

Peer Collaboration Package

THE GOAL: To facilitate high availability, collaboration, and backup among branch office collaborative users, by providing unobtrusive real-time mirroring and locking of files.

A study of 40,000 projects found that 66% of projects completely fail or are late, over budget or missing critical features. The cost overruns average an alarming 43% according to the Standish Group International. One factor that can contribute to these failures is geographical distance among project team members. Project teams now rarely have the luxury of working together in a single location. And they often lack even the assurance of having a stable team for the life of the project. Thus, as companies outsource more design and manufacturing services, their teams must find ways to work together across geographical and often company boundaries.

The challenges to be overcome

- Very large design project files require local copies at each branch location
- Need to reduce litigation risks and protect intellectual property
- Increased pressure to keep long-term electronic archives to stay competitive, leverage archived assets, and reduce overall design costs
- Geographically dispersed design teams necessitate sophisticated collaboration solutions

The Solution

- PeerSync Server
Installs directly on the server for real-time monitoring and on demand synchronization
- Multi-Threading
For parallel processing of files and folders
- Byte Level Replicator
For bandwidth usage minimization through the file transfer of only byte level changes of files
- PeerLock
Secures a user's files across a network of machines, ensuring that all copies of the files are locked while the user is working with the file

Typically, many different entities are involved in getting a building constructed, including building owners, users, financiers, design professionals and consultants on the many specialized component parts found in a building. Collaboration techniques involving technological tools have been available and in use for many years now in various industries, generating a growing amount of information and experience about implementation issues and solutions to problems that have been faced and overcome, with varying degrees of success.

Benefits derived from PeerSync Collaboration Package

- Transparent file synchronization and file locking among N number of geographical office branches
- Bandwidth Usage Minimization, through Bandwidth Throttling and Byte Level replication
- Real-Time File Transfer for fast recovery and usage
- Real-Time File Locking among branches
- Parallel File Processing

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