

# Enterprise SSL™



## FEATURES & BENEFITS

- **What's included:**
  - Powerful 1024-bit signed RSA certificates
  - Centralised, web-based administrative portal for certificate management
  - Dynamically-generated site seal
  - Dedicated Account Executive
  - Customer support via telephone, email and the web
- **99% compatibility with all browsers**
- **Fully-automated process for on-demand certificate issuance**
- **Complete control over certificate lifecycle management**
- **Flexible bulk purchase options, plus, attractive multi-year and upgrade pricing**
- **Unlimited, free reissues**
- **No extra hardware or software necessary - fully web-based system**

## SAFEGUARDING ONLINE TRANSACTIONS, DATA EXCHANGE AND COMMUNICATIONS FOR TODAY'S GLOBAL ENTERPRISE

In today's global economy, businesses depend on the Internet like never before -- they are increasingly conducting e-commerce transactions and opening up network resources to vendors, business partners and remote users. Yet, while it has become more convenient to do business online, it has also become more difficult to ensure reliable and secure data exchange and communications. Coupled with continually evolving security threats and changing regulatory standards -- maintaining network security can be a challenge for any size enterprise.

Secure Sockets Layer (SSL) encryption is one of the leading technologies used today to secure web sites, intranets, extranets and other server-based applications. Without it, the integrity of data exchanged over public and private networks can be compromised, ultimately affecting business continuity and your bottom line. SSL safeguards network access, online communications and digital transactions by enabling a secure channel between your servers and your users. Since the support for SSL is already built into most modern web browsers and servers, all that is needed is the simple installation of a trusted SSL certificate.

## FULLY-MANAGED SERVICE FOR ENTERPRISE ENVIRONMENTS

Enterprise SSL from GeoTrust is a fully-managed service designed to address the diverse and immediate security needs of today's global e-business environments. From FTSE 1000 companies to smaller businesses, government bodies and educational organisations, Enterprise SSL allows secure and quick deployment of globally trusted SSL certificates throughout your enterprise, while eliminating the burden and expense of maintaining your own Certificate Authority (CA).

This highly scalable and cost-effective service is ideal for any organization that needs to manage as few as five or as many as thousands of SSL certificates. From a simple web-based interface, Enterprise SSL allows one or more local administrators to have centralized control over certificate distribution and management. Administrators can deploy certificates on demand as needed, while still taking advantage of volume discounts.

## Enterprise SSL features and benefits include:

**Fully owned roots.** GeoTrust owns all of its roots, and as a result, our certificates offer the highest level of stability. Unlike other companies which issue certificates off chained roots or license roots from third parties, GeoTrust is able to offer customers an assurance of root stability during the lifetime of a certificate.

**Web-based certificate lifecycle management and administration.** At the core of Enterprise SSL is GeoCenter -- the administrative portal that provides complete certificate lifecycle management capabilities and a common point for administration of enterprise-wide SSL server certificates. Multiple administrators can handle certificate requests and certificate management functions from a customizable GUI-based web interface, thereby easing the burden of certificate management delegation.

**99% browser ubiquity.** Enterprise SSL certificates are issued off of one of the world's most trusted roots. They deliver ubiquitous recognition with leading servers and 99% web browser recognition. (A detailed list of compatible servers and browsers is available at (<http://www.geotrust.com/resources/compatibility.htm>))

**Patented "smart" site seals.** Enterprise SSL comes with a patented "smart" site seal that allows your customers to identify and confirm your web site's legitimacy. This dynamically-generated seal resides on your web pages, automatically identifying your site as genuine, authentic and validated by an independent third party. When a customer clicks on the seal, the server automatically performs a domain look-up to verify they're visiting a legitimate site.

**Full business authentication.** GeoTrust performs business identity authentication for all Enterprise SSL customers. This process typically takes one to two business days and validates that the organization requesting certificates is the legitimate owner of the domain name, and that the company that owns the domain name exists and is appropriately registered.

**Unlimited, free self-service reissues.** Enterprise SSL provides a quick and easy way to reissue lost certificates at no charge. After re-validating certificate information online, the new certificate is issued immediately and is valid from the date of reissue until the original expiration date.

**Competitive replacement program.** Enterprise SSL provides a simple way to switch from another vendor's certificates or transition multiple certificates from disparate certificate vendors. The competitive replacement program allows you to retain the full value of existing certificate investments, by adding the remaining validity period of any active vendor certificates to your new GeoTrust certificates -- up to 12 additional free months depending on when your current certificate expires.

