

ALLIANCE AES/400 FOR IBM i

Encryption of data at the file and field level, with a 256-bit AES algorithm certified by the NIST (National Institute of Standards and Technology of the USA).

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Our product, Alliance AES / 400 allows you to encrypt 1 million credit card numbers in less than one second of the CPU. Alliance AES / 400 is highly optimized for performance and is up to 100 times faster than IBM APIs on IBM i. It is extremely versatile because it allows you to encrypt on any platform and / or decrypt on any other platform.





ALLIANCE AES/400 FOR IBM I

CHARACTERISTICS:

-  **Data Masking:** Easily controls access to sensitive and confidential data
-  **Control of Cryptographic Keys:** Create and store cryptographic keys in a secure way through your Key Manager;
-  **Spool File encryption:** securely store and retrieve reports in real time.
-  **Encryption of Fields:** easy to use API to encrypt and decrypt the fields.
-  **Backup encryption:** Protect your backup and SAVF file tapes quickly and safely.
-  **TCP Encrypted servers:** To allow Windows, Linux, Unix, Web and any other application to encrypt TCP / IP protocol communications.
-  **Supports multiple platforms:** You can apply field encryption and files to ensure secure data exchange between IBM i, Windows, Linux, UNIX, and zSeries mainframe systems.

ADVANTAGE:

-  Encrypt data on your IBM i without changing the source code of your applications by using automatic encryption using FIELDPROC on versions of the IBM i V7R1M0 operating system.

It is the fastest and easiest way to implement encryption and protect your data.


Other benefits:


-  **Encryption of print files:**
Capture and encrypt print files automatically in real time or through a daily schedule. The encrypted reports are kept in line with the possibility of viewing and reprinting them.

-  **Encryption of IFS files:**
Encrypt and decrypt files in any IFS directory. Files can be encrypted on the IBM i platform and decrypted on Windows and Linux.

-  **Save encrypted files:**
You can encrypt and decrypt any save file online. The encrypted save files can be moved to offline storage or transferred to another IBM i system for decryption.

-  **Files decrypted automatically**
It allows to encrypt IBM i files in a Windows executable program with automatic decryption. Windows files with automatic decryption do not need additional software. This functionality is ideal for the secure distribution of small files.

-  **Compliance record**
The compliance record is integrated into all configuration and key management activities. The encryption and decryption registry can be implemented through directives or at API level. Full support for the IBM QAUDJRN security log. The optional Alliance LogAgent product collects all security events to be transferred to the log collection server or the corporate SIEM solution.

-  **Supports double authentication factor**
Along with Alliance Two Factor Authentication, companies can reduce the security weakness of trusting passwords as the sole authentication mechanism. By requiring additional information delivered to authorized users through SMS or voice messages, organizations can improve the security of their confidential data.

Very flexible licensing options
With the perpetual license and annual subscription options, protecting the confidential data of the IBM i has never been easier or more affordable.



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