



Sectigo Certificate Authority

Root Keys

Browser Recognition

99.9% of Internet users inherently trust SectigoCertificates – equivalent to VeriSign and Thawte! Our Root is trusted by over 99.9% of all current browsers, including Internet Explorer 5.01 and above, Firefox 1.0 and above, Google Chrome (all versions), Apple Safari 1.2 and above, Opera 6.1. and above and many others.

Sectigo have one of the most extensive Rootkey portfolio's trusted by over 99.9% of All browsers

SGC (Server Gated Cryptography)

SGC compatible Root Certificates are important for online businesses so that consumers with older systems can interact safely and securely in online transactions. SGC technology enables older systems to step-up to 128-bit encryption (from 40-bit or 56-bit) so that SGC-enabled Certificates can offer strong encryption to over 99.9% of site visitors.

Key Size

The UTN and AddTrust Root Certificates employ 2048-bit keys. This is a critical consideration as it would technically be possible to break a 1024-bit keys much, much more quickly than a 2048-bit keys because fundamentally, 1024-bit keys are easier to factor which makes the guessing attack much faster. Importantly, new SSL certification standards being developed by major browser providers like Microsoft and leading CAs such as Sectigo, identify 2048-bit CA key sizes as the new standard.

Signature Algorithm

The signature algorithm used to sign the UTN and AddTrust Root Certificates is "SHA-1 with RSA Encryption". SHA1 is recognized as the strongest available standard.

SectigoCA Rootkeys

- SecureCertificateServices
- TrustedCertificateServices
- AddTrustPublicCARoot
- SectigoCertificationAuthority
- AAACertificateServices
- AddTrustQualifiedCARoot
- UTN-DATACorpSGC
- AddTrustClass1CARoot
- AddTrustExternalCARoot
- UTN-USERFirst-Hardware
- UTN-USERFirst-Object
- Windows Root Update
- UTN-USERFirst-ClientAuthentication and Email

Signature Algorithm

Web Browsers:

Microsoft Internet Explorer 5.01 +
Mozilla Firefox 1.0 +
Mozilla 0.6 +
Google Chrome
Konqueror (KDE)
Netscape 4.77 +
Opera 6.1 +
Apple Safari 1.2 +
Camino 1.0 +
AOL 5 +

Mobile Devices / PDAs / Micro Browsers / Games Consoles

Android 1.5 +
iOS 1.0 +
Windows Phone 7 +
Microsoft Windows Mobile 5/6
Blackberry 4.3.0 +
Microsoft Windows CE 4.0
Microsoft IE Pocket PC 2003
Microsoft IE Smartphone 2003
Palm OS 5.0 +
Netfront Browser 3.0 +
KDDI Openwave 6.2.0.12 +
Brew
Opera Mini 3.0 +
Opera Mobile 6.0 +
NTT / DoCoMo
Sony Playstation Portable
Sony Playstation 3
Nintendo Wii

Extended Validation Browsers:

Microsoft Internet Explorer 7 + (Vista)
Microsoft Internet Explorer 7 + (Windows XP)
Opera 9.5 +
Firefox 3 +
Apple Safari 3.2 +
Google Chrome 1 +
Server Platforms
Apache

BEA Weblogic
C2Net Stronghold
cPanel / Web Host Manager
Ensim Control Panel
Hsphere
IBM HTTP Server
iPlanet Server / Sun One
Java Web Server (Javasoftware / Sun)
Lotus Domino
Microsoft IIS
Microsoft ISA
Microsoft Live Communication Server
Microsoft SQL Server 2005
Netscape Enterprise Server
Novell ConsoleOne + Novel Webserver OpenLDAP
Oracle HTTP Server
Plesk
Tomcat
Webmin
WebSTAR
Zeus Web Server
All other SSL-Capable Server Platforms

Email Clients (S/MIME):

Microsoft Outlook 99 +
Microsoft Entourage (OS/X)
Mozilla Thunderbird 1.0 +
Microsoft Outlook Express 5 +
Qualcomm Eudora 6.2 +
Lotus Notes (6 +)
Mail.app (Mac OS X)
Microsoft / Windows Mail 1.0 + (Vista)
The Bat 1 +

Application Suites:

Microsoft Authenticode
Visual Basic for Applications (VBA)
Adobe AIR
Sun Java SE 1.4.2 +
Mozilla Suite 1.0 +
Sea Monkey

Document Security Platforms:

Microsoft Office (Word, Excel, Powerpoint, Access, InfoPath)

About Sectigo

In an ever-expanding digital universe full of mounting security threats, Sectigo (formerly Comodo CA) is the web security partner best-equipped with the industry expertise and innovative technologies to help customers across the globe protect, monitor, recover, and manage their web presence and connected devices so that companies can have the confidence to seize their futures in the digital age.

A partner trusted by enterprises globally for more than 20 years, Sectigo provides digital identity solutions for businesses of all sizes, protecting their employees, customers, intellectual property, and overall brands from online threats. As the largest commercial Certificate Authority, with more than 100 million SSL certificates issued across 150 countries, Sectigo has the proven performance and experience to meet the growing needs of securing today's digital landscape.

For additional information on Sectigo –
Creating Trust Online™ visit www.sectigo.com

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The Sectigo logo, consisting of the word 'SECTIGO' in a bold, italicized, black sans-serif font.