**Certificate insurance policy.** Some vendors offer certificates that have premium warranty policies or liability insurance, but such insurance comes at a price -- usually in the form of inflated certificate costs. At no additional charge, GeoTrust provides limited liability insurance for its Enterprise SSL certificates. This information is outlined in detail in the Certificate Practice Statement (CPS).

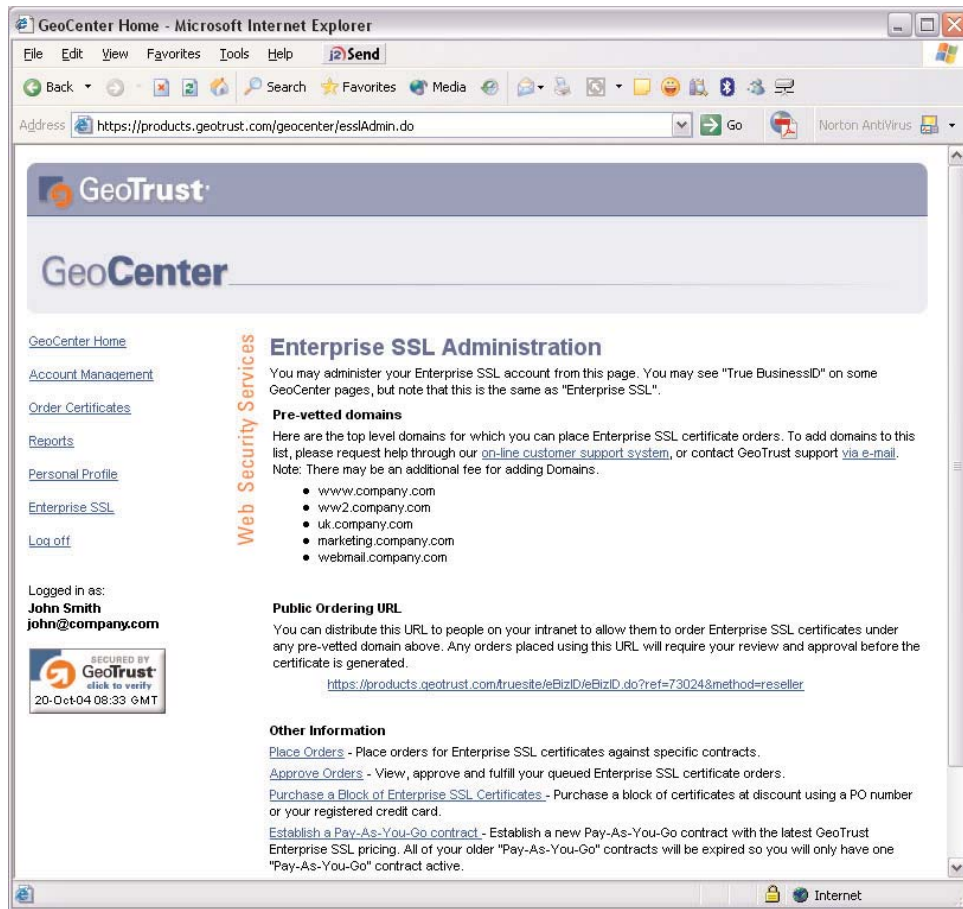
**Automatic renewal reminders and early renewal options.** With Enterprise SSL, administrators are automatically notified when their certificates are close to expiration, so certificates are always operating at optimal levels. GeoTrust also allows administrators to renew certificates up to 90 days early and receive up to three months credit on new certificates.

**Multi-year certificates.** Enterprise SSL offers multi-year certificates at significant cost savings, and they allow you to avoid the process of renewing certificates every year.

**Wildcard certificates.** Enterprise SSL offers wildcard certificates that can secure multiple fully qualified domains if they share the same base domain name and reside on the same physical server.

### The Myth of Server Gated Cryptography (SGC)

Many certificate vendors sell Server Gated Cryptography (SGC) certificates under the pretense of offering compatibility with lower encryption browser strengths. As a result, these "premium" certificates are offered at inflated prices. While at one time there was a need for lower encryption strengths to meet U.S. government export policies, today, SGC is not needed because there are increasingly fewer 40- or 56-bit browsers (less than 1%) that need to be "bumped up" to 128-bit sessions.



