



Keep private data private.

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AESMAIN          AES Encryption Main Menu
                  PowerLock Encryption

Select one of the following:
 1. Installation          20. AES encryption commands
 2. Enter AES trial code  30. Sample QCLSRC code
 3. Enter AES permanent code 31. Sample QRPGLSRC code
 4. Apply release upgrade  32. Sample QRPGRSRC code
 5. Start remote support
 6. End remote support
10. Work with AES keys
11. Spooled file menu
12. AES TCP services menu
13. Compliance report menu
14. Work with AES users
15. Configure AES/400
20. AES encryption commands
30. Sample QCLSRC code
31. Sample QRPGLSRC code
32. Sample QRPGRSRC code
40. Display tape encryption log
90. Sign off

The PowerTech Group and others, 2004
Version 4.10

Selection or Command
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F3=Exit  F4=Prompt  F9=Retrieve  F12=Cancel
F13=Information Assistant  F16=AS/400 main menu
  
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PowerTech Encryption includes options for key management along with encryption commands

PowerTech has partnered with Patrick Townsend and Associates to provide industry leading, 256-bit, AES encryption to our customers. AES (Advanced Encryption Standard) is an encryption method selected by the National Institute of Standards and Technology (NIST) of the US government to protect sensitive information in private and public applications.

PowerTech Encryption can be used for a variety of encryption requirements including file encryption, DB2 database field encryption, encryption of reports, and encryption of backup tapes.

For credit card security, AES is one of the recommended encryption methods of the Payment Card Industry (PCI) standard, and the Visa Cardholder Information Security Program (CISP). AES meets the requirements of strong encryption defined by the California privacy notification act (SB1386) and similar notification laws. Lastly, AES encryption satisfies the data security requirements of HIPAA for the medical industry.

PowerTech Encryption provides easy to use command and menu panel support for encrypting files.

For the ultimate level of data security use PowerTech Network Security and Authority Broker in conjunction with key management feature to control access to keys. PowerTech Encryption is integrated with Network Security to provide comprehensive access control.

“Encryption is the ultimate protection mechanism.”

— Payment Card Industry Data Security Standard

Encryption at a glance:

FEATURE	BENEFIT
Discovery of sensitive data	Quickly scope a project by finding the fields that need to be encrypted and the programs that reference them
Encrypt and decrypt fields in a DB2 database file or data area	Secure sensitive Social Security and credit card information
Support for Windows, Linux, Unix, and IBM System z (mainframe)	Keep sensitive data encrypted as it moves between platforms
Key management	Create and store keys and passphrases securely with backups
Encrypt and decrypt save files, spool files, and IFS files	Provides high performance and reliable AES processing for native AS/400 files
Extensive APIs and command support	Enables integration into existing applications and ERP solutions
Complete audit trail	Ensures regulatory compliance
Extensive sample code	Get projects up and running quickly
Data Masking	Expose only the last 4 digits of credit card numbers, as permitted by the PCI standard
Integration with nCipher, Protegrity, and RSA	AS/400 and System i is integrated with enterprise systems

About the PowerTech Group, Inc.

PowerTech is your security expert in managing evolving compliance and data privacy threats with automated security solutions for IBM Midrange Servers. Our ServerProven security solutions are straightforward and save your valuable IT resources, giving you ongoing protection and peace of mind.

Because iSeries and AS400 servers are used to host particularly sensitive corporate data, it is imperative that you practice proactive compliance security. As an IBM Advanced Business Partner with over 800 customers worldwide, PowerTech understands corporate vulnerability and the risks associated with data privacy and access control.

Seattle, WA-based PowerTech Group was founded by security experts in 1996.

To learn more, please visit www.powertech.com, to find white papers, case studies and detailed product specifications, or call 800-915-7700 to speak to a security solutions specialist.

