

SecureZIP[®] for z/OS[®]

Standard Edition

General Features

- Interoperability with Windows[®] and UNIX[®]/Linux[®] servers; Windows[®] desktops; and System i[®] platforms
- Automatic EBCDIC/ASCII conversion
- Self-extracting PKSFX ZIP file creation to streamline mainframe-to-desktop file transfer
- 32-bit CRC error checking
- Includes several data translation tables
- Automatic device detection
- Enhanced File Handling that supports up to 17 different RECFMs
- Fully customizable configuration and installation
- SEQ, PDS, PDS/E, VSAM, and magnetic tape handlers
- Powerful Command Line Interface (CLI)
- Enterprise-class technical support and integrated help feature

Security Features

- Integration with IBM[®] Integrated Cryptographic Services Facility (ICSF) to leverage IBM hardware-based or software-based encryption
- Directly write, to and read from, UNIX/Linux and Windows servers from z/OS[®]
- FIPS 140-validated security supports compliance mandated by most Federal agencies
- Passphrase-based encryption
- Powered by trusted RSA BSAFE[®] algorithms that support FIPS 197-certified AES and 3DES for encrypting file content and names
- Ability to read digitally signed files and passphrase or certificate-encrypted files created by SecureZIP[®] on any platform

Compression Features

- Enhanced tape processing to achieve significant reductions in elapsed time and I/O required for tape-oriented functions
- Reduces file size by up to 95 percent
- Supports archives of virtually unlimited size
- Supports multiple compression formats
- GZIP compatibility

Enterprise Edition

Standard features, as well as:

Advanced Security Features

- Utilize Application Integration to eliminate staging unprotected, sensitive data to disk during processing
- Options for digital certificate and passphrase-based encryption
- Certificate-based encryption via AES or 3DES algorithms
- Secure store for private keys, compliant with RACF, ACF2, or Top Secret
- Digitally sign files and verify signatures to authenticate identity
- Certificate Revocation List (CRL) checking ensures certificates used to sign files are valid
- Access to encrypted data with contingency key

Directory Integration Features

- Access commercial directory servers used for storing digital certificates including Microsoft Active Directory[®], Novell[®] NetWare[®], and Sun[®] iPlanet
- Automatically locate, retrieve, and apply public keys from LDAP-compliant directories for encryption based on common name or email address

Minimum System Requirements

- All releases of z/OS supported by IBM