



ZIP/390 for zSeries

DATA COMPRESSION • DATA ENCRYPTION • DATA CONVERSION

FOR EFFICIENT SECURE DELIVERY AND STORAGE OF
zSERIES FILES AND REPORTS

Ask about our competitive product
replacement offer!



www.data21.com

ZIP INTO COMPLIANCE

THE LANDSCAPE FOR DATA PROTECTION

Regulatory drivers dealing with data integrity—**Basel II**, **Sarbanes-Oxley**—and with the confidentiality of the data—**HIPAA** and the **Gramm-Leach-Bliley Act**—coupled with the reality and efficiencies of electronic data exchange are requiring organizations to improve data security today.

Many organizations today are focused on Transmission Protection rather than Data Protection. The fact is that data is more vulnerable to unauthorized access while stored on a server than during transmission. SECURE-FTP and Virtual Private Networks (VPN's) provide only Transmission Protection and therefore fall short of delivering complete privacy assurance. Data Protection methods secure data during transmission *and* storage.

The shift to Data Protection has begun and will continue to be a key issue over the next few years. A recent report from Gartner sites that **“by 2006, 40 percent of enterprise security spending will be directed toward content security issues, not perimeter security.”**

THE CHALLENGES TO IMPLEMENTING DATA PROTECTION

Key challenges are ease of use and interoperability across different platforms. Related, but more difficult, is interoperability outside of the organization itself. **How do you exchange data securely with partners when you have little or no control over outside partners operations?**

With HIPAA, for example, you are dealing with diverse types of organizations and a wide range of competencies when it comes to skills and usability. For example, Hospitals may have secured systems, but the typical Doctor's practice tends to be very technology averse. **How do you deploy a data protection solution not only to partners but also to people who may not have the same level of sophistication in their environment?**

A SIMPLE SOLUTION TO A COMPLEX PROBLEM

ZIP/390 for zSeries supports the recent strong encryption options of the major PC ZIP products such as *WinZip*, *PKZIP*, *ZIP for UNIX* and *GZIP/400 for iSeries*. The most commonly supported option being AES, the public algorithm selected by the National Institute of Technology (NIST) to protect sensitive government information well into the 21st century. Ninety-five percent of all corporate desktops and 25 percent of all corporate data centers already use ZIP products for optimizing their transfer and storage efficiency. Leveraging these facts is a fast path to implementing secure exchange and storage across the enterprise and beyond.

FEATURES & BENEFITS

- Protects data to help comply with privacy mandates and regulatory requirements like SARBOX, GLBA, HIPAA and more
- Secures data delivery to desktops and servers throughout the organization and beyond to partners and suppliers
- Secures data with standard ZIP Keyword, AES strong password, PGP public key encryption and others.
- The ease of deployment and use of ZIP
- Enables secure *and* efficient file transfer and storage
- A virtually seamless replacement for PKWARE PKZIP for zSeries; tens of thousands of dollars less than upgrading to PKWARE SecureZIP.



INNOVATION, SERVICE AND VALUE

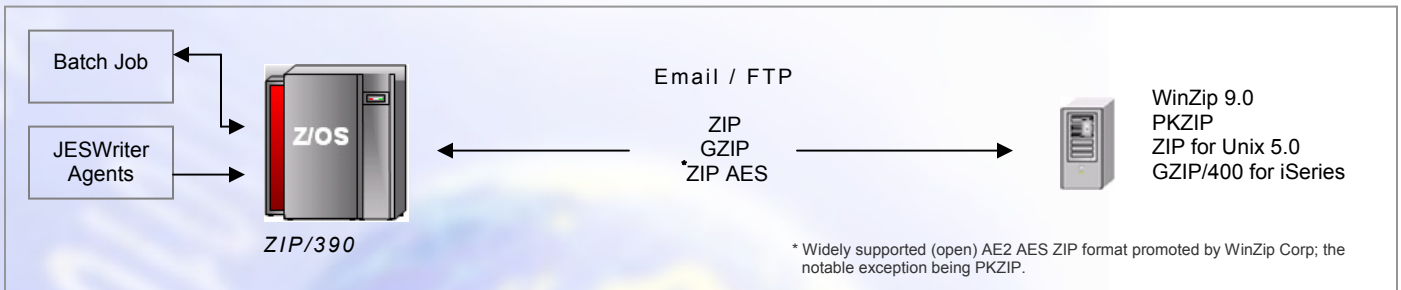
Since its inception in 1980, Data 21's mission has been to deliver innovative IBM mainframe-centric computing solutions that empower business and enrich end-users in the workplace. Today Data 21 solutions are highly valued strategic components at hundreds of top corporations around the world. With the Internet age upon us, Data 21 is focused on addressing Internet-related technologies for the secure, efficient, and flexible delivery of information over IP. ZIP/390 is a sterling example of Data 21's commitment to delivering innovative high-value products at a reasonable cost.

Data 21 strives to produce innovative products that meet our customers evolving needs. At the same time, we understand that long-term success is about more than just making great products. A commitment to outstanding Customer support and all of our twenty-five years of mainframe experience stands behind every sale we make.

