

Smart Data Transport

- Data transmission itself occurs over your client's internet connection and can easily be configured to minimize bandwidth consumption. Our NAS leverages Adaptive Bandwidth Throttling, which only utilizes unused bandwidth or allows us to set a limit on outbound bandwidth used. (E.g. assuming the customer has a 768Kpbs outbound connection, adaptive bandwidth throttling can be set with a maximum at 512Kpbs). We can therefore exercise fine control over the data imaging and transmission processes.

- We perform packet level verification along with rate adaptive bandwidth throttling. The result is that we can send very large files over the internet without affecting outbound data rates. Additionally, we send data over a secure AES 256-bit encrypted UDP session, which provides significant efficiencies in data transport speeds. If the connection drops at any time the transmission picks up from the last successful packet received. This is a vast improvement over other technologies that use ftp transmission where a connectivity problem results in the entire amount of data needing to be resent.

More Features and Benefits:

- Block Level Backup
- Incremental Backup
- Security
- Smart Data Transport
- Onsite and Offsite Solution with Multi-Year Archiving
- Near Line Disaster Recovery Failover Using Virtualization
- Entire Solution is Fully Managed by Granite Mountain's NOC
- Restoration
- Bare Metal Restoration to Dissimilar Hardware
- Offsite Remote Storage
- NAS Device Specifics
- HIPAA, Sarbanes-Oxley, and Gramm-Leach-Bliley Compliance