Comodo Personal Authentication Certificates

Cost effective and flexible solution adds trust and security to key business areas of secure email, document signing and user-authentication

At-a-glance
Authentication Certificates

Encrypt and digitally sign corporate email communications

Two-factor authentication of users who log-in to company servers and websites

Digitally sign Microsoft ® Office and Open Office documents

Trusted by all major mail clients, browsers and mobile devices

Fast and easy to roll out to employees and customers

Volume discounts available via EPKI and reseller programs.

Conducting business online offers enormous benefits to an enterprise, but also creates enormous vulnerabilities. Recent high profile breaches of corporate databases and the theft of confidential customer data have been devastating to the reputation and long-term business prospects of many high street names.

According to the research and analyst firm Gartner, nearly 30 percent of those who use online services say that publicized attacks have influenced their activities. Up to 75 percent of this group are logging on less often than they would if security were not a concern. Unauthorized access to customer account information, sales forecasts, intellectual property or other valuable information does a significant damage to an organization's brand and competitive position.

As enterprise e-mail use and exchange has become prevalent, and is employed as a vehicle for a wide array of important documents, it becomes critical for organizations to guarantee the secure management and delivery of confidential and sensitive electronically transmitted information.

This is especially important in today's dynamic business world, where numerous governmental and industry regulations, e-mail-centric court decisions, and email's expanding business role are all defining a critical enterprise messaging landscape. Legal and financial responsibilities now come part and parcel with e-mail use, and it is important for organizations to not only understand these issues and risks, but to implement technologies that will mitigate them.

Comodo Personal Authentication certificates are the flexible and proven trust solution that enable businesses to achieve best practices in the 3 key areas of secure communications, user-authentication and document signing.

Strong User Authentication for Company Portals

If your business supports remote login to servers that contain vital corporate data, the stakes are just too high to depend on passwords as gatekeepers.

Enterprises need stronger guarantees that the person accessing an online account or network resource is the genuine user, and not a malicious 3rd party that has managed to steal a username and password. Attackers have evolved beyond simple phishing scams aimed at a broad cross section of the public into targeted, well planned attacks on specific organizations.

CPACs allow businesses to mitigate these threats by setting up bank-standard client-authentication of employees and customers. Faster and more cost-effective than physical tokens, each certificate uses highly secure PKI mechanisms to identify a user to a remote server.

Once installed on a computer or mobile device, the Personal Authentication Certificate will be seamlessly verified by your servers every time a user attempts to log-on. Authentication is

True, two-factor authentication of users logging onto online services

Binds user and device identities with strong, PKI authentication

Transparent authentication means users existing log-on procedures are not disrupted

No costly physical tokens to distribute or replace

Compatible with all major internet browsers and mobile devices

Simple roll out to employees and customer bases

transparent to end-users so they won't experience any disruption to their standard process of entering their username and password.

Secure Email – Essential Security for Corporate Communications

Unsecured mail is like rather like sending a postcard written in pencil. It can be intercepted, read and modified by any suitably motivated party along the route to its destination. While this may not be an issue if email consists of 'Wish you were here' messages, it poses a serious threat to the interests of businesses that require communications to remain private and confidential.

Comodo Personal Authentication Certificates allow businesses to easily add the highest levels of security to email communications and so help avoid data leaks, breaches of privacy and non-compliance with data protection regulations.

Each certificate deploys proven and highly secure Public/Private Key Infrastructure (PKI) to deliver:

- **Message Privacy.** Encryption with up to 256 bit security guarantees message confidentiality by ensuring only intended recipients can decipher your emails.

- **Message Authenticity.** Digital signatures identify you as the sender and prove that the message genuinely came from you and not an impersonator.

- **Message Integrity.** Adding a digital signature to company mail means it is impossible for anyone to alter its contents without the alerting the recipient to the modification.

Personal Authentication Certificates offer true 'end-to-end' encryption between users and their contacts. Once messages leave your network, encrypted mail cannot be deciphered or read by man-in-the-middle attackers, packet-sniffers or https proxies. CPACs are also fully compatibility with enterprise level encryption gateway appliances.

