



DATA SHEET



## AT A GLANCE

- + Microsoft's preferred provider of signing services for its platforms and certification programs and sole provider of signing for Windows Mobile
- + Supports Microsoft Authenticode, Microsoft Office and VBA, and Microsoft Mobile2Market
- + Verifies your software is safe to download, eliminates disruptive security alerts and reduces support enquiries
- + Protects your brand and your end users with verified publisher identity and content integrity
- + Supports your market reach efforts through the Windows Logo programs and Mobile2Market Application Certification

## VeriSign® Code and Content Signing for Microsoft Applications

### + Authentication and Security for Executable Microsoft Code

In the anonymous world of the Internet and wireless networks, no software publisher is free from the risks of impersonation and code tampering. VeriSign Code and Content Signing services enable developers on Microsoft platforms to protect their reputation and their customers, expand their market presence through participation in Microsoft Logo and certification programs and increase the adoption of their downloadable code by allowing end users and their devices to easily distinguish between code that can be trusted and code that may be questionable.

Microsoft's preferred provider of code signing solutions, VeriSign, provides robust, proven code signing services for Microsoft Desktop Developers, Windows Logo program participants and Windows Mobile Developers. These VeriSign services provide end users with the utmost digital protection round downloadable code and content – verifying both your identity and the integrity of your code. In the case of developers of Windows Mobile Software, protection is extended to wireless network providers and their subscribers.

*For Microsoft Desktop Developers – Code signing for 32-bit and 64-bit user and kernel mode code; VBA macros and Office executables*

Developers of Microsoft desktop code including plug-ins and ActiveX controls are able to leverage a VeriSign Code Signing Certificate for Microsoft Authenticode to sign code executable in Microsoft Internet Explorer®, Exchange, Outlook® and other Microsoft programs – thus avoiding the security alerts that warn end users of unsigned code or the risk of the code not loading at all. Supported file types include 32-bit and 64-bit user mode (.exe, .cab, .dll, .ocx and .xpi files) as well as kernel mode software. VeriSign is among a select few Certificate Authorities to support kernel mode signing.

Developers of VBA macros, add-ins, and other executables for Microsoft Office and other applications are able to leverage a VeriSign Code Signing Certificate for Microsoft Office and VBA – thus assuring users of a seamless experience, uninterrupted by security warnings or failures in loading macros.





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*For Windows Mobile Developers – Protection for wireless software publishers, networks and subscribers*

Developers of Windows Mobile Software are able to leverage VeriSign Flexible Signing Account for Microsoft® Mobile2Market, which enables multiple developers across an organisation to sign code for delivery on Windows Mobile platforms for both Privileged Access and Normal Access. The solution is designed to support the rapid recall of faulty code, which is extremely critical in wireless network scenarios.

*For Developers Applying for Microsoft Certification – Comprehensive, convenient support for Windows Logo and Mobile2Market Programs*

VeriSign Code Signing Certificate for Microsoft Authenticode provides a convenient one-stop solution for developers (1) securing a Winqual account and then (2) applying for entry into the Windows Logo program. The VeriSign solution enables developers of client software to sign their code when applying for the “Certified for Windows Vista” or “Works with Windows Vista” logo, and developers of server software to sign their code when applying for the “Certified for Windows Server 2008” or “Works with Windows Server 2008” logo. The solution also enables hardware developers to sign their embedded code in order to be certified for the equivalent designation.

Windows Mobile developers participating in the Microsoft Mobile2Market application certification program can leverage VeriSign Flexible Signing Account for Microsoft Mobile2Market to sign code for Privileged Access – a mandatory step in allowing code to access sensitive APIs, and thus vital to enabling your application to be distributed more widely. Only VeriSign provides code signing for Windows Mobile Software.

### **+ VeriSign Code Signing Certificate for Microsoft Authenticode & VeriSign Code Signing Certificate for Microsoft Office and VBA**

- **Based on public key infrastructure and digital signature technology** – VeriSign Code Signing Certificate for Microsoft Authenticode & Microsoft Office and VBA enable you to digitally shrink wrap downloadable code to remove the impediment of pop-up alerts during downloading and prevent criminals from hijacking your name to distribute malicious code.
- **Designed for maximum flexibility and lower TCO** – Publishers are able to leverage variable length validity periods (one to three years), unlimited signing with a valid certificate, easy renewal and revocation and a no-cost timestamping option to extend a digital signature’s validity indefinitely, leading to reduced total cost of ownership (TCO).
- **Leverages root certificate ubiquity** – VeriSign root certificates come preinstalled on most devices and embedded in most applications, which is not the case for other code signing solutions. These applications include Microsoft Internet Explorer, Exchange, Outlook, Outlook Express, Office and other popular Microsoft applications.
- **Underpinned by an extensive legacy of trust** – VeriSign provides a firm foundation of trust through extensive vetting of signing organisations, including verifying that a signing entity is a legally registered organisation and contacting each organisation using independently verified contact information to ensure it is that organisation that is requesting a certificate. In addition, annual audits by KPMG confirm the thoroughness of VeriSign’s approach to identity assurance.



### + VeriSign Flexible Signing Account for Microsoft Mobile2Market

- **Powerful event-specific signing for rapid recall of compromised code** – Providing all the features and advantages of VeriSign's Code Signing Certificates, a VeriSign Signing Account leverages two types of digital certificates – a Publisher ID certificate and an event-specific Content ID certificate. The Publisher ID is validated in real time each time a digital signature is used. A unique Content ID certificate, meanwhile, is generated with each digital signature, enabling the easy identification and recall of specific code or content to protect wireless networks and subscribers, without impacting your other applications or versions. Publishers can manage all their signing activities through an intuitive Web portal.
- **Integration of signing activities with software development process** – A VeriSign Flexible Signing Account provides a SOAP-based Publisher API in addition to the normal browser-based interface for signing code. Developers can use the API to script their signing activities and integrate them into the overall application development process.

### + Why VeriSign?... Why Now?

Behind every code signing solution is a Certificate Authority (CA) such as VeriSign. VeriSign operates the Internet infrastructure that supports the .com and .net high-level domain name services, and has done so with 100 per cent availability since 1998. VeriSign SSL Certificates secure more than one million Web servers worldwide. In the realm of code signing certificates, VeriSign supports more leading software platforms than any other CA, and eight out of ten code signing users choose VeriSign.<sup>1</sup>

As more business moves to the Internet and as more users go wireless, the software authentication stakes are only getting higher. To find out how VeriSign Code and Content Signing can help your company comply with Microsoft Authentication and certification programs, sell more software, reduce marketing and delivery costs, and create a more loyal customer base, please visit [www.verisign.co.uk/code-signing](http://www.verisign.co.uk/code-signing) today.

### + Learn More

To contact a VeriSign sales representative, call 0800 032 2101, or send an e-mail to [CodeSigningEMEA@verisign.com](mailto:CodeSigningEMEA@verisign.com).

Visit us at [www.Verisign.co.uk](http://www.Verisign.co.uk) for more information.

<sup>1</sup> Online interactive survey of software developers and decision makers, conducted by VeriSign, 7/2008