

RAZ-LEE

PGP ENCRYPTION

World Standard for File Encryption

About Raz-Lee Security

Founded in 1983, Raz-Lee Security is one of the world's leading independent owned cybersecurity and compliance solution providers for IBM i servers (AS/400).

Raz-Lee's flagship iSecurity suite guards organizations against insider threats and unauthorized external access to business-critical information hosted on their IBM i. We have developed cutting-edge solutions that have revolutionized analysis and fortification of IBM i servers.

We build solutions that work with other companies' technologies allowing organizations to monitor IBM i activity via SIEM or DAM dashboards.

Technology Business Partners



About iSecurity Suite

Advanced Threat Protection

- Anti-Ransomware
- Antivirus / Malware protection
 - ICAP Optional Client/Server for Antivirus

Authentication & Authorization

- MFA Multi Factor Authentication
- Self Password Reset
- Authority On Demand

Protection

- Firewall FTP, ODBC...access
- Monitor CL Commands
- Safe-Update to protect production files

Evaluation, Reporting & Alerts

SIEM & DAM Support

Syslog, SNMP, CEF, LEEF

Visualizer

Business Intelligence for Security

Score Cards

for GDPR, SOX, PCI, HIPAA...

Security Investigator

Data Discovery, Authority Inspector, Assessment

Encryption

- DB2 Field Encryption (FIELDPROC)
- PGP File Encryption

Data Base Solutions

- AP-Journal DB Audit, Filter, Alerts, SIEM
- DB-Gate Native SQL to Oracle, MSSQL...
- FileScope Secured file editor

Auditing & Response

- Audit Journal, System Values, Status...
- Proactive re-Action in real time
- Capture screen activity
- Compliance of Users, Objects, IFS
- Change Tracker watch Production Libraries

PGP Encryption

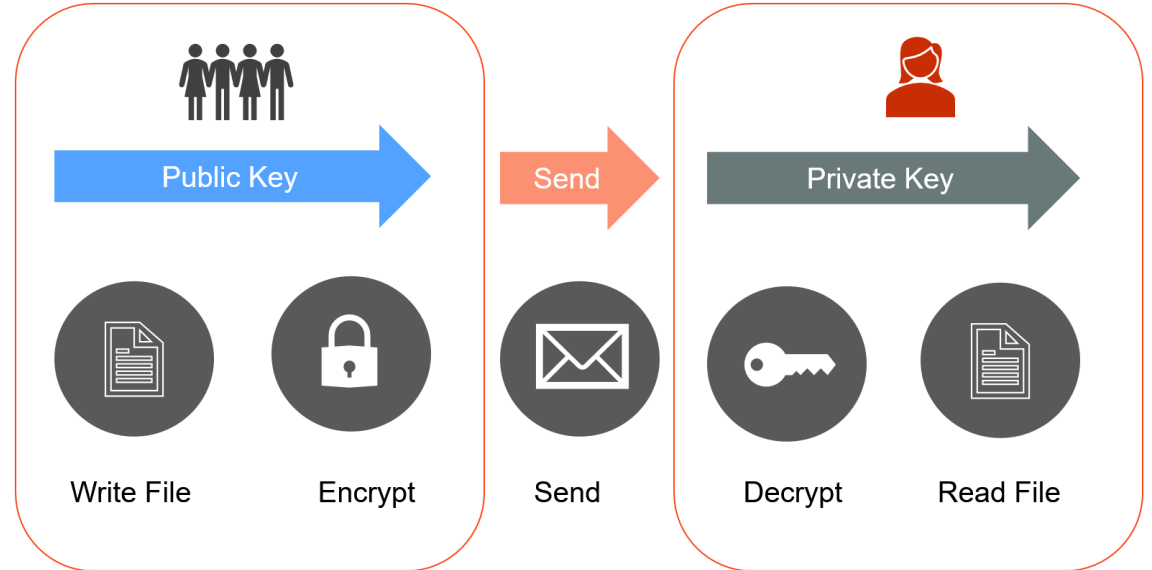
World Standard for File Encryption

What's PGP Encryption used for?

These days, everyone and everything is interconnected on the web, so security breaches easily become widespread. Transferring files between devices multiplies the risk of data being exposed to unauthorized entities.

So files must be encrypted from source to target-oftentimes between different platforms, environments and devices- with the highest level of efficiency and accountability.

The world has chosen PGP to be the standard for file encryption requirement in regulations such as PCIDSS, HIPAA, SOX, FDA and others.



iSecurity PGP Encryption

Raz-Lee's PGP for File Encryption solution allows users to encrypt IBM i files using a public encryption key. PGP encryption uses a combination of encryption methodologies such as hashing, data compression, symmetric-key cryptography and public key cryptography to keep data secure.

Our Solution:

- Supports multiple encryption algorithms, including AES and TDES
- Only users possessing the correct private key can decrypt and open the protected files.
- Built to support also multi-site, multi-LPAR organizations
- Key management capabilities, enabling users to create, import, and export the keys needed to encrypt and decrypt files

Cloud PGP Encryption

iSecurity PGP Encryption allows you to encrypt files that are transferred to the cloud or to encrypt files on the cloud that are to be transferred to on-premises.

Cloud Advantages:

- Files can be automatically encrypted and transmitted to recipients.
- Received files can be automatically decrypted by user applications.

CL Commands for PGP Encryption

Raz-Lee's PGP implementation provides a wide set of CL commands which cover virtually all aspects of PGP, including:

- Encryption
- Decryption
- Signing
- Identifying fingerprints
- Creating key pairs
- Import
- Export
- Keeping key stores
- ...and more

iSecurity PGP Encryption Advantages

- Helps protect sensitive IBM i data.
- Secures e-mail communications with automatic, policy-based message encryption.
- Supports regulatory compliance requirements.
- Prevents the need for manual processes to first transfer files to a PC and then encrypt them.
- Ensures real end-to-end encrypted transmissions.

RAZ-LEE

Thank You

For more information about our company and products please visit
www.razlee.com