## SIMPLIFIED CERTIFICATE LIFECYCLE MANAGEMENT AND ADMINISTRATION

GeoCenter is Enterprise SSL's web-based interface that provides access to certificate management and administrative features, including:

- **Certificate Lifecycle Functions** -- Purchase, enroll, renew, approve, issue, reject and replace SSL certificates
- **Domain Controls** -- Look at top level pre-vetted domains and add domains
- **Ordering Functions** -- Place orders against open contracts, approve orders, show pending orders and purchase additional blocks of certificates
- **Customize Email Messages and GUI Interface** -- Customize email messages that are generated during the ordering process, such as confirmation, approval, rejection and renewal notices. Corporate branding, including messaging and company logos, can also be customized.
- **Comprehensive Reporting Features** -- Run "real time" and historical summaries or detailed reports, including information about certificate validation/expiration/approval/issuance/revocation dates, renewal information and certificate serial numbers. Reports can be downloaded to Excel, CSV or XML files
- **Customer support** -- View important customer support contact information, open a help ticket and access the online Knowledge Base
- **Account Management Features** -- Update billing and other accounting information
- **Personal Options** -- Change your password and other personal profile information

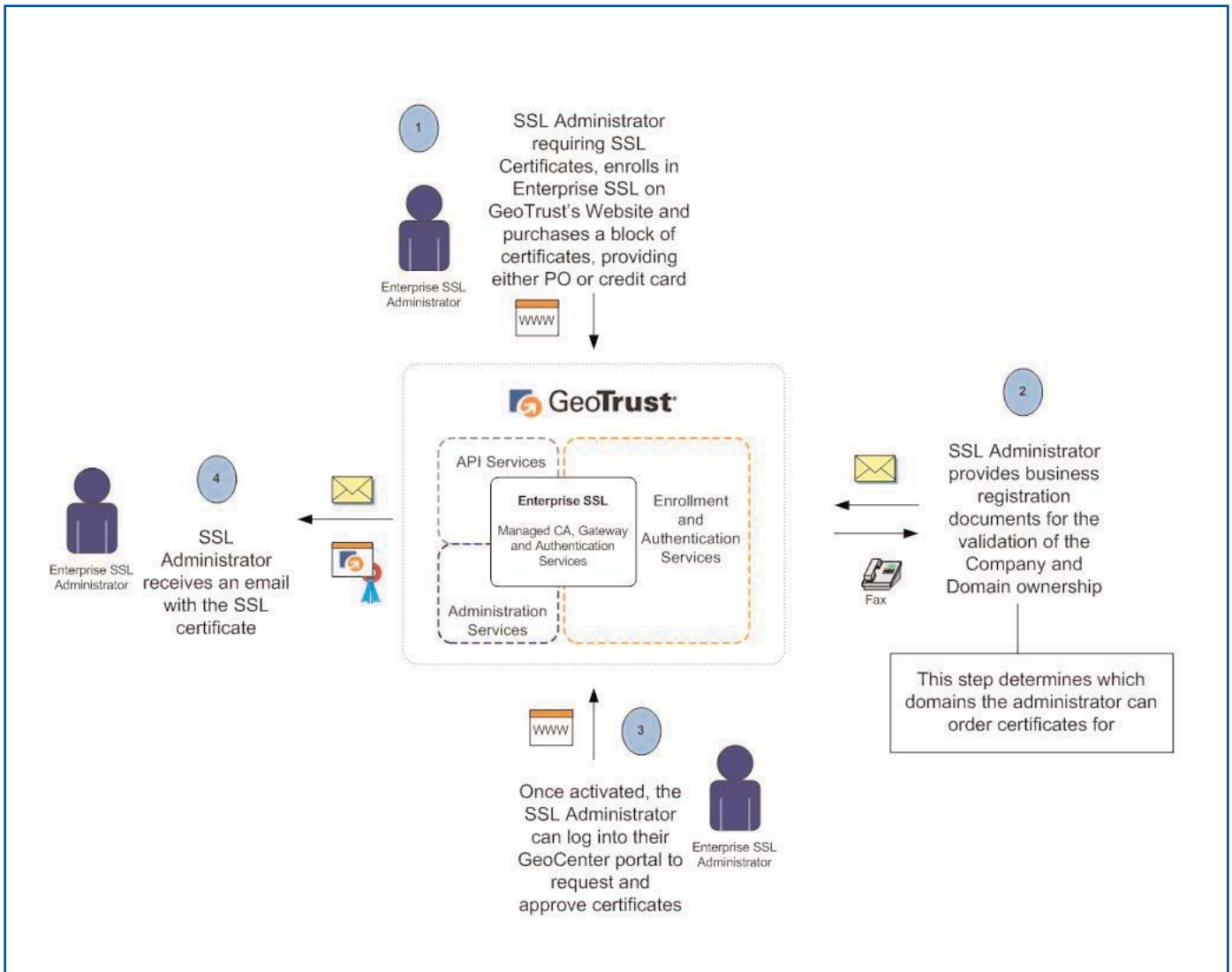
### Flexible API eases integration

In addition to GeoCenter, Enterprise SSL also offers a flexible API that supports both SOAP and http post methods to enable seamless integration of certificate ordering and management into existing workflows.

## CERTIFICATES DELIVERED "ON DEMAND"

The Enterprise SSL factory-automated process allows enterprise administrators to issue SSL server certificates on demand. After successful completion of the Enterprise SSL application and authentication process, you can submit a list of enterprise-controlled domains which are then stored in your GeoCenter account. Each time your enterprise requests a certificate, GeoTrust does the needed verification, immediately issues the certificate and "debits" your account. You retain the full validity period for each certificate in your account (up to one year), since it doesn't begin until you actually deploy a certificate.

Administrators can also distribute a public URL via email or on an intranet to allow self-service requests for certificates under any pre-vetted domain. Once administrators review and approve the request in GeoCenter, the certificate is automatically sent via email to the requesting end-user. This automated process allows certificates to be issued quickly throughout your enterprise. As an administrator, you won't have to complete the vetting process for every certificate request.



