



# PGP® Global Directory

Free encryption-enabling service that simplifies private communications

Part of the PGP® Encryption Platform

## Global key service and verification

The PGP Global Directory provides simplified public encryption key distribution and verification for enterprise, corporate, and individual PGP users alike. The free service enables automated key retrieval from PGP encryption-enabled applications, simplifying key exchange and management for secure messaging and file transfer between PGP users within a business value chain. It provides the easiest to use, most accurate, and trusted public key server available, making it the ideal encryption key repository for PGP users worldwide.

### 24x7 Key Access

The PGP Global Directory enables individuals and businesses of any size to efficiently publish their public PGP keys for automated retrieval by others. The directory design ensures that individual keys are always easy to find and use, simplifying private communication requirements for business-to-business, business-to-individual, and inter-business use.

### The Global PGP Community

PGP technology is the leading encryption technology in use<sup>1</sup> today. The PGP Global Directory provides direct access to the public keys of the users comprising this global community. The directory contains the names, verified email addresses, and associated public encryption keys, providing an accurate repository of public encryption keys for the largest encryption user community and assuring both businesses and individuals that recipient and sender encryption keys are accurate.

### PGP Encryption Platform-Enabled

The PGP Global Directory is a part of the PGP Encryption Platform, enabling it to seamlessly work with other platform-enabled products, including PGP Desktop Email, PGP NetShare, PGP Support Package for BlackBerry®, and PGP Universal Server.

## Enterprise Benefits

### Automatic Access to Customers, Partners, & Suppliers

The PGP Global Directory transparently connects enterprises with partners, customers, and individuals listed within the directory. PGP products are configured by default to automatically access the PGP Global Directory to look up public PGP keys. This capability enables enterprises to transparently encrypt messages or files for recipients outside the organization without requiring either initial configuration or ongoing maintenance of encryption key repositories.

### Simplified Security Deployment

The PGP Global Directory provides an established, no-cost key service for PGP deployments of any size. This turnkey solution enables enterprises to distribute and retrieve public encryption keys with partners, suppliers, and customers, resulting in faster, easier implementation and lower operational costs.

### A Trusted PGP Service

As a trusted public key server from PGP Corporation, the PGP Global Directory is specifically designed to safely list and maintain public PGP keys. Security safeguards have been designed into the service to protect the directory from misuse. Strict access policies automatically detect and prevent malicious actions. These safeguards ensure the directory can only be used for its intended purposes.

### Reliable and Available

The PGP Global Directory is hosted and maintained with high availability by PGP Corporation. It is available globally over the Internet using either HTTP or LDAP. The directory allows both automated and user-initiated public key lookup and downloads.

<sup>1</sup> TheInfoPro Inc.'s *Information Security Survey*, Wave 8, Winter 2007. To download a survey abstract, visit [http://www.pgp.com/downloads/research\\_reports/index.html](http://www.pgp.com/downloads/research_reports/index.html)

## Business Partner Benefits

### Connect Securely & Quickly with Customers & Partners

The PGP Global Directory can be used by organizations that do not maintain their own key servers, providing a reliable, cost-free service for publishing the organization's public PGP keys for access by customers and the business community.

### Automatic Setup for Rapid Implementation

PGP Desktop products are designed to publish new PGP keys to the PGP Global Directory. The PGP Desktop public key publishing wizard simplifies the process of making keys instantly available to the global PGP community on the PGP Global Directory, reducing setup costs and implementation time.

### Simplified, Integrated PGP Security

PGP Desktop products include default policies that automatically check the PGP Global Directory for email recipient public keys, enabling rapid use of PGP encryption with minimal setup and effort without the need for additional security policies or configuration.

## Features

### User Key Management

PGP Global Directory users can actively publish or remove their keys at any time. Multiple email addresses can be associated with a single PGP user key, providing continuity even if email addresses change over time.

### Advanced Search Options

The Web-based interface enables users to search for keys by name, email address, or key ID, providing multiple options to find and verify PGP user public keys.

## Verified Listings

PGP Corporation takes an active role in ensuring the directory's accuracy by routinely verifying each user's listing. Unverified listings are automatically removed, providing assurance the directory contains only active and accurate user keys.

## Technical specifications

### PGP Global Directory

- <http://keyserver.pgp.com>
- <ldap://keyserver.pgp.com>

### Supported Key Formats

- OpenPGP RFC 2440

### Supported Protocols

- HTTP
- LDAP V3

### Supported PGP Encryption Platform-Enabled Applications

- PGP® Desktop Email
- PGP® Desktop Home
- PGP® Desktop Corporate
- PGP® Desktop Professional
- PGP® Desktop Storage
- PGP® NetShare
- PGP® Mobile
- PGP® Support Package for BlackBerry®
- PGP® Whole Disk Encryption
- PGP Universal™ Server
- PGP Universal™ Gateway Email
- PGP® Command Line
- PGP® SDK

### Key Validation

- Automated key verification policies
- Unverified entries automatically removed

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