

PeerCollaboration

Enterprise Edition

for Windows and NetApp Systems

Main Features

- Choose which folders you want to share and with whom on a folder by folder basis. Shared folders will automatically replicate to only those file servers you designate.
- Shared folders will have real-time replication so changes made anywhere will propagate to all other locations.
- Files being edited at any location will propagate a file lock (to prevent version conflicts) at all other locations.
- All file transfers are secure and encrypted via SSL.
- Only changed portions of a file are replicated.
- Utilization of the NetApp FPolicy ONTAP API to enable real-time file synchronization and file locking between Windows and NetApp systems.
- Supported Platforms: Windows Server 2000, 2003, 2003 R2, 2008, 2008 R2, NetApp OnTap 7.x

Data Synchronization with integrated File Locking for Multi-Master Environments

A recent study of 40,000 projects found that 66% of projects completely fail or are late, over budget or missing critical features. One factor that can contribute to these failures is the geographic 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. As companies expand and open remote office locations or work with partner firms on projects, teams must find ways to work together across both geographic and company boundaries. Increasing this complexity is the large nature of certain project files, which necessitates that a local copy of such files are kept at each office.

Historically, providing project files to every team member was done through email attachments, uploading documents to an FTP site for retrieval, using a document management solution as a centralized data repository, and more recently, through document sharing services offered on the Internet. However, each of these solutions has its own limitations.

- How do you ensure that when one person is updating a file, another person is not simultaneously making changes and creating version conflicts?
- How do you ensure that team members are working on the most up to date files, regardless of where they are?
- How do you share large project files over a slow connection link and do it securely?

Introducing PeerCollaboration - Enterprise Edition

With these challenges in mind, PeerCollaboration was created to provide seamless document collaboration capabilities built around traditional file server management processes.

PeerCollaboration is an enterprise level real-time multi-directional distributed file locking and synchronization technology that ensures the same data exists on all participating servers regardless of where changes occur, and prevents users on disparate networks from accessing a file that is in use by a user on another network. A file collaboration session consists of two or more participating servers, and a folder hierarchy called the Watch Set, located on each server which will be kept synchronized by propagating file locks and modifications to all participating servers in real-time.

Support for Windows and NetApp Storage Systems

As companies storage requirements have grown, the adoption of feature rich network storage appliances has grown to meet this increasing demand for manageable and scalable storage systems. In particular, NetApp has become a leading vendor in this space for enterprise customer requirements. However, given the natural storage evolution of most enterprises to begin with Windows storage and then migrate larger offices to NetApp, a mixed (heterogeneous) environment

What customer say

"If a Kiekert employee in Asia wants to edit a document also shared with his colleagues in Mexico and Michigan, there is no problem. We can't stress enough how easy and effective the product is, especially in an environment like ours."

Karsten Wiemer
Teamlead SE
Kiekert AG

"Synergy can truly collaborate on large AutoCAD files, without hogging network bandwidth. Additionally, the software provided built-in disaster recovery, as you now have the same files on both ends. It's just a great solution for firms whose business runs on CAD files — or any files, for that matter."

Nedal Hamad
Senior Network Engineer
Team Accent

"Peer provided excellent support and had us up and running across all five sites in pretty short order. The best news is that now users don't call me with problems with file replication. Peer-Sync and PeerLock work flawlessly and completely in the background...it does exactly what it's supposed to do."

Davide Domeneghini
IT Manager
Advanced Accel.App.

of NetApp and Windows has become common across company branch sites while the requirement for file collaboration remains strong. To meet the demands of file collaboration across "mixed" environments, PeerCollaboration is utilizing the NetApp FPolicy ONTAP API to enable real-time file synchronization and file locking between Windows and NetApp systems.

How it works

PeerCollaboration has local and remote characteristics that form the basis of a distributed application framework. A PeerCollaboration installation is composed of 3 primary components:

1. The Hub

The Hub is the central component of the PeerCollaboration framework. All PeerCollaboration solutions are installed, configured and started at the Hub.

2. The Broker

The Broker makes up the central messaging system that supports PeerCollaboration applications. The Broker provides the core communication facility that connects the Hub and Agents in a PeerCollaboration environment.

3. The Agent

The Agent is a lightweight component that is installed on a networked host that enables it to participate in a PeerCollaboration environment.



About Peer Software

Peer Software is a market leader in data availability and collaboration solutions for the global enterprise. Our software provides powerful, cost-effective, and easy-to-use file and database management capabilities to over 10,000 enterprise customers world-wide and close to half of the current Fortune 100. Founded in 1993, the company is privately held.

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