

Key Connection for Encryptionizer

Solution Brief



Manage NetLib Encryptionizer Keys

Enterprises using NetLib's Encryptionizer solution for whole database, column, file, folder and back up encryption can now manage their encryption keys with Townsend Security's Key Connection for Encryptionizer.

Key Connection for Encryptionizer is a no-cost client side application that seamlessly integrates with Townsend Security's Alliance Key Manager, an affordable encryption key management solution that is available as a Hardware Security Module (HSM), Cloud HSM, VMware, or in the Cloud (AWS and Microsoft Azure).

About Townsend Security

Townsend Security provides data encryption & tokenization, key management, secure communications, and compliance logging solutions to Enterprise customers on a variety of server platforms including IBM i, IBM z, Windows, Linux, and UNIX. The company can be reached on the web at www.townsendsecurity.com, or (800) 357-1019.



FIPS-Compliant Encryption

Protect your personally identifiable information (PII) with encryption that provably meets industry standards and best practices

Built for SQL Server

Support for Microsoft SQL Server versions 2000 through 2014, Express through Enterprise editions.

Meet Data Security Best Practices

Separate encryption keys from the data that they protect with dual control and separation of duties

Affordable

Subscription and perpetual licensed options available for your budget

www.townsendsecurity.com

Manage Encryption Keys for NetLib Encryptionizer

Key Connection for Encryptionizer is a no-cost application that enables Alliance Key Manager to support NetLib's Encryptionizer for Microsoft SQL Server, a user and developer friendly tool that offers an easy and flexible environment enabling transparent database encryption (TDE), column and file encryption, as well as a flexible API set.

Automatic Encryption for Files and Folders

Enhance the integrity of your organization's security with NetLib's Encryptionizer, which features automatic folder and file encryption. NetLib's unique solution will automatically protect all of your important documents in just a few clicks. Using industry standard encryption and key management, users can meet compliance (PCI, HIPAA, etc.) with simple, fast and effective encryption for total data security integrity.

Unique Highlights of NetLib's Folder and File Encryption Include:

- **Simple Setup:** The audit log tracks user interaction with the files
- **Encryption Made Easy:** Library of commonly used windows file extensions for easy selection of preconfigured rules for document useage
- **Limiting Exposure:** Use FIPS compliant key management to limit your exposure to data theft

Encrypting Data in Microsoft SQL Server

Enterprises can use Alliance Key Manager and Encryptionizer to perform server-side data encryption for Microsoft SQL Server databases and columns. It provides an additional layer of security on top of Windows security and SQL Server security, in case perimeter defenses are breached. It secures data on servers as well as on backup media. Combined with Encryptionizer for SQL Express, Encryptionizer

secures distributed databases all the way down to the workstation or laptop. It supports SQL Server (2000-2014), Enterprise, Standard, Web, Workgroup and Express Editions. It is also a cost effective alternative to SQL TDE.

Meet Compliance with Certified Encryption & Key Management

Enterprises who need to meet compliance requirements understand the importance of NIST and FIPS validations. Becoming FIPS 140-2 compliant demonstrates that a product's stated security claim is valid according to legislative security requirements set forth by government agencies for cryptographic modules.

Townsend Security's Alliance Key Manager solution has been through the FIPS 140-2 validation process. While it is not possible to perform FIPS 140-2 validation in virtual contexts, all platforms use the same FIPS 140-2 compliant key management technology found in Alliance Key Manager HSM and in use by over 3,000 customers worldwide.

NetLib Encryptionizer's cryptographic module offers two forms of encryption, while simultaneously enabling companies to meet this required standard of security protection issued by FIPS 140-2 validation. NetLib received the FIPS 140-2 validation for its Encryptionizer® for SQL Server after months of rigorous testing and procedures.

Townsend Security

Townsend Security creates data privacy solutions that help organizations meet evolving compliance requirements and mitigate the risk of data breaches and cyber-attacks. Over 3,000 companies worldwide trust Townsend Security's NIST-compliant and FIPS 140-2 compliant solutions to meet the encryption and key management requirements in PCI DSS, HIPAA/HITECH, FISMA, GLBA/FFIEC, SOX, and other regulatory compliance requirements. Learn more at www.townsendsecurity.com.