NATIVE ZIP AND ZIP SERVER CAPABILITIES

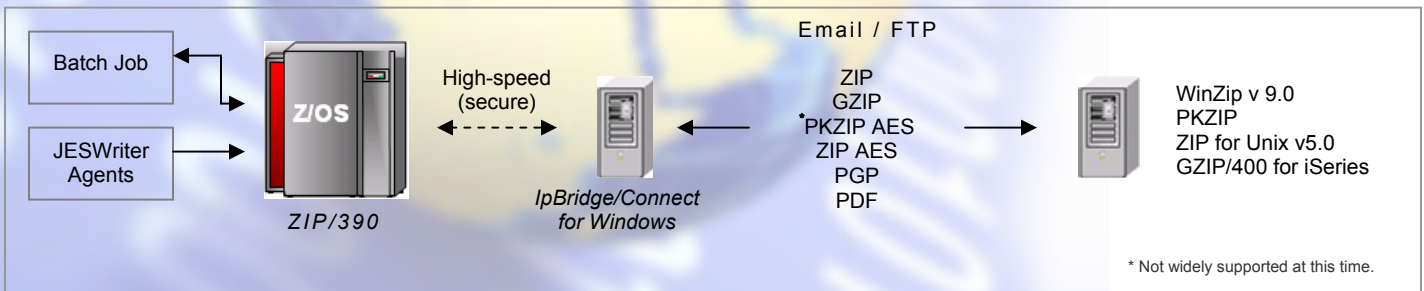
NATIVE FUNCTIONALITY

As a standalone ZIP utility ZIP/390 stands toe-to-toe with any ZIP utility for zSeries, both in functionality and performance – and generally at a fraction of the cost. Run batch jobs to ZIP/UNZIP AES encrypted ZIP archives and GZIP files exchangeable with Windows, Linux, UNIX, Solaris, HP/UX and iSeries platforms. Use the JESWriter support to automate delivery of mainframe reports to email inboxes or servers as ZIP AES encrypted files. Compress/encrypt mainframe files to optimize storage and protect data from unauthorized access.



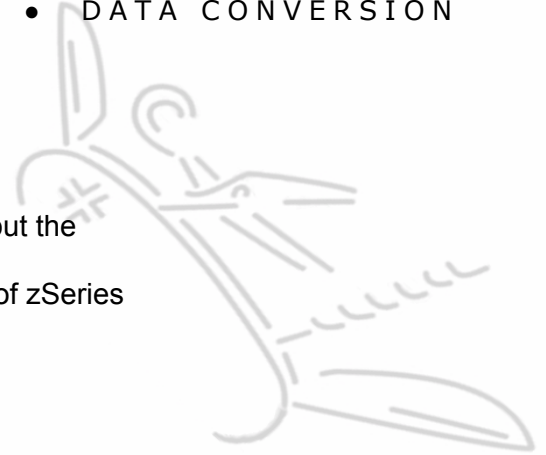
ZIP, PGP and PDF SERVER APPLIANCE

In addition to ZIP/390's superior native functionality, the product includes, at no extra cost, a server component which may be used to achieve improved performance and functionality; while remaining a completely mainframe job controlled process. The feature can be used (1) to slash compression/encryption time and overhead on large files by a factor of 2-3 times, (2) to exchange PGP files, (3) to disburse mainframe reports in Adobe PDF and spreadsheet ready files to email inboxes or servers, (4) as a high-speed file transfer method 2-3 times faster than FTP and (5) to remotely execute PC applications and receive the output back to the mainframe.



MULTI-PURPOSE UTILITY

ZIP/390 is a superior ZIP Compression Utility and API for zSeries ... but the story does not end there. This multi-purpose tool provides additional functionality for further improving the delivery, ease-of-use and value of zSeries data.



DATA COMPRESSION

ZIP/390 Delivers WinZip, PKZIP and GZIP Compatible Compression

Average compression of 85% to 95% reduces transmission time, bandwidth usage and storage requirements by the same factor. Reduced transmission time shrinks the batch window, lowers the odds of costly transmission failures and related job reruns. CRC-Checking adds a level of certification that all data has been received properly... before it is used.

DATA ENCRYPTION

ZIP/390 Delivers WinZip, PKZIP and PGP Strong Encryption

Ensures that compressed data is secure during both transmission and storage and opens the way to the use of public networks in place of more costly and difficult to implement private networks (e.g., leased lines and VPN's).

AUTOMATED DELIVERY OF MAINFRAME REPORTS TO EMAIL INBOXES AND SERVERS IN POPLUAR PC FORMATS

ZIP/390 delivers files and reports as Adobe PDF, delimited-text, and other formats.

Delivering zSeries information as PDF or delimited files increases value, productivity and ease-of-use for end-users and reduces cost and logistics for IS. Pushing reports directly to users email inboxes reduces printing and delivery costs while improving delivery speed.

HIGH-SPEED FILE TRANSFER

ZIP/390 provides an alternative to FTP which is two to three times faster with transparent CRC-checking and strong encryption.

Transfer files to and from the mainframe at speeds two to three times faster than FTP. Initiate in-line network processes to act upon data delivered from the mainframe.

Operational Modes

- Batch Job
- JES Writer Agents
- Programmer API

Built-in Communications

- FTP (I/O)
- Email Delivery
- High-Speed Copy

Compression Formats

- ZIP
- GZIP
- ZIP/64
- TAR
- TARGZ

Encryption Formats

- ZIP Keyword
- AES (128, 192, 256)
- PGP (Pretty Good Privacy)

Data Formats

- Text
- Delimited-Text
- Adobe PDF