

## Improve operational efficiencies while increasing data security

Files that contain sensitive data, whether stored or being transmitted, need to be protected. SecureZIP® ensures that information is protected throughout an organization and across the extended enterprise. Data remains protected in motion as it is exchanged, or at rest in electronic or physical storage—it applies protection directly to the data, not to the network transport or application. Whether you choose to encrypt with passphrases, use a certificate for signing and authentication, or both, this data-centric solution provides the flexibility to secure your data using the .ZIP format.

### Reduce file transfer time and conserve storage space

SecureZIP includes the compression capabilities of PKZIP, reducing file size by as much as 95 percent. Compression also enables organizations to decrease DASD costs, conserve transmission bandwidth, and minimize processing time to meet constrained processing windows. SecureZIP allows organizations to get the most out of their existing investments without costly hardware acquisitions or upgrades.

### Encrypt data using passphrases, X.509 digital certificates, or both

SecureZIP supports both passphrase- and digital certificate-based methods of encryption, offering flexible security that meets varying requirements within business environments. Organizations using X.509 digital certificates can take advantage of SecureZIP's secure key repository to ensure that the privacy and integrity of private keys is maintained within a shared environment. To authenticate users and maintain data integrity, digital signatures can also be applied to files to ensure that they have not been altered during transmission.

### Write files directly to tape

Using 1Step2Tape, files are written directly to tape media, bypassing the need to stage them to disk. 1Step2Tape eliminates extra processing time, enabling organizations to meet critical backup windows when adding security to their processes. SecureZIP for i5/OS also includes enhanced file handling features to further accelerate critical business processes and achieve significant savings in DASD resources in the data center.

### Maintain control of organization data

Files that have been encrypted must remain accessible to the organization. When files have been encrypted with either digital certificates or passphrases, SecureZIP's Contingency Key capabilities ensure that encrypted data is accessible.

Contingency Key processing ensures SecureZIP customers can meet the need of auditors, compliance officers, or regulators to inspect or recover encrypted data, even if a password is forgotten or a decryption key lost - while still otherwise strongly protecting the data.

### Operates on all major computing platforms

SecureZIP is available on all major computing platforms and supports secure data exchange

### Features and Benefits

Reduce file transfer time and conserve storage space

Encrypt data using passphrases, X.509 digital certificates, or both

Ensure data integrity by using digital signatures

Maintain control of organizational data for audit and recovery purposes with contingency key\*

Write files directly to tape, eliminating the need to save them to disk

Operates on all major computing platforms, allowing seamless data transfer between operating systems, including z/OS®, i5/OS®, UNIX®/Linux® server, and Windows® server and desktop

\* Feature available in SecureZIP Enterprise Edition

“In a matter of one week, we had tested and decided on SecureZIP because of its cross-platform compatibility, performance, and fast implementation.”

IT Lead  
Fortune 100 Company

between Windows® desktops, UNIX®/Linux® and Windows servers, and z/OS® mainframes. SecureZIP automatically converts data to the appropriate format based on the type of system it is being transferred to.

## About PKWARE

PKWARE, Inc., the creator and continuing innovator of the ZIP standard, is a global market and technology leader providing data-centric, cross-platform data security and compression software. The SecureZIP & PKZIP product families are used by over 30,000 corporate entities and over 200 government agencies to ensure data security, portability, and cross-platform computing exchange - both internally and externally with partners. Organizations in financial services, banking, retail, healthcare, government, and manufacturing use PKWARE products daily for their unmatched scalability, ease of use, and rapid deployment. PKWARE, a privately held company, is based in Milwaukee, WI with additional offices in New York and the United Kingdom.

### System Requirements

#### SecureZIP for i5/OS

- i5/OS V5R1M0

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DATA SECURITY & COMPRESSION