

# ZIP/390 for zSeries

FOR EFFICIENT SECURE DELIVERY AND STORAGE OF  
zSERIES FILES AND REPORTS

**Add high performance, secure ZIP and PGP functionality to z/OS or replace more expensive (or unsupported) processes for immediate savings.**

The ease of deployment and use of ZIP files greatly simplifies the logistics of efficient secure exchange across all computing platforms and technical competency levels existing within the Enterprise and beyond. PGP, though slightly more complex to implement, has advantages that make it another popular secure file exchange method employed by organizations today. ZIP/390 delivers all the above and more, in one superior, cost effective software package for z/Series.

## **REDUCE TRANSMISSION TIME, BANDWIDTH, AND STORAGE REQUIREMENTS**

Average compression of 85% to 95% reduces transmission time, bandwidth usage and storage requirements by the same factor for affected data. CRC-Checking certifies that the data delivered is complete and accurate.

## **PROTECT SENSITIVE DATA AT REST AND IN MOTION**

Encrypted ZIP and PGP files are easy to deploy cross- platform mediums for insuring information is maintained in a persistent state of encryption, in-transit and at rest.

## **ADDRESS DATA SECURITY MANDATES AND REGULATIONS**

Certified strong encryption algorithms address compliance with industry mandates and government regulations such as, SARBOX, GLBA, PCI DSS, HIPAA, and FIPS.

## **AUTOMATE ELECTRONIC DELIVERY OF zSERIES REPORTS**

JES Writer support automates delivery of z/OS reports to end- user Email in-boxes and servers as compressed and encrypted ZIP, PGP, PDF and Delimited-Text files. Improving security, productivity and ease-of-use; while reducing costs and logistics for IS.

### **Application Modes**

- z/OS Native
- z/OS Hybrid

### **I/O Options**

- z/OS File I/O
- Network File I/O
- FTP I/O
- Email Delivery

### **Compression Formats**

- ZIP, ZIP64, GZIP
- TAR, TARGZ

### **Encryption**

- ZIP Keyword
- ZIP AES (128, 192, 256)
- PGP AES, 3DES, Blowfish

### **Presentation Formats**

- Text
- Delimited-Text
- Adobe PDF

# 21<sup>st</sup> Century zSeries Application Architecture

## z/OS Native Mode Functionality

In z/OS native mode, ZIP/390 is a file archiver and compressor compatible with WinZip, PKZIP, SecureZIP, 7-Zip, GZIP, and others. Beyond delivering what you'd expect in a ZIP utility, are additional features not found in competitive z/OS ZIP solutions; such as, built-in Email, FTP and JES Writer support. ZIP/390 can be used to add a robust secure ZIP functionality to z/OS or replace existing more expensive or unsupported z/OS centric ZIP processes.

## z/OS Hybrid Mode Functionality

ZIP/390 may also be run as a Hybrid Application which runs partly on z/OS and partly on Linux|Windows on zSeries. Leveraging 21st Century zSeries architecture enables processes to be controlled by z/OS with most of the overhead residing on less costly IFL|zBX processors; with no speed restrictions applied. Communications between the IFL|zBX and the GPP (General Purpose Processor) is enhanced due to the availability of HiperSockets, approaching memory speed within the zServer architecture for IP processing. Adobe PDF and OpenPGP (as well as ZIP and other functions) are supported in z/OS Hybrid Mode.

## Highlighted Features & Benefits

- EBCDIC/ASCII translation
- zIIP and Hardware Encryption support
- Built-in Email, FTP & JES Writer support
- Compression & Encryption Programmer API's
- OS's supported in Hybrid Mode: Linux, Windows, MAC OS X
- z/VSE support



## FREE UPGRADE TO SECURE ZIPPING FOR PKZIP SE & EE USERS...

Upgrading from PKZIP to ZIP/390 Secure Edition is comparable to upgrading to PKWARE SecureZIP SE; without the cost. In fact, costs are reduced!

Switching from SecureZIP SE to ZIP/390 Secure Edition delivers even bigger savings.

- ✓ No product license or edition upgrade fee
- ✓ Lower annual maintenance and hardware charges
- ✓ Plug & Play JCL compatibility
- ✓ No license fee
- ✓ Low annual maintenance
- ✓ Increased functionality

**For Additional Information and to Download a 30-day Trial, please visit:**  
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