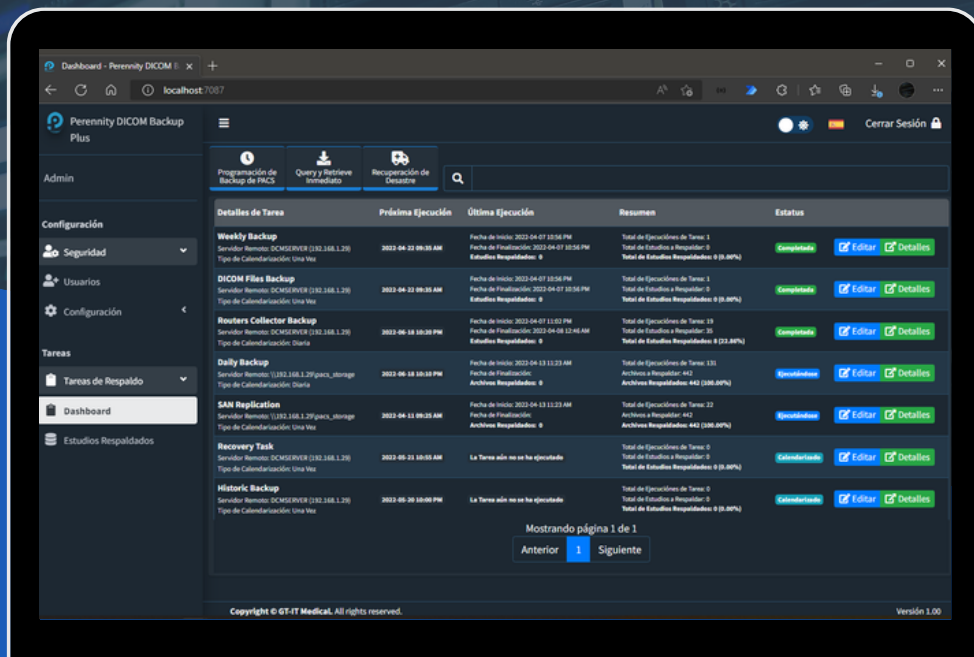# Perennity Backup & AutoDisaster Recovery PLUS

Vendor Neutral - Works with any PACS or Modality!

All-In-One 100% DICOM Solution for fully automated backup and disaster recovery

Contact Us

www.perennity.io
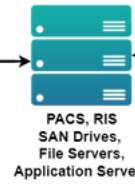
The true test of a backup's functionality is when you need to recover the original contents of your files. There are many ways to Backup. However, not all of them offer the possibility of backing up the PACS with the same format and with their corresponding access keys (indexes). Otherwise, when you need to recover the content, it is as if it did not exist and nothing works.

The PACS Backup in 100% DICOM format from Perennity Backup PLUS allows the system to immediately recover the files in the same PACS format, in an easy and effective way. and restores them to each original location.

PACS Substitution in case of disaster – Recovery of the PACS when it returns to normal

When, for any reason, the PACS stops working, simply assign the address that the PACS has (AET), to the Perennity Backup Plus server, and the latter continues to function as if it were the same PACS.

When the PACS returns to normal, Perennity Backup Plus goes into recovery mode and restores to the PACS all the studies that it stopped entering while it was out of service, so that everything is homologated on both servers.

Mirroring of the PACS storage units to a scalable storage system or cloud

There are many reasons to migrate between SAN or NAS drives, especially when the conditions are right to switch from one hardware to another. This functionality of Perennity Backup Plus allows you to make a mirror image of the selected drives, to later restore them to where indicated.

Study retention rules

Many DICOM storage systems are easily filled because they do not have the means to purge files that have served their purpose or are no longer needed for comparison purposes.

With Perennity Backup Plus, it is possible to define the longevity that the institution want to maintain for each type of study or for each volume of the Backup system. The objective is to allow automatic deletion upon reaching the expiration date that the system itself establishes.

Automation tool in the migration of the PACS

Most PACS on the market are branded, proprietary systems; and in case you want to migrate to a different brand of PACS, the migration becomes a complicated problem.

With Perennity Backup Plus, this is simple because the system is universal and the files contained in it can be migrated to a PACS of any brand. This is because Perennity Backup Plus is a vendor neutral archive file system (VNA).

Centralization of studies from different DICOM servers in a single system

If the institution has multiple acquisition centers for diagnostic imaging studies, Perennity Backup Plus allows to connect to each acquisition center, retrieve the images, and store them in a central location.

This is done through software that is installed on a PC or server in each place, which we call a router; and then transferred over the Internet. The information of each acquisition center can be evidenced through detailed reports of the origin, patient information, series and occupied space.Up to 5 Routers are included in base price of this platform. Additional routers are optionally available.

It is important to mention that it is possible to replicate the remote places and at the same time make the backup, while everything is being centralized in the destination place.

System Requirements

Windows Server Essential 2016 or Higher, Synology NAS (recommended) or any similar storage (FAST Silent Brick, NAS, SAN, etc)