concern when it comes to App deployment.

Static Analysis – 9 key points, each outlined in our report.

OWASP Analysis - 10 key points, each outlined in our report.

Dynamic Analysis – 5 key points, each outlined in our report.

Server Attacks – 3 key points, each outlined in our report.

Detailed documentation on the process involved and suggestions for remediation at each step are included with this service. Once remediation is complete our team will do a final review to ensure that any vulnerabilities that were discovered during the analysis are resolved and that your App is as secure and forensically sound as possible.

## What is the cost?

Each evaluation is done on a custom bid basis. This allows us to clearly understand the needs and expectations of each client, and then to establish the end objective. All time after that is billed hourly at each step in the process. A final report is created outlining the closing assessment of the App, and solutions of remediation. Most App analysis take between 80 to 150 hours of work per firmware model.

Review of the remediated App is included in the initial bid. Returning customers get a discount on any patch work. The total time spent on patches associated with firmware updates is approximately 20-40 hours.

## How do I get started?

Contact your Paraben representative and ask to setup a mutual NDA so all discussions regarding the review are kept confidential. After the initial call you will be given a memorandum of understanding (MOU) that outlines the work and expectations. After that the work begins with weekly reports updating you on the progress of the evaluation.



FOR MORE INFORMATION

Please feel free to contact us at:

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[www.paraben.com](http://www.paraben.com)

Since 2001 Paraben has been a foundation in solutions for mobile devices, smartphones, email, and gaming system forensics. Paraben has been forging new approaches for dealing with digital evidence. Paraben's focus on mobility led to many other areas of innovation, including the research and development into the Internet of Things (IoT) with the Forensics of Everything™ (FoE). Paraben supports logical and physical images with mobile devices and supports 100% of the smartphones on the market. In addition, Paraben can add to an existing arsenal with specialized tools for unique data, such as network email servers, local email archives, internet related data, and gaming systems. Paraben provides software with a unified vision and interface for dealing with all types of digital data. From start-to-finish, Paraben offers solutions that can build new capabilities into any digital investigation.

Paraben Corporation is a Small Woman Owned Business