

Benefits of Local PC versus Network Disk Storage

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We believe there are many benefits of locally stored data on the PC; we also recognize the need to be able to recover this data should a disaster situation occur; and we recognize the appropriateness of network file storage for shared data.

- Utilize the Local PC's Hard Disk availability, capacity, and responsiveness (speed)
- Utilize the Local PC's near zero incremental cost of storage
- Reduced network operational delays, demands and dependencies of network drive accesses
- Eliminates much network bandwidth consumption and congestion and therefore costs of maintaining a robust network
- Contributes positively to providing network bandwidth for network intensive purposes
- Independence from network availability, user can work without the network
- Increased confidentiality of information if necessary (backups off system to CD etc.), having on network storage actually provides easy access to many more UNI staff to common filenames increasing some risk.
- Increases overall utilization of tape backup system as this is utilized when not being operational for system server backup purposes
- Significantly reduces and therefore improves the currently nightly backup window for current server backups
- Extends life cycle of the tape backup equipment due to reduce dependencies
- User is able to designate and subsequently modify what PC files are to be backed up
- User can schedule the backup to be performed at any logical time as deemed appropriate by the user's needs and schedule
- User has capability to restart full backup routine at anytime desired
- User has capability to initiate a backup routine (full or incremental) at anytime
- Provides for convenient user level restore without needing central network administrator resources or personnel or tape system hardware.
- Multiple backups and restores can be occurring concurrently
- User has the ability to verify the completeness and integrity of the backup
- User control is far greater with local storage
- Historic problems associated with network storage backups is significantly reduced (many server backups did not run tonight because of a problem with one)
- Backup server is not specialized equipment and does not require high performance characteristics
- User has more of a data backup system rather than just a disaster recovery opportunity meaning they can easily restore files to a given day not just the last backup
- Most restore situations can be satisfied without delay and concurrently
- Tape backup is tertiary recourse for offsite disaster recovery purposes only
- User have improved comfort level and satisfaction by having control
- Reduced amount of data (plus associated costs of tapes & time) that is generically backed up (i.e. – My Documents\My Downloads, My Music, My Pictures, My eBooks)
- Setting up local backups does facilitate discussion of data storage and user operations with their technical support staff