



DATA SHEET

VERISIGN® CODE SIGNING PORTAL BY SYMANTEC™

SUPPORT APPLICATION DEVELOPMENT AND DISTRIBUTION WITH BEST-IN-CLASS CODE SIGNING SECURITY

With billions of apps downloaded from app stores around the globe, application development is one of the fastest growing industries in the world. Apps are now everywhere—from mobile phones to automobile telematic systems and beyond—and code signing has become an essential part of the application development and distribution process.

Although commonly associated with online app stores, code signing can be implemented in any environment where applications are supplied by third parties—such as developers and publishers—for mass distribution and use by consumers. These environments can be managed by a wide variety of application providers, including OEMs for automobiles and consumer electronics, operating system providers, mobile network operators, and more. With a robust code signing solution, apps providers can keep their environments free from malware, shielding their corporate reputations from cybercrime and the serious liabilities that come with it.

By securing apps with code signing, OEMs and other apps providers can not only enable developers to create safe applications and help end users enjoy a secure downloading experience, but also safeguard the entire thriving, highly profitable apps ecosystem.

ROBUST, COST-EFFECTIVE CODE SIGNING SOLUTION THAT OFFERS COMPLETE VISIBILITY AND CONTROL

With VeriSign Code Signing Portal by Symantec, OEMs and other apps providers can offer a highly secure, robust environment for developers to test, sign, and verify their application code. A fully customizable turnkey solution, VeriSign Code Signing Portal enables OEMs to meet the exacting needs of developers while skipping the expensive, time-consuming process of building an in-house system.

Often, stores that host applications on their sites do not check them for malware and other security risks before making the apps available for download. By using VeriSign Code Signing Portal, third party developers can be vetted before they are allowed to sign code.

VeriSign Code Signing Portal also gives OEMs complete visibility and control over the signing status of every application build across the system. If an app is compromised, OEMs can easily identify the particular build that has been infected and immediately revoke its certificate. Not only that, but OEMs can check certificate validity via OCSP or CRL, capabilities that help contain and minimize potential security breaches.

VeriSign Code Signing Portal authenticates the identity of publishers from anywhere in the world and verifies the content integrity of every application in the environment, making it easy for OEMs and other providers to protect the integrity of the apps ecosystem while encouraging software adoption and boosting end user satisfaction.

KEY BENEFITS:

- **Easily integrate the entire code signing process**
Robust solution makes testing, signing, and verifying code simple and effective
- **Reduce cost and complexity**
Customizable features help providers avoid expensive, complicated in-house solutions
- **Gain complete end-to-end visibility and control**
See the signing status of every application build across the system, immediately revoke the certificate of any compromised app, and grant different levels of access to provider's APIs
- **Help ensure infrastructure is secure at all times**
Best-in-class solution from Symantec prevents malicious code from infecting systems and keeps infrastructure clean by identifying every publisher and authenticating every application build, standards that no other Certificate Authority upholds

TRUSTED BY LEADERS IN THE APPLICATIONS INDUSTRY

Many leaders in the apps industry rely on VeriSign Code Signing Portal, including **Windows Phone Marketplace**, the **AT&T Developer Program**, **Java Verified**, and **Symbian Signed**. These companies have recognized the benefits of allowing third party developers to access to their application stores and hosting environments while minimizing the risk of security breaches.





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PROTECT THE ENTIRE APPLICATION LIFECYCLE WITH CLOUD-BASED TOOL

From the initial development of prototypes, to testing, to the publication of final application builds, Code Signing Portal can be used to secure every stage of the application lifecycle (please see "Typical Application Publishing Lifecycle" diagram on page three). With an easy-to-use API, VeriSign Code Signing Portal can be seamlessly integrated into the development cycle, automating the process and eliminating the burden of manual signing for developers. As a cloud-based solution, developers do not need to worry about service updates, further reducing the management burden. With VeriSign Code Signing Portal by Symantec, OEMs and other application providers can focus on what matters most—creating the best possible apps and distributing them to users safely and securely.

FEATURES:

- **Turnkey system**
Easy-to-deploy system enables providers to deliver end-to-end code signing for developers at a lower cost than in-house solutions
- **Quick deployment of signing code for developers**
Turnkey solution enables rapid code signing implementation across organizations—including individual developers and software publishers—of any size (please see "Step-By-Step Signing Process and the Developer Experience" diagram on page three)
- **Enhanced, event-based security**
Event-specific signatures allow providers to track security status and revoke certificates for particular builds at any time, enabling administrators to limit revocation to altered builds or builds containing malicious code
- **Support multiple functions with a single account**
One Code Signing Portal license can accommodate multiple developers around the world with support for major languages, providing scalability and lowering costs
- **Auditing and reporting tools for complete visibility and control**
See all application builds and signing status across the system while audit trails and revocation capabilities help ensure infrastructure security at all times
- **Highly customizable functionalities**
Level of authentication, test or no-test options, communication preferences, and other features are customizable and can be branded by providers
- **Cloud-based deployment with easy-to-implement API**
Cloud-based solution with a user-friendly API allows code signing to be seamlessly integrated into development process, eliminating the burden of manual signing and dealing with service updates
- **Code signing security from recognized leader with 15+ years industry experience**
With more than 15 years of experience, VeriSign Authentication —now a part of Symantec—is a reliable, responsive partner that maintains the industry's highest standard in its authentication practices

