

NXPowerLite Watched Folders Case Study

Atlanta Oral & Facial Surgery

Atlanta Oral & Facial Surgery have been providing speciality surgical services to the people of Atlanta, Georgia since 1980. They specialise in dental implants, surgical extractions and facial surgery and have 18 practices around Atlanta. The IT department services around 200 users, 350 computers and 50 document scanners across their surgery centres. All this is supported by virtual servers at their central repository with a backup and disaster recovery in place to catch any potential issues that arise. The servers are connected to the practices via a private network and with a client servicing app running across the system. They're currently using around 2TB of their storage capacity with room to grow at their current rate for the next five years.

The Challenge

Dan Hubbell, Director of IT, has run the technology department for the past 13 years with an overarching focus on the infrastructure and software used by the company. He runs a small team with one permanent staff member under him, as well as a couple of external consultants who he meets regularly.

He was concerned with the amount of large documents being transported back and forth from the satellite sites to the central repository over the network. The documents in question were predominantly PDFs produced by document scanners, as well as a number of uncompressed TIFF files created by the company's document management system ([WinOMS](#)) which is integrated into the client servicing app.

Unfortunately for Dan, the systems the company use do nothing to optimize the documents it receives and inefficient scanner settings used by the majority of the workforce made for a rapid increase in unnecessarily bloated files. As a result, the volume of network traffic produced was vast, and a constant flow of new documents, such as patient records and procedure documentation, being added to their network storage equally so.

The Solution

Dan wanted to proactively find a way to reduce the toll these files were taking on his network. The company were looking to move to a fully paperless working environment and he had been trying to delay, as he didn't think the current infrastructure would be able to cope with the influx of extra files from both a storage and traffic point of view. It could also have warranted moving to a more expensive license tier of the virtual network in place unless he was able to find a way to optimize the documents entering the systems.

He decided to go out and look for a dedicated solution to try ease the pressure. He looked at a number of other compression utilities before settling on NXPowerLite Watched Folders. The reasons for choosing NXPowerLite were three-fold. He needed any files compressed by his chosen software to stay in the same format and stay in the same place within his folder structure, two key features of NXPowerLite. He also needed licensing model that suited his

needs. He found NXPowerLite’s model the most cost-effective and bought a year’s subscription to our Watch

Folders solution with the ability to reduce his archive data. Dan said “I particularly valued the yearly subscription format and the fact it was great value for money, NXPowerLite seemed like a no brainer and it was easy to make the decision”. The other contenders he was considering tended to work on a page by page pricing structure which seemed unnecessarily pricey, considering the amount of documents he had in his repository and what he was anticipating from the imminent move to paperless.

The Result

Having initially taken up a free 30-day trial of the software to test the files reduction capabilities and how the software would integrate with his system, Dan put NXPowerLite to work on one of his main data stores configured to only compress PDF files.

“The amount of data I’ve reclaimed makes me feel awesome and I can now advise the company to roll out the paperless workplace plan.”

Dan Hubbell, Director of IT, Atlanta Oral & Facial Surgery

<i>Storage Reclaimed</i>	<i>324 GB</i>
<i>Files Optimized</i>	<i>66,236</i>
<i>Run Time</i>	<i>3 days, 16 hours, 24 mins</i>

With data being continuously added to his storage with regular updates from the satellite sites he wanted to see what kind of a dent it would return. Fortunately, NXPowerLite ensures all these files are kept to their smallest possible size and storage growth is kept to a minimum and, after running the software, reduced Dan’s network storage from 550GB to 233GB.

“Working Neuxpower has been a really enjoyable experience, the support from their Customer Team was amazing.”

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Having seen the capabilities of NXPowerLite Watched Folders at reclaiming his existing storage, Dan now plans to

use it on two more similarly sized datasets and feels confident that he can advise the company to start the migration to a paperless work environment as he knows that the network and stores will be able to cope with the increase in files. He's also planning to use NXPowerLite to watch specific folders which will optimize custom file types as data is added, ensuring that all files that enter his system will be at optimum size.

Working with Neuxpower

Having now been through the entire process, Dan was really impressed with NXPowerLite. He commented "The initial setup was easy, I just configured it to target the folders I needed to work on and adjusted the settings to the specifications I wanted to run with. The amount of data I've reclaimed makes me feel awesome and I can now advise the company to roll out the paperless workplace plan. I also have to say that working Neuxpower has been a really enjoyable experience, the support from their customer team was amazing. They even had people contact me out of office hours to run me through the few problems I had. I'd absolutely recommend them to anyone wanting reclaim storage space and reducing strains on their network".