



Test & Computer Services Ltd

## Optimisation of customers IT Infrastructure

# Case Study



### Challenge

The customer was running out of storage only a few years into a five year plan that had been produced by a trusted vendor. The customer urgently commissioned a complete review of their IT infrastructure in order to understand why they were running out of storage space and to see if there was an opportunity to consolidate, reduce the data usage and save costs. The customer also wanted to plan for the future but had limited budget in the short term so needed a way forward without spending large sums of money.

### Solution

A combination of the FAS (File Allocation Service), BRAMS (Backup and Recovery Service) and the PAS (Performance Analysis Service) were implemented. These services highlighted many issues the client did not know existed such as making multiple copies of files by performing backups on a daily, weekly and monthly basis directly to new storage and not overwriting old data. The client was keeping files on high cost storage when they had not been accessed in more than 6 months (82% of stored files) as well as storing large amounts of employees personal files. The excessively high number of file copies was a contributing factor in the lack of storage.

### Outcome

The customer corrected their backup procedures immediately and was able to free up a large amount of expensive storage, reduce the time taken for backup windows and use the recovered storage to provide enough storage capacity to cover the clients immediate needs. The customer then reviewed the future requirements based on the data supplied and postponed all new storage purchases with a review in 18 months.

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## 25 Years of Experience