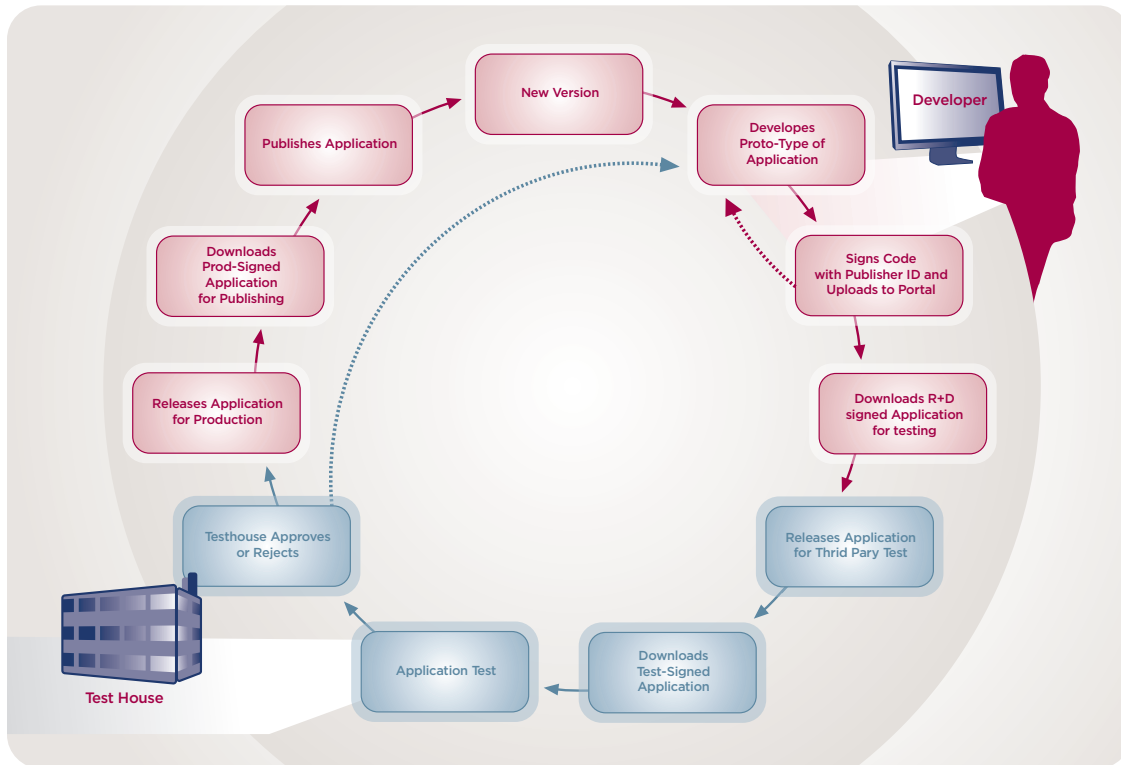
IDEAL FOR A VARIETY OF ORGANIZATIONS

VeriSign Code Signing Portal by Symantec can be employed by a wide range of entities, including:

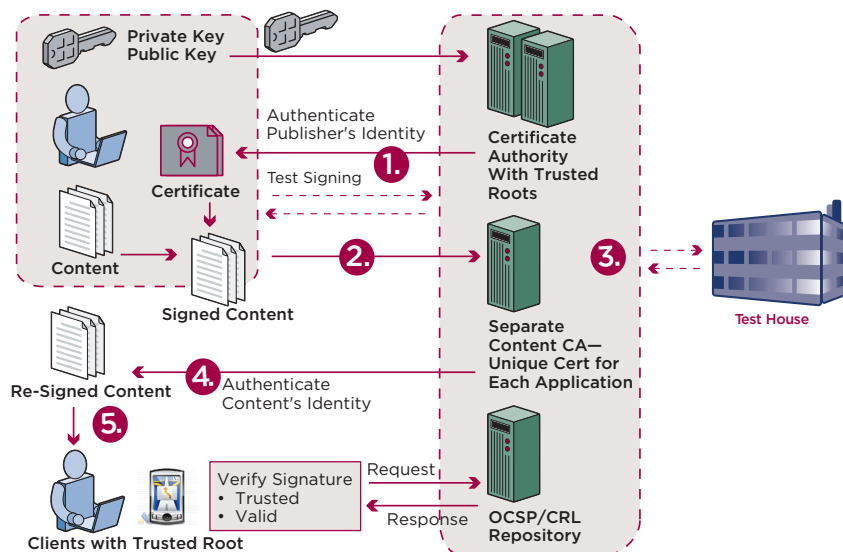
- **Automobile and telematic systems OEMs**
- **Consumer electronics and mobile device OEMs**
- **Operating system providers**
- **Mobile network operators**
- **App stores**

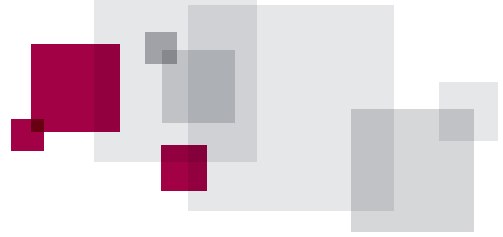


TYPICAL APPLICATION PUBLISHING LIFECYCLE



STEP-BY-STEP SIGNING PROCESS AND THE DEVELOPER EXPERIENCE





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LEARN MORE

To learn more about VeriSign Code Signing Portal by Symantec, please visit:

<http://www.verisign.com/code-signing/>

Or you may also contact:

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