

iNet Strategy: Secure Online Backup FAQ

Encryption

OnlineBACKUP is a secure online data backup which encrypts each file using 256 bit AES encryption technology. When you first install and configure the online backup service software, you will choose a 48 character string that will then be converted into a 256 bit encryption key. Only you will have access to this encryption key. It will never be transmitted over the Internet and it is never stored on our servers. This means that only you can access your online backup files. Each file that you backup is encrypted using this key and remains encrypted until you restore it and it returns to your computer.

How strong is 256 bit AES encryption? Well, let's put it this way. In June 2003, 256-AES was approved by the United State's National Security Agency (NSA) for use encrypting the U.S. government's documents classified "TOP SECRET."

Transmission

In addition, the software communicates with the backup servers using SSL (Secure Socket Layers) technology. This is the same encryption technology used by Internet browsers when a user enters a secured site such as an online bank. As a result, the online backup of data is encrypted twice. It is encrypted at all times using the 256 bit AES encryption, and it is encrypted again while it's being sent over the Internet.

Storage

Your data is stored (in encrypted form) in two, Tier-4, SAS70 Type 2 certified, online data backup centers, located hundreds of miles apart from each other. Each data center has 24/7 monitoring and advanced security measures such as biometric controlled access as well as backup generators and redundant connections to the Internet.



Key Features:

Ease of Use

- Automatic - Backups begin automatically according to a user definable schedule.
- Off-Site - All backups are sent to Intronis' servers in secure off-site locations.
- Custom Schedules - Backups can be scheduled to run as often as you would like.
- Scalable - eSureIT scales with you. You'll not have the expense of new hardware when your storage needs grow.
- Unlimited Backup Sets - Create multiple backup sets each with their own schedule and retention setting.
- Restore Files 24/7 - Get back a single file or recover your entire system whenever you need.
- Scripted Setup - eSureIT can be installed according to a setup script on multi computer installations.
- Remote management - Manage multiple eSureIT installations from one computer on your network.

Security

- Multiple off-site locations - Data is sent and stored in two redundant data centers located 500 miles apart.
- 256-bit AES Encryption - Files are encrypted using a unique 256-bit AES encryption key known only to the user.
- 128-bit SSL Transmission - Files are transmitted to the Intronis servers over a 128-bit SSL connection.
- Detailed Logs & Reports - eSureIT maintains detailed logs and provides a robust reporting system to view them.
- Email notifications - Automatically get notified when a backup completes.

Servers

- Open & Locked File Support - Seamlessly backup files while they are open and in use.
- Multiple Revisions - Choose to keep as many versions of older files as you are required to.
- Large File Support - Backup files of any size including multi-gigabyte files.
- Command Line Interface - Use the full suite of eSureIT features from the command line.
- Mapped Drive Support - Backup multiple computers from one eSureIT installation.
- Bandwidth throttling - Limit the amount of bandwidth used for backups according to your schedule.

Plugins

- MS Exchange plugin - Backup a live MS Exchange Server, Restore the entire database or select individual messages.
- MS SQL plugin - Backup MS SQL Server databases.
- Before/After/During plugin - eSureIT can perform actions and run scripts before, after or during a backup.

