



case studies

Spectacular Opticians – www.spectacularopticians.co.uk – around 35 users



We were recommended to Spectacular Opticians to take a look at their IT and make it better in terms of security, speed, flexibility and to offer a better support package – both onsite and remote.

Spectacular were running an ageing, non-redundant server unable to keep up with demand and no redundancy leaving Spectacular open to single points of failure. We worked closely with their Business Management software provider to migrate them as seamlessly as possible to the whole Office365 solution – Outlook for email and collaboration plus OneDrive for file storage and file sharing. We migrated Spectacular practice-by-practice entirely remotely keeping all their files and emails.

We then upgraded nearly all their PCs to our standard specification – Intel i5 processors, 8GB memory and 256GB superfast solid state disks – all bought cost-price direct from eBuyer. As PCs were delivered on a next day basis, we were there to install and provide support onsite at no extra cost.



We now provide ongoing support, installations and consultancy at a fully inclusive monthly rate no matter where we're asked to be nor how much time it takes.

N&C Glass Ltd. – Lancaster Way – www.nandcglass.co.uk – around 20 users



N&C found us online and asked if we could come in to take a look at their IT as “things didn't seem right”. Our free IT audit proved their IT was not configured correctly which meant logging in was slow as well as file access and general use of the system. Other parts of the system could also be reinforced to better security.

We also advised N&C to invest in a new server as the current server system was getting close to four years old and as such should be considered for retirement. N&C were also looking to dramatically improve their systems with regard to performance, security and longevity. We, as well as other suppliers, were asked to coordinate upgrades, not only for their servers and networks, but also their business management software and Sage.



N&C were also running in a Windows 7 environment – we advised N&C that Windows 7 would be retired in January and we're advising all clients to upgrade sooner rather than later to Windows 10 Professional. N&C now run on Dell-supplied, state-of-the-art

Windows 10 Professional with 8GB memory, i5 processors on super-fast solid-state-disks PCs and laptops. N&C also

have the ability to connect to their network and systems from anywhere, removing the boundaries to their offices and driving efficiencies.

Horizon Retail Marketing - The Dock, Ely - www.horizon-rms.com – around 20 users



ElyIT made contact with Horizon on the off chance whilst seeing another client in the area. Horizon called ElyIT in as they felt their IT was slow and non-responsive.

Horizon's IT was slow as they had no server system in charge of their IT. Servers act as an authority on a network – the PCs trust the server and the PCs use the server to find themselves and other devices on the network. Without a server, the PCs send out broadcasts on the network, which slows everything down.

ElyIT spec'ed and installed a new Dell server, cost-price. As part of the project their PCs were upgraded, cost-price, to Windows 7 or 10 Professional. Horizon needed to upgrade to Windows Professional such that they could then join the server and therefore join the trusted group of computers called a domain.



ElyIT also migrated Horizon to Office365 – prior to this they were running basic POP email which meant no collaboration – no calendaring or group mailboxes.

Horizon also had problems with SPAM and viruses. ElyIT also migrated Horizon from Norton Anti Virus to best-in-breed, cloud-managed BitDefender.



Horizon were also keen to take advantage of cloud hosting, not only for their email, but also a Sage solution for use by users either in the office, from home or elsewhere.

EARTHCO – Ashley Park, Witchford, Ely - www.earthcoltd.co.uk – around 20 users



EARTHCO contacted ElyIT as they wanted peace of mind that their backups, security and file security were being managed and protected.

EARTHCO took advantage of ElyIT's free IT audit and agreed to buy in a Windows Server to host all their files and manage the network such that it is now fast, reliable, dependable and protected. The server now controls all the usernames, passwords, security groups, printers, remote working and much more.

As part of the migration to a server system EARTHCO, under ElyIT's advice, also bought in a Draytek enterprise class router. At less than £200 Draytek routers offer enterprise class firewalling and incredibly secure remote access using

www.ElyIT.co.uk – 01353-780770 – ElyIT.co.uk, 61a, Fieldside, Ely, Cambridgeshire, CB6 3AT

IPsec virtual private networks. EARTHCO, as well as many of ElyIT's customers, enjoy fast, secure, easy remote access – working as if they are in the office on their PCs.

EARTHCO also backup their systems every two hours to a renowned cloud-based backup provider. Much like nearly all of ElyIT's clients, EARTHCO use MozyPro which backs their systems up every two hours. MozyPro allows for a month's worth of 2 hourly backups.



MLH Transport – Haddenham, Ely – www.mlhtransport.co.uk – around 15 users



MLH Transport is a family run logistics company specialising in transportation of chilled goods.

MLH found ElyIT on Facebook and got in touch to have a look over their IT. Since then, MLH have enjoyed growth such that they have had to buy in new PCs and laptops as well as fit out new offices.

Initially MLH were using a PC in the office as their server. The PCs were configured in a Workgroup meaning no single PC was in charge; instead each user had an account on each PC and the main PC another user account and used a system called password-passthru.

Email was provided by a PoP mail server, phones were running on a VoIP system with their own internet connection as well as another internet connection for the PCs and laptops. Due to MLH's location the internet speed and therefore internet reliability, affecting phones and emails, was an issue.

MLH first had a server installed which took care of storing all company files and folders. This was backed up every two hours to MozyPro cloud backup. The PCs trust the server and the server managed the security of the network such that every user has an account and the folders are secured using security groups on the server.

Due to the internet speeds via copper cable to their offices, ElyIT put MLH in touch with AirBroadband. AirBroadband supply high speed, reliable internet access over commercial, public, secure WiFi networks. Previous to AirBroadband MLH's internet speeds were ~3Mbps download and ~0.6Mbps upload – making cloud backups almost impossible.



Now, MLH enjoy 10Mbps download and the same for upload, provided reliably and securely from AirBroadband.



MLH have also been migrated away from an insecure PoP email service to Microsoft's Office365 platform giving them secure and encrypted 50GB mailboxes, email to mobile phones as well as the latest and greatest Office suite for their PCs and laptops.

Most recently MLH's Sage Accounts package has been migrated, by ElyIT, to SageDrive. In the past, Sage has had to be installed on a server/PC in the office and if anyone wanted to use Sage they would have to be in the office. This meant users had to come to the office which meant very little flexibility.

Sage Drive is cloud-based Sage – your Sage data is hosted with Sage securely on the internet. MLH can now offer their accounts and accountants secure access to Sage, no matter where they are. They no longer have to be in the office.