## FLEXIBLE, VALUE-BASED PRICING MODEL

There is a lot of misinformation regarding the cost behind producing and delivering certificates to enterprises which other vendors use to justify their “premium” pricing approach. Enterprise SSL’s automated certificate issuance and management process, allows us to price certificates in a fair and realistic manner. Plus, since certificates are purchased in bulk, rather than in an “ad-hoc” manner, you’ll save time and money.

Flexible pricing options include:

**Standard SSL certificate volumes** (5+ certificates): Perfect for small and medium-sized enterprises, this option allows for the order and use of certificates using standard per-server licensing.

**Large SSL certificate volumes** (unlimited number of servers): Ideal for larger enterprises that purchase more than 100 certificates per year, this option allows certificate installs on multiple servers for load balancing or redundancy, and provides for centralized procurement. This plan provides lower cost for any enterprise using the same certificate on multiple servers.

**Unlimited annual SSL certificates:** For one flat fee, an enterprise can order as many certificates as they need for all of their domains (up to 10,000 certificates per year). This option is best suited to enterprises requiring large volume certificate issuance for a minimum of three years.

**Pay-As-You-Go account:** With this type of account, a credit card is placed on file and is charged every time your enterprise orders a certificate.

Other cost-saving features include:

### Centralised purchasing

Whether your organisation makes centralised or department-based IT purchasing decisions, GeoTrust can accommodate your accounting requirements. Administrators can centrally manage and account for certificates or take advantage of GeoCenter’s reporting features to let individual business units or departments track costs.

### No set-up or operational costs

Since Enterprise SSL is an outsourced, fully-managed service there are no set up or ongoing operational costs. In addition, no hardware, software, infrastructure or costly internal enterprise management resources are needed. As an Enterprise SSL customer you simply pay for the certificates you order.

	GeoTrust Enterprise SSL (128-bit certs)	VeriSign Managed PKI (40-bit certs)	VeriSign Managed PKI (128-bit/SGC certs)
10 SSL Certificates	\$1,250	\$2,490	\$6,950
25 SSL Certificates	\$2,875	\$5,900	\$16,500
50 SSL Certificates	\$5,250	\$11,450	\$32,000
100 SSL Certificates	\$9,500	\$20,450	\$57,000

## HIGHEST STANDARDS FOR CERTIFICATE PRACTICES AND PHYSICAL SECURITY

As the world’s second largest Certificate Authority, GeoTrust provides the highest assurance of trust to all its customers. GeoTrust maintains top compliance with WebTrust, a comprehensive third party auditing process which signifies that GeoTrust meets the highest standards for issuing and managing digital certificates.

