

# Who makes sure that Norwood's IT continues to evolve to meet the changing business requirements...

**we do**™

Over 200 years old, Norwood is a charity that supports people with learning disabilities and families in need, working with individuals to improve the quality of their lives and achieve their goals.

Norwood provides these services to both Jewish and the wider community. These specialist services are delivered by 1200 staff and supported by 700 dedicated volunteers spread across multiple sites.

Being old and established doesn't mean that Norwood should use old and out-dated IT technology. In reality being at the leading edge is more important to them today than at any other time in the last two centuries of their existence.

Deverill consultants conducted a major technology review to assess the current infrastructure and with Norwood's management considered the organisations developing needs. Norwood had reached the limits with their existing VMware servers and existing storage system. Performance, capacity and cost effectiveness were the bottom-line for the organisation in the future. Deverill designed a solution to enhance and expand the current VMware environment.

Two new HP VMware host servers were implemented alongside existing VMware hosts in a fully redundant iSCSI configuration to a shared HP StorageWorks dual-channel MSA configured as two RAID5 arrays yielding 2.7Tb of storage. At the same time all VMware software was upgraded to the latest version.

One of the old VMware host servers was reconfigured with the old SAN to provide a comprehensive backup and disaster recovery solution, providing additional resilience and cost effective use of otherwise redundant equipment.

Deverill expertise provided Norwood the best solution to maximise their ROI and still achieve the performance demanded by their stakeholders and end users.

**Lorraine McKay – Head of IT at Norwood said;**

"Virtualisation allows us to get the most out of our infrastructure investment. The Deverill team recommended and configured the environment and it allows them to quickly respond to our changing business needs, without incurring further infrastructure costs."



## Norwood now benefit from

Lower operating costs

Reduced system management time

Higher system performance and availability

Scalable large capacity storage solution

Built-in system resilience

An easily scaled infrastructure

Simplified and lower cost DR provision

Cost saving by utilising existing equipment

Green benefits for Norwood:

- Number of physical server virtualised = 22
- Annual power and cooling reduction = 82%
- Estimated annual energy cost saving = £8,700
- Reduction in carbon emissions = 88.6 tonnes/year

**deverill**™ we do™

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