

# PEERGFS™ IN HEALTH CARE

USING PEERGFS TO MANAGE REMOTE DATA FOR THE  
HEALTH CARE SECTOR

## The Challenge

Mobile workers, specifically General Practice Doctors accessing local data held on Windows File Servers located in surgeries.

The flexibility for Doctors to be efficient accessing patient records when working from multiple locations.

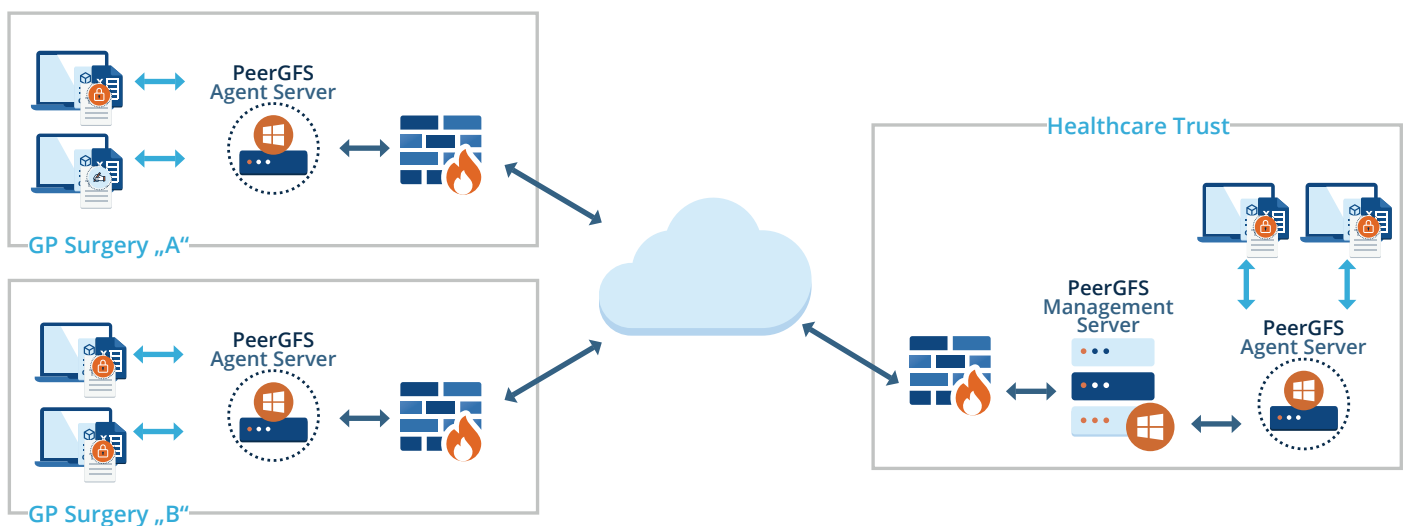
Sharing patient records with other GP's whilst safeguarding the content, avoiding overwrites and duplications.

Overcoming slow connection links between surgeries and hospitals.

## Solution

- ▶ By installing PeerGFS on Windows File Servers at each location and the DC, changes were replicated at a delta level between surgeries in real-time, overcoming any connectivity issues.
- ▶ File locking was added to allow documents to be collaborated on without the risk of losing data, overwriting notes and duplicating records.
- ▶ The PMC (Peer Management Console) was installed in the DC, enabling administrators to manage multiple file servers from a single pane of glass.
- ▶ Multi-vendor and multi-Cloud support = highly flexible environment, no matter what the future holds.

## Setup Example





## Results

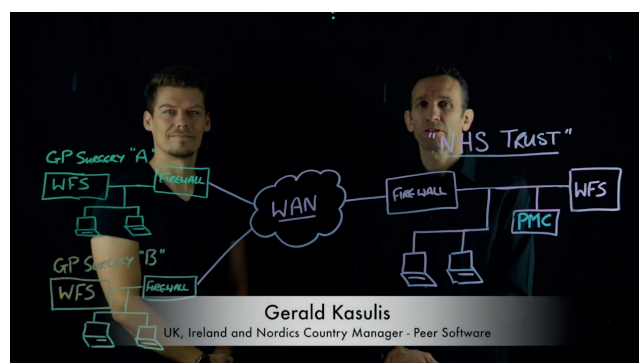
Doctors could easily work from multiple locations and have local access to all their files without the need for any infrastructure refresh.

Malicious Event Detection (MED) – PeerGFS' in-built Malicious Event Detection measures added an extra layer of security, thus stopping viral attacks such as Crypto Locker before they could cause any damage

Administration became easier as the IT team had a view across all Windows File Servers from within a single instance via the centrally-managed PMC.

## Additional Informations

**FIND OUT MORE ABOUT PEER SOFTWARE FOR THE HEALTH SERVICE IN THE VIDEO BELOW:**



► <https://www.youtube.com/watch?v=z8nOvlxsSSw>

## Benefits



### FAST FILE ACCESS

Improve Productivity for distributed teams by enabling fast local access to shared project files.



### CROSS PLATFORM

Replicate Data between the Storage Systems which best meet specific application / business requirements.



### FILE LOCKING

Enable fast, local access to shared file data without the risk of version conflicts



### NO VENDOR LOCK-IN

Non-proprietary, software-based solution supports native file and object formats.

## Design Considerations

### MINIMUM PEER MANAGEMENT CENTER SERVER CONFIGURATION

- ▶ Windows Server 2008 operating system or later.
- ▶ Must be a dedicated server. Physical servers are preferred and may be necessary in some cases, but high performance VMs running on enterprise-class hypervisors can usually suffice.
- ▶ At least four processor cores
- ▶ At least 4GB of system RAM with 1.5GB dedicated each to the Broker and Hub services.
- ▶ At least 50GB of free disk space on a reliable hard drive to accommodate installation and log files.

### RECOMMENDED PEER MANAGEMENT CENTER SERVER CONFIGURATION

- ▶ Windows Server 2008 R2 64-bit operating system or later.
- ▶ Must be a dedicated server. Physical servers are preferred, but high performance VMs running on enterprise-class hypervisors can work in environments depending on load.
- ▶ Four or more processor cores.
- ▶ At least 8GB of system RAM, with at least 4GB dedicated to the Hub service and 3GB dedicated to the Broker service.
- ▶ At least 250GB of free disk space on a reliable, fast hard drive or RAID array of hard drives to accommodate installation and log files.

### MINIMUM AGENT SERVER CONFIGURATION FOR WINDOWS

- ▶ Windows Server 2008 operating system or later.
- ▶ Physical servers are preferred and may be necessary in some cases, but high performance VMs running on enterprise-class hypervisors can usually suffice.
- ▶ At least two processor cores.
- ▶ At least 4GB of system RAM with 1GB dedicated to the Agent service.
- ▶ At least 5GB of free disk space on a reliable hard drive to accommodate installation and log files.

Windows Server 2012 / 2012 R2 deduplication technology is supported.

Agents communicate over Port 61616 for TCP or 61617 for SSL

#### ABOUT US

Since 1993, Peer Software has developed data management solutions that address unique challenges related to data synchronization, backup, and file collaboration in multi-site (WAN) environments.

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