



VERIMATRIX CODE PROTECTION



Verimatrix Code Protection provides automated, intelligent software security and ensures your apps are trustworthy.

Key features

- Automated code analysis eliminates human error from complex build process
- Obfuscation and Integrity Networks counteract illicit modification or Static and Dynamic analysis
- Provides deep integration, control and tuning giving the best of both security and performance
- Integrates straight into your build system – no code changes or SDK integration required

Platforms



Languages

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

Trust is at the heart of any modern business.

The correct cybersecurity approaches re-enforce that trust; bad ones can lead to irreparable damage.

The increase in open mobile devices and low cost IoT widgets means more software than ever is released into wild, exposed environments. While the platforms themselves maybe secure, your application can still be vulnerable to attack – platform security is not designed to keep your software safe. With your software exposed, so is the valuable IP, corporate secrets and personal information.

Remember, if your software is valuable to you and your customers, then it is valuable to hackers.

Software developers have to take responsibility to protect their applications.

Powerful Protection

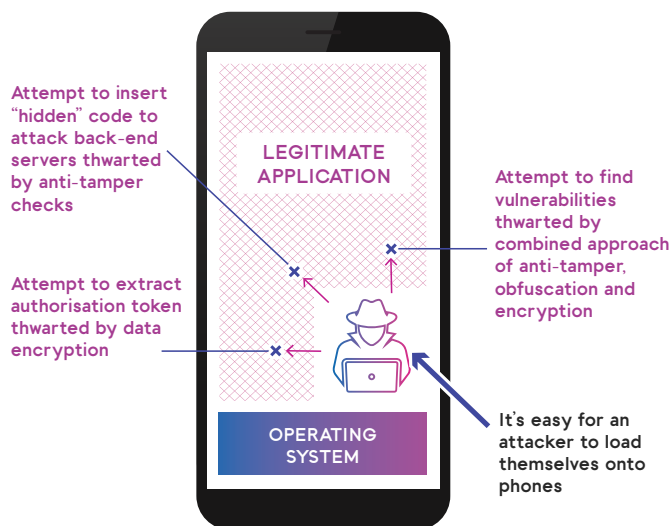
Verimatrix's Code Protection provides powerful, automated software application protection tools applicable across any environment – including mobile and IoT platforms.

Code Protection makes applications self-defending. It augments protections implemented by modern operating systems – safeguarding your code whether on device or off. Proven in the toughest markets, like finance and movie streaming, and validated against the most stringent security standards – Verimatrix's technology provides protection you can trust.

Integrity Network, Obfuscation

Code Protection builds layers of protection into your code. It starts with code obfuscation. This hinders any analysis of the code - frustrating hackers. Environment checks are then added. This allows you to trust that your code is executing where you want it to and not on a device of an attackers choosing.

The code is then locked down by anti-tamper technology (aka integrity checks). This creates a comprehensive, interconnected “check network” within your application. Each area of the code being protected by multiple checks. It stops software from being modified; meaning that malicious code cannot be injected into the app, it greatly hinders reverse engineering attempts and stops other protections being lifted out of the app.



ProtectMyApp

Built on the same technology base, the award winning ProtectMyApp re-visions how mobile developers interact with code protection. Available through a web portal for zero-integration, zero-code protection or as on-premise tools for maximum optimization control.

You can try it today by visiting protectmyapp.com.

Easy Install, Deep Integration

Code Protection integrates directly into your software build system. It has out-of-the-box support for all major development environments, including XCode, Android NDK and Visual Studio. It is easy to install, with minimal dependencies, and for most applications the default configuration is all that is needed. Your developers simply compile and build as normal.

Where control and optimization is need, the deep integration empowers Code Protection to perfectly balance your performance and security needs.

Automated System

Verimatrix applies these protections automatically. This powerful, analysis-driven process achieves several goals. It removes the risk of human error creating weak or unchecked areas; enables a large application to be protected as easily as a simple “hello world”; minimizes impact on performance; and eliminates the need for specialist security knowledge.

For further details on all of Verimatrix solutions, visit www.verimatrix.com

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