

Verimatrix® is the leading provider of software security solutions. Its automated application security instils trust in your Apps.

## Key features

- Industry leading protection for your software.
- Code Protection into your developers' build systems; any developer becomes a "security expert".
- Code Protection's unique automated code-analysis eliminates human error from the complex process of building a secure App.
- Code Protection irrevocably intertwines Obfuscation and Integrity Networks to prevent illicit modification or Static and Dynamic analysis.

## Platforms



## Languages

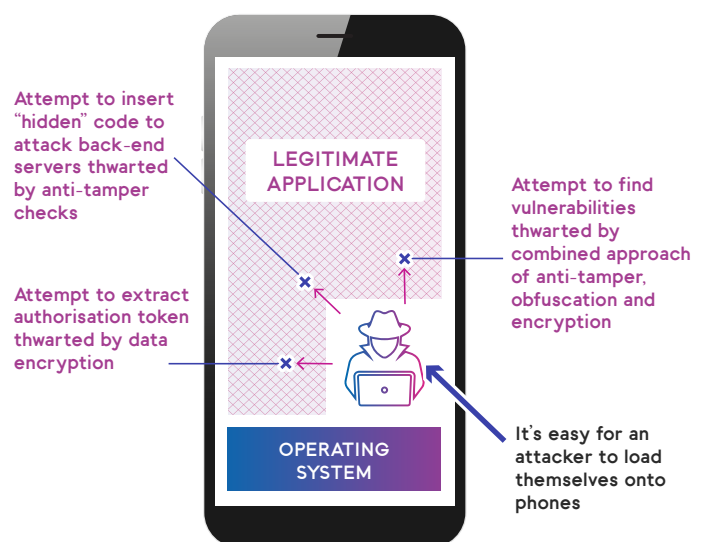
- C/C++
- Objective-C/C++
- Java
- Swift
- Kotlin

**Trust is at the heart of any modern business.** As the delivery of services moves from back-end servers to front-end devices – think website to mobile app – so application security becomes **a critical matter** to protect customers and brand.

## Opportunities and Risk

Moving the delivery of services to front-end devices (e.g. mobile phones) greatly **improves customer engagement**: the service is more responsive, can be used offline and delivered in a more interactive manner.

Unfortunately, it also means that sensitive personal information and valuable content is being stored on devices that are "in the wild". **Criminals are aware of the value of this data** and are able to use the vast resources at their disposable to illicitly access it.



## Powerful Protection

Verimatrix's Code Protection provides **powerful, automated Software Application Protection tools** applicable across Mobile and IoT platforms.

Code Protection makes applications **self-defending**. Rather than relying on discredited OS protections and sandboxes that do not work. Equally, legacy solutions such as root detection or simple obfuscation can be easily removed by hackers.

## Integrity Network

Integrity checking (aka anti-tampering) software is the foundation required to secure it. **It stops the software being modified**; meaning that malicious code cannot be injected into the app. It also greatly hinders reverse engineering attempts and stops other protections being lifted out of the app.

Code Protection creates a comprehensive, interconnected "check network" within your application. Each area of the code is **protected by multiple checks**. This network is near-impossible to remove programmatically and impractical to remove manually (too hard to find, too complex, too intertwined).

**Using Code Protection to protect your application results in software you and your customers can trust.**

## Obfuscation

On top of a powerful integrity network, Code Protection builds **layers of additional protection** such as code obfuscation and environmental checks.

## Easy Integration

Code Protection **integrates directly into your software build system** - with support out-of-the-box for all major development environments including XCode, Android NDK and Visual Studio. Your developers simply compile and build as normal.

## Automated System

Protections are applied by **Verimatrix's unique automated and analysis driven process**.

This:

- Removes the risk of human error creating weak or unchecked areas;
- Enables a large application to be protected as easily as a simple dummy shell;
- Minimises impact on performance;
- Means there is no need for specialist security knowledge.

For further details on all of Verimatrix's security solutions, visit [www.verimatrix.com](http://www.verimatrix.com)

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