

Advanced Disk-to-Disk Security

Day after day news is released that companies large and small are having data stolen, including credit-card and other sensitive information. Tape-based backups are vulnerable to theft because of the manual handling involved and are typically not encrypted (if even available) because the encryption process can be time consuming and cost prohibitive. EVault removes the human-element and exposure through data-centric technologies of DeltaPro™ processing, compression, and encryption to create a powerful and reliable security model.

EVault's pioneering disk-to-disk backup technology and state-of-the-art managed services automate data protection processes, enabling customers to cost-effectively streamline and secure their IT infrastructure and comply with regulatory requirements.

Our online disk-to-disk backup and recovery products and services are architected and provisioned to provide the maximum system security and data protection to maintain compliance for applicable industry regulations. Our superior technology, multi-layered encryption, and industry certifications combine to provide a total security solution.

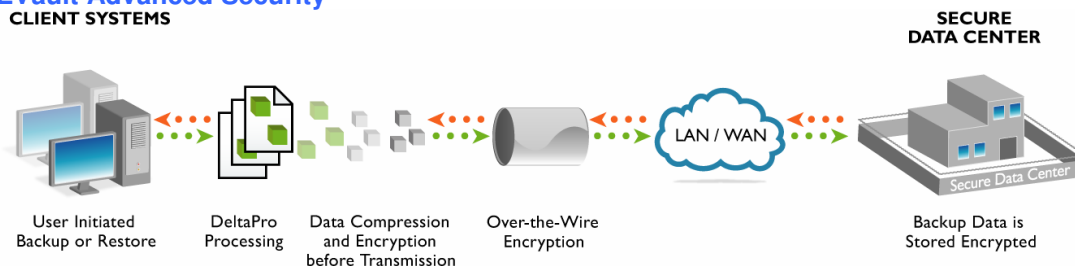
The importance of SAS 70 compliance

SAS 70 is the authoritative guidance that allows service organizations to disclose their control activities and processes to their customers and their customers' auditors in a uniform reporting format. In today's global economy, service organizations or service providers must demonstrate that they have adequate controls and safeguards when they host or process data belonging to their customers.

Baseline Data Services undergoes annual SAS 70 audits and has been issued a SAS 70 Type II compliance report by an independent auditor. With that report, financial services customers and prospects have uninhibited access to important information about Baseline's control activities and processes.

EVault Advanced Security

CLIENT SYSTEMS



Data is compressed and encrypted during backup (or decryption and decompression during restore) locally on client's system before it leaves the firewall and remains encrypted during transmission and storage in Baseline Data Services' state-of-the-art secure data center.

Advanced Data Security Features

User initiated connections

Data encryption

Over-the-wire encryption

Authentication, Authorization, and Accounting

DeltaPro™ processing

Data compression

Secure, disaster-ready data center

INDIANAPOLIS
317.707.3941

MICHIGAN
517.347.8724

www.baseline-data.com

User initiated connections to secure backup vaults

All interactions between the client systems and the electronic vault are initiated by the client system. Data is pushed outbound to Baseline's secure data center. No inbound connections into the client's network are made during either backup or restore session. There is no entry attempt from a foreign source through the client firewall.

Strong data encryption EVault offers multiple, user defined encryption levels. Higher levels include 128 bit AES, 112 bit 3DES, and 128 bit Blowfish. Data remains encrypted throughout transmission and while in storage and is only deciphered upon restore with the help of user defined password key. Not even EVault personnel have access to password key.

Secure over-the-wire encryption The backup and restore activity is encrypted. This "over-the-wire" encryption, assures that transmission of backup data between the client and the electronic vault is secure, even when using the Internet.

Authentication, Authorization, and Accounting EVault requires that each backup and restore session is both authorized and authenticated before data transfer can commence. The vault will uniquely identify and validate the system, the account, username and password used to access the vault. All of the authentication information is always encrypted. All backups and restores are tracked in detailed logs.

DeltaPro™ processing EVault's patent pending DeltaPro™ technology speeds up backup operations and drastically reduces storage costs as only new and changed data blocks within a file are backed up. All backup data can be compressed and encrypted before being transferred and remains that way on the storage vault, increasing security. EVault delivers superior performance that optimizes backup and restore functions, lowers back-end storage costs and helps businesses to gain and maintain regulatory compliance.

Optimized data compression EVault employs advanced, user configurable data compression. By combining compression encoding and sophisticated encryption algorithms, data security is inherently increased. Data remains compressed through transmission and while in storage to optimize bandwidth usage and to reduce client storage costs.

Secure, disaster-ready data center For Online Data Protection customers, all customer data is stored on state-of-the-art hardware at Baseline's data center in Indianapolis, Indiana. The facility is protected 24x7 through physical controls and surveillance. Redundant hardware, power, and disaster-experienced staff are ready to protect your organization.