

# absCompress

## OVERVIEW

absCompress compresses System i (AS/400) objects and files at high-speed to save space and reduce file transfer time. absCompress has consistently compressed objects over 80%. Libraries, save files, native objects, IFS objects, IFS directories, entire output queues, and selected spool files can be compressed quickly to a fraction of their original size.

## GZIP STANDARD

Files and objects can be compressed in an industry standard format to enable transfers to other platforms, like Windows or UNIX, and inflated with any Gzip compatible software.

## INTEGRATION WITH CPC

Our Cross Platform Commander product seamlessly interfaces with absCompress to compress and decompress objects as part of a data transfer.

## HISTORY CONSOLE

The absCompress history console can track the details of all compression or decompression it performs. Start time, duration, original size, compressed size, and all detail of a command are recorded. Files and objects can be restored directly from the history console.

## CONFIGURABLE PERFORMANCE

absCompress can be configured to compress for size or speed. You can select maximum compression when the size of the compressed file is most important or less compression when time is of the essence.

## OUTPUT QUEUES AND SPOOL FILES

absCompress can compress entire output queues or selected spool files from output queues. Spool files to compress can be selected by JOB, user, time and date, message queue and more. Entire output queues or only specific spool files can be “reprinted” from the compressed file.

```

ABSZMENU                               ABS/Compress                               Release 2.1.1
5/20/05 17:19:01                       Main Menu                                   User: JRCHXS
                                           System: S103C19C

Select one of the following:

1. Compress Libraries/Files
2. Restore Libraries/Files
3. Compress Spool Files
4. Restore Spool Files
5. Display History Log
6. Change Configuration Options

                                           Software Engineering of America
                                           1230 Hempstead Ave.
                                           Franklin Square, New York 11010
                                           (516) 328-7000

Select Option: _
F3=Exit  F6=Display Messages
  
```

```

5/17/05 14:23:23  ABS/Compress History Log Display  ABSR001  ABSD001

Type options, press Enter.
4=Delete  5=Work With  8=Display Detail

Opt Command  Compressed File Name  User  Job  Compression
              Start Date / Time
_ ABZIPLIB   /gordon/banana.gz    JRCAXP  Success  66.53 %
              05/16/05 21:19:13
_ ABZIPLIB   /abszip/franco.gz    JRCHXS  Success  66.38 %
              05/17/05 11:34:55

F3=Exit  F5=Refresh  F6=Return to Select
  
```

## SYSTEM i ENCRYPTION

absCompress comes shipped with industry standard and government approved AES encryption. Encrypting your System i data secures it for file transfer, physical transport and storage. We offer 3 levels of encryption up to 256 bit. Any System i data can be encrypted (LIB, SAVF, PF, etc.) through absCompress. All the functionality is supplied to compress and encrypt directly to tape.

Users enter a string known as a passphrase to encrypt data. Optionally the absCompress Keyvault feature can be used to assign a user friendly keyname to a passphrase. This feature provides administrators the ability to distribute the keyname to users without divulging the passphrase to unauthorized users. Because all absCompress functions, including encryption, can be invoked via command it allows data to be encrypted without using the passphrase in the command string. The keyname can only encrypt data; the original passphrase used to create the keyname is needed to decrypt/decompress the data.

```

absCompress Zip Save File (AB21PSAVF)
Type choices, press Enter.
Save File . . . . . PRODLIB Name
Library . . . . . *LIBL Name, *LIBL, *CURLIB
Compressed Output File Name . . . /ABSZIP/PRODLIB
Overwrite Existing Output File . . *NO *YES, *NO
Remove Save File After Use . . . *NO *YES, *NO
Additional Parameters
Target Release . . . . . *CURRENT *CURRENT, *PRV, VvRrMm
Compression Level . . . . . 1 1, 2, 3
Encryption Method . . . . . *AES256 *NONE, *AES128, *AES192...
Encryption Phrase . . . . . *MISOPS
Bottom
F3=Exit F4=Prompt F5=Refresh F12=Cancel F13=How to use this display
F24=More keys

```

```

11/02/05 13:01:11 absCompress Key File Maintenance ABSR020 ABS0020
Type options, press Enter.
1=Create 4=Delete 5=Work With
Opt Key Name Key Description
- *ACCTSRCV Accounts Receivable
- *HR Human Resources
- *MISDEV MIS Development
- *MISOPS MIS Operations
-
11/02/05 13:02:52 absCompress ABSR020 ABS0020
Create/Change Encryption Key
Key Name: *MISOPS
Password: This is the passphrase
Description: MIS Operations

```

An optional Windows component called absCrypt is also available. absCrypt extends your capabilities of encrypting your System i data by enabling it to be decrypted on your PC or windows server. You can use absCrypt to decrypt the System i file and view it or store it on your PC or Windows Server. absCrypt also allows you to encrypt Windows files and securely transfer them to your System i. Simply compress any file using a windows compression tool (i.e. WINZIP) and use absCrypt to encrypt the .zip file you create. When you successfully transfer the file to your System i, you may then use absCompress to decrypt/decompress the file.

Live Technical Support is Available 24x7.

# SEA™

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