GeoTrust also leverages the best possible physical infrastructure and network security to maintain customer accounts and certificate data. Our state of the art hosting facilities are fully redundant, house hardened data centers and network operations centers, and meet stringent WebTrust standards for physical and network access control. Independent security auditors also carefully scrutinize the physical systems, the software configurations and the processes and procedures used by all GeoTrust personnel.

## WORLD-CLASS CUSTOMER SERVICE AND SUPPORT RESOURCES

GeoTrust strives to deliver unsurpassed customer care by providing highly knowledgeable personnel and in-depth resources to assist you through every step in setting up and managing your Enterprise SSL account.

Our world-class customer service offers a full range of technical service and support options, including telephone and email support, plus 24x7 access to comprehensive technical and product information via the web. In addition, the Customer Support link in GeoCenter allows you to access the online Knowledge Base, open help tickets and get updates from the GeoTrust support team.

### Dedicated Account Executive

Whether you choose to open an Enterprise SSL account via the web or complete a paper application, you’ll be assigned to a dedicated Account Executive who can help with all aspects of ordering and account management. Your Account Executive is highly trained in GeoTrust products as well as the web security market, and will constantly strive to better understand your businesses requirements.

## ADDITIONAL ENTERPRISE NETWORK SECURITY SOLUTIONS

In addition to Enterprise SSL, GeoTrust offers a comprehensive array of enterprise security solutions to secure online identities for people, devices and applications, including:

### Certified Document Services for Adobe® Acrobat®

Certified Document Services (CDS) for Adobe Acrobat allows authors to create Adobe Portable Document Format (PDF) documents that clearly certify to recipients that the author's identity has been verified by a trusted organization and that the document has not been altered. CDS for Adobe Acrobat provides a centralized, web-based management system for issuing digital certificates and is ideal for organizations that need either multiple individual, department-wide or server-based certified document services.

### Client Certificates

True Credentials is a fully-managed, web-based client certificate service that safeguards communication and data exchange between your enterprise and your employees, vendors, business partners and customers. It provides secure network access to credentialed users, enables secure messaging and S/MIME and supports digital signature applications.

### Identity Verification Services

True Identity is an ideal solution for any enterprise where identity validation is critical to conducting business online, including financial services, insurance companies, banks, mortgage companies, online brokerages and e-commerce sites with high-volume, high-value transactions. True Identity leverages GeoTrust's unique partnership with Equifax to compare user provided information against three powerful verification databases to provide back a level of "identity certainty". The entire verification process can be completed online in minutes.

### SSL Security for Mobile Environments

The Power Server ID SSL certificate provides the highest level of browser compatibility and web security for mobile and networked environments. An ideal solution for hosting companies and enterprises with a global e-business base, Power Server ID ensures that any customer can connect from any device, anywhere, anytime.

Code Signing services are available for developers to ensure that code that is passed to platforms, particularly wireless platforms, is not tampered with in any way. Code Signing assures developers of the code integrity, protects handheld users from viruses and enables enterprises to roll out secure applications faster.

### Subordinate Certificate Authority

GeoRoot is a root signing service that allows global recognition of self-signed certificates by being chained to GeoTrust's trusted root. This solution is ideal for those organizations that recognize the requirements and responsibilities involved in establishing their own Certificate Authority and have significant in-house PKI expertise.

### About GeoTrust.

GeoTrust is the world's second largest digital certificate provider, and a leader in a wide variety of Identity and Trust services. GeoTrust's comprehensive array of technologies enables organisations of all sizes to secure e-business transactions cost-effectively. The company provides Web hosting companies with digital certificates to secure online transactions; Enterprises with technology to safeguard network access, secure email and digital transactions; digital signing technology to bind people and documents; and assuring code integrity to wireless platforms. More than 70,000 companies in over 140 countries employ GeoTrust technology for transaction security, identity verification and trust services. GeoTrust has offices in the U.S., Europe and Japan.

#### For more information about Enterprise Security Solutions from GeoTrust:

**Visit:** [http://www.geotrusteurope.com/enterprise\\_security](http://www.geotrusteurope.com/enterprise_security)

**Call:** +44 1622 764789

**Email:** [sales@geotrusteurope.com](mailto:sales@geotrusteurope.com)



6 Kings Row  
Armstrong Road, Maidstone  
Kent, ME15 6AQ, United Kingdom  
Phone: +44 1622 764789  
Fax: +44 870 1322080  
E-mail: [info@geotrusteurope.com](mailto:info@geotrusteurope.com)  
[www.geotrusteurope.com](http://www.geotrusteurope.com)