Keeps mail communication secure and confidential by encrypting messages with strongest possible algorithms

Digital signatures bind user identity to message content to add authenticity and integrity to email

Ensures compliance with federal and industry data protection regulations

Easy enrollment, issuance and management with Comodo web interfaces and APIs

Compatible with Exchange servers and mail gateway appliances

Fully trusted by all major mail clients, including Microsoft Outlook, Windows Mail and Apple mail

Digitally Sign Documents – Prove Document Origin and Integrity

Comodo Personal Authentication certificates let individuals and employees easily sign documents to identify themselves as the document signer and prove the document has not been tampered with since it was signed.

Apart from building trust and non-repudiation into your document work-flow, migrating away from a paper-based system to a digital system can also reap several cost advantages.

CPACs can reduce paper, postage, and printing costs; can result in faster and more efficient auditing; can accelerate contract exchange for legal and financial departments and can accelerate inter-departmental processes such as request forms, archiving and document sign-off.

Considered equal or superior to traditional wet signatures by many federal and governmental bodies, CPACs are a low-cost and secure means for any enterprise to establish a comprehensive and efficient paperless work-flow.

Attests to identity of document signer and proves authenticity and integrity

Help businesses migrate from ink and paper based work-flows

Can be used in tandem with or to replace the visible signature feature in Microsoft® Office products

Ensures compliance with industry directives and policy frameworks which require digitally signed documents

Supports major business software including Microsoft ® Office suite, Open Office Suite, VBA Macros and more

Channels and platforms

Comodo Personal Authentication certificates are available through our retail, enterprise and reseller channels.

COMODO
Creating Trust Online®

- **Enterprises – Gain visibility and control over your certificates with Comodo EPKI manager**

  Comodo's EPKI Manager is a centralized, web-based console specifically designed to allow enterprises to instantly order and manage large volumes of certificates at greatly discounted rates.

  EPKI accounts are easy to set up and feature full certificate life-cycle management, configurable permissions for multiple users and powerful reporting capabilities. Businesses interested in an EPKI account can either contact us directly using the details listed below or can find out more at *http://ssl.comodo.com/epki-manager.php*

- **Resellers – Access large volume discounts through our partner programs**

  Comodo's reseller programs make it easy for partners to generate dependable, long-term revenue streams by offering Comodo's range of highly **trusted SSL certificates.** Partners benefit from their own branded sign-up areas for customers, greatly discounted rates and a powerful, web-based, management console.

  Each partner is assigned a dedicated account manager who will furnish you with expert advice and marketing collateral to make sure your deployment is a success. Comodo do not require on-going revenue commitments from our resellers and provide an extensive range of APIs to help integrate your website and payment gateways with our order management system.
  Interested parties can find out more by contacting us using the details listed below or by visiting *http://ssl.comodo.com/partners-resellers.php*

- **Individuals – Purchase CPACs online at InstantSSL.com**

  Individuals who wish to purchase a CPAC for secure email, client-authentication and/or document signing can do so by visiting *http://ssl.comodo.com/personal-authentication.php*. CPACs are available for 1, 2 and 3 durations with prices starting from just $16.36 per year

Next Steps

To speak directly with a Comodo representative about Personal Authentication Certificates, Comodo Partner Programs or Comodo Enterprise Accounts, please contact using one of the following channels:

Online contact form - *http://www.comodo.com/contact-comodo/contact-sales.php*
Direct Email – *EnterpriseSolutions@comodo.com*
Telephone:
USA +1 (888) 256 2608 or
UK & Europe + 44 (0) 161 874 7070
International +1 (703) 637 9361

If you wish to read more about Comodo Personal Authentication Certificates or purchase individual certificates online, please visit *http://ssl.comodo.com/personal-authentication.php*

About Comodo

Comodo provides the highest level of security at competitive prices. As the second largest provider of business-validated certificates, Comodo ensures that millions of transactions are safely performed everyday. We are always looking for new ways to enhance online trust and security. Comodo is bringing online trust, security, and compliance solutions to a new higher standard.

COMODO
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