



## z/OS Compression & Decompression



# Mainframe Compression and Decompression for z/OS

Developed specifically for z/OS, MegaZip supports multiple cross-platform compression formats such as Gzip, ZIP, ZIP64, and TAR formats. By reducing file sizes by up to 95%, MegaZip empowers data centers to expedite business processes and meet operational deadlines, reduce data storage, and compliment time constraints. MegaZip is built for cross-platform interoperability, equipped with user-friendly interfaces, Text Conversion utilities, and complimentary BLOWFISH cryptography.

## EBCDIC/ASCII Text Conversion

MegaZip for z/OS includes EBCDIC to ASCII text conversion to effortlessly accommodate data intended for operating systems outside of z/OS. MegaZip ensures text compressed on ASCII platforms will be rapidly and easily converted to EBCDIC after decompression on the z/OS operating system. MegaZip's text conversion utilities may also be used before compressing text destined to an ASCII platform so that after decompression, text is immediately usable.

Record delimiters may be easily added to records of your files with or without the conversion of text. In addition, MegaZip allows users the freedom and versatility to select the text conversion service that best fits their need. By utilizing z/OS Unicode services, MegaZip enables text conversion for widely-supported code pages, including EBCDIC and ASCII English, French, German, Italian, and Spanish.

## Hardware and Multi-Format Support

MegaZip will decompress any files zipped by supported compression methods such as ZIP, ZIP64 and GZip. MegaZip also allows for the extraction of files from TAR archive files. Additionally, MegaZip supports hardware-enabled compression and decompression for z/OS data sets, allowing for the efficient compaction of EBCDIC text on disk or tape.

## Performance and Security

In addition to its compression and decompression capabilities, MegaZip ensures security for your data by enabling symmetric BLOWFISH 448-bit encryption and decryption for data on disk or tape. Also included with MegaZip is the PC companion program MGCBLow for interoperability with any Windows user including users of MegaZip or MegaCryption on z/OS. MegaZip and MGCBLow users have the ability to create Self-Decrypting Archives (SDA's) for password-decryption of data on Windows without the hassle of installing decryption software.

## Intuitive and User-Friendly Interfaces

MegaZip's ISPF interface is available for JCL generation and system status information.

## Cross-Platform Compatibility

Files zipped with MegaZip may be transferred to Windows, UNIX, Linux, or other operating systems where widely-supported unzip/zip processing is supported. This cross-platform compatibility allows for convenient and efficient exchange of data across the enterprise, and with business partners, ensuring your data can be compressed and decompressed on nearly any operating system.

## PRODUCT HIGHLIGHTS

- Single or Multi-File Compression/Decompression
- High-Performance Zip/Unzip Rates
- Developed Specifically for z/OS operations using Zip, Zip64, & GZip
- Decompress Any File created using the widely compatible Zip-file format
- Dramatic File Size Reduction [Up To 95%!]
- EBCDIC To ASCII and ASCII to EBCDIC Text Conversion
- Included Free With MegaZip: BLOWFISH Encryption for z/OS and Windows
- Create Self-Decrypting Encrypted files for Windows
- Simple-to-Use ISPF Application and Sample Executable JCL Libraries

## ABOUT ASPG, INC.

ASPG is an industry-leading software development company with IBM and Microsoft certifications. For over 25 years they have been producing award-winning software for data centers and mainframes, specializing in data security, storage administration, and systems productivity, providing solutions for a majority of the GLOBAL 1000 data centers. More information about ASPG and its system administration and security products can be found on the ASPG website.

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