



MEGACRYPTION
Z / O S



THE #1 ENTERPRISE CRYPTOGRAPHY TOOL AVAILABLE

MegaProtection. MegaCompression. MegaAwesome.



CRYPTOGRAPHY TOOLKIT FOR IBM Z / OS

SECURE PROTECTION DESIGNED FOR IBM Z

As one of the industry's leading cross-platform cryptographic toolkits available, MegaCrypton boasts innovative key management alongside strong policy enforcement and enhanced compression improvement by up to 95% against leading competitors.

Offering built-in encryption, compression, translation, and integrity checking, MegaCrypton is an essential open-communication tool for strict data protection and file compression. MegaCrypton's unrivaled innovative any-platform cryptography framework offers industry-leading interoperability for complete Key Management and File Management.

MegaCrypton allows users to implement strict cryptography exactly where you need it. Secure data at rest, data to be transmitted via FTP, data in process, and backup data, all within the convenience of a single tool.

BUILT FOR YOUR ENVIRONMENT

Data security is no longer a "one size fits all" approach. MegaCrypton works with your individual environment to provide a tailored approach to protect exactly what needs to be encrypted and where. MegaCrypton removes the burden of data security by eliminating many common security exposures in a streamlined yet comprehensive solution. MegaCrypton also offers interoperation for open cryptography methods including OpenPGP, OpenSSL, S/MIME, CMS, PKI, PKCS and built-in conversion from EBIDIC to ASCII.

ALREADY UTILIZING ENCRYPTION TOOLS?

MegaCrypton's innovative multi-platform cryptography framework offers industry-leading interoperability for Key Management and File Management. Whether your organization utilizes hardware encryption, full disk encryption, IBM's ICSF, CPACF, or pervasive encryption, MegaCrypton's unique adaptive cryptography tools extend security to existing and emerging solutions already in place by providing both in-process and on-demand encryption.

FULL DISK OR HARDWARE CRYPTOGRAPHY?

MegaCrypton's technologies enable a more comprehensive solution for full disk & hardware encryption. In regulated industries, data-level encryption is a security priority. MegaCrypton satisfies all industry regulations including HIPPA, SOX, GDPR, & more. MegaCrypton users benefit from the availability of multiple encryption solutions including field or record encryption, data set or database encryption, application interfaces and batch automation.

USING ICSF OR CPACF CRYPTOGRAPHY?

Uniquely, MegaCrypton's innovative key management interoperability allows for strong encryption with or without IBM's ICSF and CPACF cryptography. MegaCrypton automatically detects and uses the mainframe's cryptography facilities to offload and accelerate encryption, hashing, and digital signature operations.

MEGACRYPTON HIGHLIGHTS:

✓
Secure file-level data encryption, compression, translation, and integrity checking

✓
Improve compression support up to 95%

✓
Cross-platform compatibility with WIN, Linux, UNIX, and more

✓
Complies with all worldwide data regulations

✓
Seamlessly works alongside existing encryption tools

✓
Protects critical data from origin all the way to destination

ALSO AVAILABLE:

MEGACRYPTON FOR
WINDOWS, DB2, IDMS,
UNIX & LINUX

SUPPORTED ALGORITHMS:

AES, RSA, CAST-5,
DH- ELGAMAL, DES, TRIPLE
DES, BLOWFISH, ARC4,
IDEA, DSS/DSA, SHA, SHA2,
SHA5, MD2, MD5, HMAC-
SHA-1, HMAC-SHA-2, CRC
AND ADL

**FREE 30 DAY TRIAL:
WWW.ASPG.COM**

WHAT ABOUT PERVASIVE ENCRYPTION?

As a vital component of your pervasive encryption strategy, MegaCryption's adaptive cryptography tools offer intuitive cross-system compatible cryptography and key management including deployment options for automation and on-demand scalability in applications, databases, and file management.

OPEN CRYPTOGRAPHY INTEROPERABILITY WITH MEGACRYPTION

MegaCryption boasts interoperability for open cryptography standards including OpenPGP, OpenSSL, S/MIME, CMS, PKI, PKCS, ZIP, ZLIB, and text conversion. Designed to resolve data confidentiality, data integrity, and data authentication mandates, MegaCryption offers best-in-class compatibility and customer support.

KEY FEATURES AND BENEFITS:

COMPREHENSIVE TOOLKIT	Encryption, Data Integrity, Key Management, Data Authentication and Compression all in one convenient tool.
EXTEND CONFIDENTIALITY	Encrypts mainframe data for FTP and SSL.
REGULATION COMPLIANCE	Complies with all worldwide and industry regulations including GDPR, SOX, HIPPA, EFTA, COPPA, PCI, etc.
NO LEARNING CURVE	User-friendly ISPF panels and sample JCL libraries for all skill levels.
COMPLETE PROTECTION	Secure on-site data, cloud-stored data, data transmissions, entire files, or specific fields within the z/OS environment.
KEY MANAGEMENT	Comprehensive key management easily adapts into existing keys including ICSF, OpenSSL, OpenPGP, etc.
SECURE KEY STORAGE	Via common mainframe security databases including RACF, ACF2, TopSecret and ICSF.
PARTNER SUPPORT	Courtesy software for business partners handling encrypted data.
INTEROPERATION	Compatible with PGP, OpenPGP, GnuPG, and any other OpenPGP conforming products.
HIGH PERFORMANCE COMPRESSION	zEnterprise Data Compression (zEDC) optimizes compression and boosts storage.
IMS CRYPTOGRAPHY	Protect databases containing classified or sensitive data.
AFFORDABLE AND EFFECTIVE	Protect your valuable data from security threats.
z/OS COMPATIBILITY	Works alongside all recent releases of z/OS.
SEAMLESS UPGRADES	Easy updates for existing MegaCryption users.
ASPG SUPPORT	World-class technical support available 24x7x365.

YOUR DATA: LEFT ANYWHERE, PROTECTED EVERYWHERE

Despite already implementing encryption, full-disk encryption can still leave an organization susceptible to data breaches. MegaCryption alleviates this security flaw by enhancing existing systems already in place. MegaCryption's open communication means it can easily connect with business partners, especially useful during the transfer of critical data to business partners who may be utilizing different software. With MegaCryption, your organization can confidently ensure your data is protected from origin to destination.

A true enterprise-wide solution, the non-proprietary nature of MegaCryption means users can utilize the tool inside a wide variety of environments including z/OS and distributed systems including Windows, Unix, Linux, and more.

For organizations regularly storing or exchanging sensitive information with business partners, MegaCryption satisfies all major data compliance policies, including HIPAA, GDPR, and PCI mandates. By fulfilling these data compliance regulations, organizations can safely acquire sensitive data from clients and business partners and know that their data will be secure. With MegaCryption's added data redaction feature, users can secure classified data throughout their entire organization from unauthorized breach or theft.

Latest additions to MegaCryption 6.5.0 include the new MGCSAGCM utility. This provides users with a highly efficient alternative for file-level cryptography using the GCM processing rule. Further performance enhancements include the zEDC (Enterprise Data Compression) feature which can now be utilized by OpenPGP and Zip/Unzip utilities, providing accelerated compression capabilities up to 95% and significantly reducing organization processing times.

As is customary with ASPG's suite of solutions, MegaCryption is available complete with celebrated 24x7x365 support services which provide unparalleled insight into expert advice, education, and insight into best practices.

*THE WORLD'S LARGEST ORGANIZATIONS TRUST
MEGACRYPTION TO PROTECT THEIR SENSITIVE DATA.
SHOULDN'T YOU?*



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800.662.6090 • 239.649.1548 • aspgsales@aspg.com