GlobalSign Root CA Certificate Support
2048 BIT ROOT CERTIFICATE WITH STRONG SGC ENCRYPTION

In today's interconnected world, your online solutions need to interact seamlessly with customers connecting to your web server, reading your emails, running your code or trusting your electronic documents. The GlobalSign Root Certificate is present in every popular machine, device, application and platform that utilizes the trust of Public Key Infrastructure (PKI) e.g. SSL/TLS, S/MIME, Code Signing and Document Signing.

THE STRONGEST ROOT CERTIFICATE AVAILABLE TODAY

In 1998, GlobalSign had the foresight to create a strong Root Certificate by using 2048 bit RSA keys. This makes the GlobalSign Root Certificate the most widely distributed Certification Authority to already meet the NIST (National Institute of Standards & Technology) recommendation that from 2011 onwards all cryptographic keys should be 2048 bit in strength. Anything less than 2048 bit will most likely be deemed insecure, which has prompted the

CA/Browser Forum to insist that all Extended Validation SSL certificates are to be 2048 bit from the 1st January 2009 in anticipation.

GlobalSign can offer 2048 bit strength across our entire Digital Certificate portfolio.

GlobalSign is also one of the few Certification Authorities that can offer SGC (Server Gated Cryptography). This enables SSL Certificates to "force" web servers to create a strong 128 bit encrypted connection with older, weak 40 bit encryption browsers. To customers, the added strength of a 2048 bit root and the inclusion of SGC strong encryption is transparent – and to you, you are safe in the knowledge that the strongest encryption available is always being used to secure your communications.

SUPPORTED APPLICATIONS, OPERATING SYSTEMS & PLATFORMS

Extended Validation Browsers
• Microsoft Internet Explorer 7+ (Vista)
• Microsoft Internet Explorer 7+ (Windows XP)*
• Opera 9.5+
• Firefox 3+
• Google Chrome 0.3154.9 +
• Apple Safari 3.2 +
• Apple iPhone 3.0 +

Web Browsers (SSL/TLS enabled)
• Microsoft Internet Explorer (IE) 5.01+
• Mozilla Firefox 1.0+
• Opera 6.1+
• Apple Safari 1.0+
• Google Chrome
• AOL 5+
• Netscape Communicator 4.51+
• Red Hat Linux Konqueror (KDE)
• Microsoft WebTV
• Camino
• Konqueror (KDE) 2.0.0 +

Major Operating Systems
• Microsoft Windows XP, Vista and 7 (all versions inc 32/64 bit)
• Apple MAC OS 9.0+ (circa 2002), includes 10.5.X and 10.6.X
• All Major Linux Distributions (Debian, Ubuntu etc)

Email Clients (S/MIME)
• Microsoft Outlook 99+
• Microsoft Entourage (OS/X)
• Mozilla Thunderbird 1.0+
• Qualcomm Eudora 6.2+
• Lotus Notes (6+)
• Netscape Communicator 4.51+
• Mulberry Mail
• Apple Mail
• Mail.app
• Windows Mail
• The Bat

Application Suites
• Microsoft Authenticode & Visual Basic for Applications (VBA)
• Adobe AIR
• Sun Java JRE (1.4.2 Update 16+, 5.0 Update 13+, 6 Update 3+)
• Mozilla Suite v0.9.8+
• SeaMonkey
• OpenSSL.org's OpenSSL v0.9.5+
• Google Checkout

Document Security Platforms
• Adobe Certified Document Services (CDS) for Adobe PDF
• Microsoft Office (Word, Excel, Powerpoint, Access,InfoPath)

Mobile OSs, Micro Browsers, Handsets & Game Consoles
• Apple iPhone, iPod Safari
• Microsoft Windows Mobile 5/6
• Microsoft Windows CE 4.0
• Microsoft Internet Explorer Pocket PC 2003
• Microsoft Internet Explorer Smartphone 2003
• RIM Blackberry 4.3.0
• NTT / DoCoMo
• SoftBank Mobile
• KDDI
• Brew
• PalmOS 5.x
• Netfront 3.0+
• Opera 4.10+
• Openwave mobile browser 6.20+
• Major Operators inc. Vodafone, Orange, AT&T
• Major Handset providers SonyEricsson, Nokia, Alcatel & Palm (S40/S60/S80/OSSO) based Handsets from 2002
• Sony PlayStation Portable
• Sony PlayStation 3
• Nintendo Wii

Default API Support within Hosting Control Panels
• WHMCS
• Ubersmith

GLOBALSIGN-READY ROOT EMBEDDING PROGRAM

Our GlobalSign-Ready worldwide root embedding program has been in operation for over 10 years. The result - the 2048 bit strength GlobalSign Root Certificate is the most widely distributed Certification Authority, present in all popular browsers, OSs, applications and mobile devices. It is this universal support that means your Digital Certificates are transparently trusted by each and every customer - wherever and whenever they use your services.

The GlobalSign Ready program is run by all the International GlobalSign offices (US, UK, Continental Europe, Japan & China) where our global presence enables the highest level of public trust, even for niche new devices and applications – accelerating us years ahead of other Certification Authorities.

DEVICE MANUFACTURERS & SOFTWARE HOUSES
Contact embedded@globalsign.com to ensure your new applications and devices support GlobalSign Certificates. Program Membership is free and benefits include root inclusion and updates, security updates and implementation assistance.

www.globalsign.com

SSL Certs
Code Signing
Doc Signing
Digital IDs

A Leader in Online Security & Authentication Solutions for over 10 years

GlobalSign Ready v2.4