



Autosports Prestige is a highly successful Car Dealership Group with eight Peugeot and Audi Showrooms in Sydney, Australia, and over 150 employees.

PC-Net Services, a long established IT Services and Systems Integrator looks after their entire IT Infrastructure, from Hardware Procurement and System rollouts through to day to day IT Support.

“Before we evaluated dataStor, we had not managed to find a backup software solution in the market at this level that would allow us to backup large datasets even over a slow WAN link – it really does a remarkable job of de-dupe at the client.”

David Seward, Technical Director, PC-Net Services

Issues with Legacy solution

- Media Management issues at remote sites with no IT Staff
- Missed and incomplete backups
- No central management ability, no test restores ever conducted

Objectives

- Centralise Backups to head office over slow WAN link (ADSL2 +)
- Easy Deployment & Management
- Ability to monitor backups from one location, and undertake regular test restores

Solution

- dataStor Shield EPS with Global Source Based Deduplication running on existing Server in HO
- NAS in Head Office configured to host the destination Store
- RDX Ruggedized disk based removable media system to backup NAS

The Challenge

Prior to implementing dataStor shield EPS, Autosports Prestige backups were decentralised; each dealership was responsible for running their own backup jobs, some backed up to tape, others to USB Hard Drives, and a variety of backup software applications were used.

‘The dealerships have no dedicated IT staff onsite, so the task of running backup jobs, and changing tapes or USB Hard Drives was generally a secondary responsibility of a nominated employee. It was not uncommon for backups to be missed, and test restores were a rarity, leaving some of the dealerships completely unprotected’ said David Seward, Technical Director at PC-Net services.

Requirements

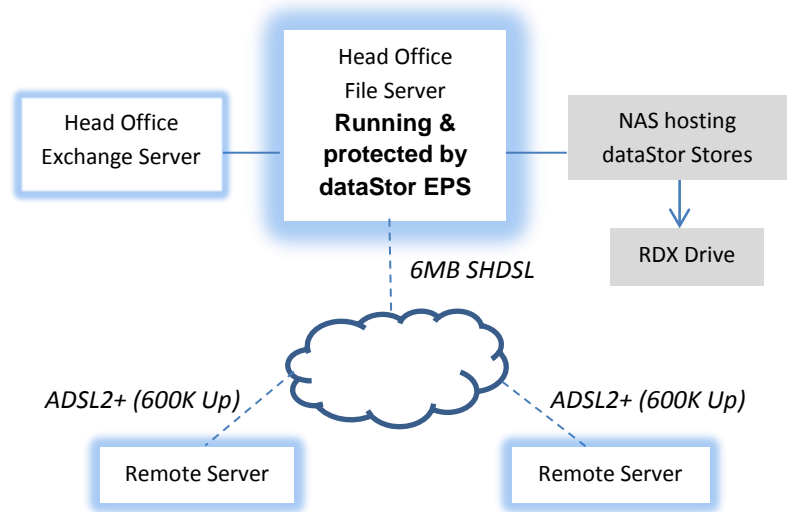
PC-Net were looking for a cost effective solution that would allow them to centralise backup jobs to the groups head office over slow WAN links, to eliminate Media Management responsibilities at remote dealership sites, and allow easier monitoring and management including the ability to regularly test restores. In addition to this, it also needed to be easy to deploy and update, and have the ability to work largely with their existing infrastructure.

‘We first became aware of dedupe some time ago, and always thought it could be a way to solve the backups problems AutoSports Prestige were experiencing, but before TData introduced us to dataStor, we had not managed to find a package that would provide the functionality required, at a price acceptable to our client,’ explained David, ‘the fact it could work largely with their existing infrastructure was a major benefit.’

The Solution

After a successful 30 day evaluation, PC-Net Services deployed dataStor Shield Enterprise Protection Server (EPS)

The Enterprise Protection Server Management Console was installed on the existing Server at Head Office and a NAS was configured to host the destination Store. Separate stores were created for files, Exchange & SQL data, then the details of each sever to be backed up was entered into the console.



‘The deployment of dataStor Shield couldn’t have been any easier, because no agents need to be installed on protected servers, all you need to do is install the EPS Manager, create a store, enter the servers to be protected, seed the initial backups for larger datasets, and you’re done,’ said David, ‘it will also make the ongoing management of upgrades, and adding additional servers to backup plans as the business grows or hardware is updated much easier.’

Ross Reichardt, Technical Support Specialist at TData explained ‘When a backup job runs, dataStor shield pushes out a scheduled task and binary file to each sever on the protection plan. Using VSS, an initial image of the server is taken, the image is then globally deduplicated on the protected machine, and only the unique deduplicated data is sent across the network and stored on the NAS in the AutoSports Prestige Head Office. Once the backups have been centralised on the NAS, the stores are copied onto an RDX Device attached directly to the NAS, and taken offsite.’

The Results

‘We now have the AutoSports Prestige Head office, and two of their remote sites protected with dataStor shield, and it is working flawlessly’ said David Seward, PC-Net Services, ‘over the next 6 months we will roll this out to the remaining 6 dealerships in the group.’

‘The stand out feature of dataStor is without doubt the deduplication engine; the dedupe ratios we have seen have been truly impressive. For example we have been able to back up a remote file server with over 16GB of data over an ADSL2+ connection with just 600k Upload speeds as only 8MB on average is coming in over the WAN.’

‘By implementing dataStor we have been able to eliminate media management tasks at the dealerships, and now have regular and reliable backups from the protected sites. We can monitor these from one console, and receive daily reports on backup jobs so we can be sure that they are working correctly,’ said David.

Benefits

- Centralised Backup Solution allows for easy management / monitoring of backups at remote sites
- No more Media Management headaches for Dealerships
- Regular Reliable backups achieved

Dedupe Ratios

(Protected / Stored for daily backups)

- HO File Server for 20 Staff
22.2GB / 48.6MB
- Exchange Server
102GB / 3GB
- Remote File Sever for 10 Staff
16.3GB data / 7.61MB

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David Seward, Technical Director, PC-Net Services



[dataStor Shield](#) is available to IT Resellers & Systems Integrators in Australia exclusively from specialist Distributor [TData](#). For additional information including pricing requests, or to organise a no obligation 30 day Evaluation please contact sales@tdata.com.au, or call +61 (2) 8852 5000.