



DATASHEET

Code Signing Certificates

Secure Distributable Code and Increase Download Rates by Eliminating Security Warnings

Unsigned software is subject to tampering, such as the insertion of spyware or malware, so end users are encouraged not to run unsigned code. Downloading or running unsigned applications will generate worrying "Unknown Publisher" security warnings.

Digitally signing code proves the signed software is legitimate, comes from a known software vendor and that the code has not been tampered with since being published. The security warnings that appear with unsigned code are replaced with notifications containing the software publisher's information – adding an essential level of trust to the application.

Standard Code Signing vs. Extended Validation (EV) Code Signing

EV Code Signing Certificates build on the existing benefits of standard Code Signing Certificates, but offer stronger levels of assurance that the identity of the publisher is correct and has been verified.

- Stricter vetting process verifies more information about the publisher, making it more difficult to impersonate a legitimate developer and obtain a falsified credential
- Immediate reputation with Microsoft SmartScreen Filter removes scary warning messages to end users that the application might be malicious

SUPPORTED PLATFORMS

GlobalSign Code Signing Certificates are used by developers on all platforms to digitally sign applications and software. The same certificate can be used to sign code on any of the following platforms:

- Microsoft Authenticode (32 and 64 bit) files, ActiveX controls and Kernel software
- Microsoft Office Macros, VBA
- Java Applets
- Mozilla and Netscape objects
- Adobe AIR files
- Apple Mac OS applications

Feature Comparison	Standard	Extended Validation (EV)
Information displayed in certificate	Organization Name	Organization Name Organization address Type of Organization
Removes "unknown publisher" security warnings	✓	✓
Signature does not expire when timestamp is applied	Timestamping available & recommended	Timestamping available & recommended
Sign an unlimited number of applications	✓	✓
Compatible with major platforms	✓	✓
Certificate stored on hardware token	✓	✓
Immediate reputation with Microsoft SmartScreen	No	✓

About GlobalSign

GlobalSign is the leading provider of trusted identity and security solutions enabling businesses, large enterprises, cloud service providers and IoT innovators around the world to secure online communications, manage millions of verified digital identities and automate authentication and encryption. Its high-scale Public Key Infrastructure (PKI) and identity solutions support the billions of services, devices, people and things comprising the Internet of Everything (IoE).

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