

# PGP E-Business Server 7.0

*PGP Security, Protecting Your Privacy*

## Complete Protection for Your Company's Most Critical Asset: Information

PGP Security is a worldwide leader solving privacy and data confidentiality issues. We offer the widest range of security and privacy products and services. Used by over 7 million people worldwide, PGP is the de facto encryption standard.

E-Business Server software uses PGP strong encryption technology to protect data everywhere you do business. On the server. Accessed by users on the network. In transit over the Internet. E-Business Server ensures information confidentiality, identity authentication, and integrity.

E-Business Server supports PGP Certificates and X.509 Certificates to perform all standard functions, giving users more flexibility than any other encryption software available in the market. With PGP E-Business Server you can use a single PKI server serving PGP and VPNs or browsers using X.509 certificates.

Once installed on your server, E-Business Server software will be transparent to the users while providing best-in-class information protection from prying eyes.

## Integrate with Ease

The E-Business Server software flexible command line lets you easily leverage PGP Security within your processes. Protect the privacy of your data in storage on the server. Assure the data security during access. Send and receive data from remote servers with confidence; and with its versatile capabilities, E-Business Server software can help virtually any type of business, including:

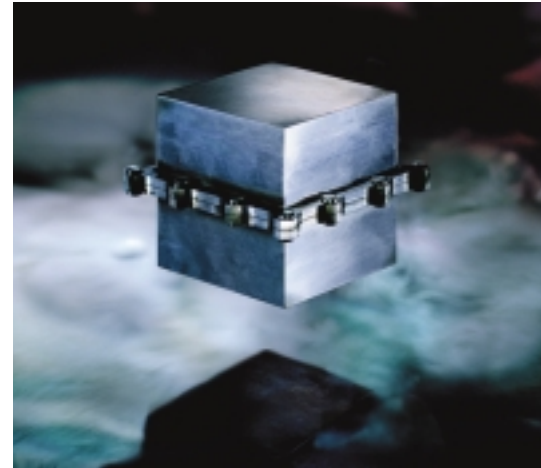
- Financial institutions processing checks, credit cards and accounts information
- Healthcare institutions processing patient records, payments and insurance forms moving toward HIPAA compliance
- Manufacturing companies processing transactions with supply chain partners
- Insurance companies processing claims, payments and customer records
- Retailers and wholesale distributors processing sales and credit cards transactions

## The Widest Platform Range Supported in the Industry

With E-Business Server software, you can use leading PGP Security technology on practically any network server. If you need to share information with partners or customers who do not have PGP installed, it's no problem. E-Business Server software supports Self-Decrypting Archives (SDA), so your data is always protected. And, because it supports international PGP standards and protocols as well as X.509 certificates, E-Business Server software inter-operates with virtually all encryption systems.

*"PGP's security enables us to expand our business to clients who use the Internet as their means of gathering account information and perform financial transactions."*

*—Michael Martin, Client/Server specialist at Sallie Mae*



## Features & Benefits

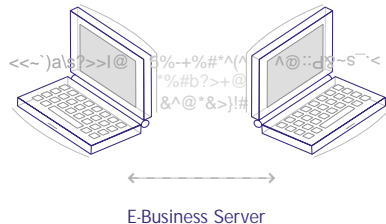
- Encrypts information in storage and in transit. Your information is protected from internal and external eyes.
- Digital Signature for Authentication. You are assured that the senders are who they claim to be.
- Signature Integrity to ensure that the data has not been altered.
- Key Management to Generate, Disable, Re-Enable, Revoke keys as well as Change Trust Criteria.
- Scripting capability to automate tasks and adapt to your specific processes. Use C++, Visual Basic, Perl or CGI to customize.
- Self Decrypting Archives (SDA) enable you to send secure information to contacts who have not implemented security service. Your data is secure, always.
- Administrator override rights
- Built-in compression capability for increased transfer speeds.
- Split-key data recovery model for unmatched, highly secure, robust data recovery abilities. Even if one party has misplaced their key.
- Non-repudiation to assure that the sender cannot deny a file was sent.



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## In Transit

Using the widely accepted and highly trusted public key encryption system, you can maintain secure communications. Transferred data is always digitally signed to ensure proper authentication.



*"PGP is an amazing product, as receipt of the Best Security Software top honor demonstrates. Security experts using security products in the real world [...] have awarded... PGP as the best security solution on the market today."*  
—Paul Robinson, Publisher,  
Secure Computing Magazine

## Algorithms Supported:

### Encryption Symmetric Key:

- 3DES
- CAST
- IDEA
- Twofish 256-bit
- AES up to 256-bit

### Encryption Public Key:

- RSA v4 up to 4096-bit
- DSS
- Diffie-Hellman

### Hash:

- SHA-1
- MD5

## Flexibility, Power, Control

E-Business Server's scripting capability enables you to automate processes through the use of common high level scripting languages. With its parallel architecture, E-Business Server software can handle multiple processes simultaneously, providing unmatched performance. And the administrative options let you set and implement your company

security policies, giving you the ability to secure sensitive company material and retrieve it at anytime, no matter which employee does the daily tasks.

## During Access

Data can be encrypted and stored on the server while waiting access or transfer.



## In Storage

Unlike other security software, E-Business Server encrypts data in transit between two machines and also protects information stored on your server, using PGP or X.509 certificates, against internal attacks.

## PGP Encryption—The De Facto Standard

The strong encryption and authentication capabilities available in PGP Security products are provided by the PGP cryptosystem available through the Software Development Kit (PGPsdK). With the PGP cryptosystem, PGP Security incorporates the world's most powerful security into each of its applications. Developers too can incorporate cryptographic capabilities into new or existing applications with the confidence that comes from using trusted and peer-reviewed PGP technology. E-Business Server for OS/390 provides a large number of operations through combinations of the following core functions:

- Generating and saving user's key pair
- Retrieving user's key pair
- Obtaining recipient's public key
- Generating a digital signature
- Verifying a digital signature
- Encrypting to a recipient's public key
- Decrypting with the user's private key

In addition, E-Business Server for OS/390 provides support for x.509 certificates.

## Platforms Supported

- Win2000 (RC2 or later)
- Windows NT 4.0 (Service Pack 3 or later)
- OS/390 V2 R6 or later
- Sun Solaris v2.51 or later
- AIX 4.2 or later
- HP/UX 10.20 or later
- Linux x86 Red Hat (RPM) 5.0 or later

## Platform Requirements

### For Windows:

- 32MB RAM
- 6MB disk space

### For Unix:

- 32MB RAM
- 9MB disk space

### For OS/390:

- 32 MB RAM
- 9 MB disk space

## PGP Security Products

PGP Security, a Network Associates Company, protects your privacy through a full range of security products: Gauntlet Firewall, PGP Corporate Desktop Privacy Products, PGPwireless, CyberCop Scanner, E-Business Server, PGP Firewall and VPN e-pliances.

For more information on products, worldwide services, and support, contact your authorized PGP Security sales representative or visit us at:

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