



“Virtual Tech has improved our business, improving systems and releasing internal resource to increase productivity and efficiency. They were able to take our existing installation to a fully realised IT infrastructure which is now adaptable to our growing business requirements. Virtual Secure Store provides us with the peace of mind that CP Electronics will always be ready for business.”

Paul Mans, MD, CP Electronics

CHALLENGE

- Client/Server network
- Backup Solution
- Disaster Recovery
- Network Security
- Remote Access
- IT Support

SOLUTION

- Microsoft SBS 2003
- Cisco Networking
- Virtual Secure Store
- Virtual Guard

CP Electronics – Intelligent Energy Control

CP Electronics is a company specialising in the manufacturing of intelligent lighting and energy control systems.

Their current Windows infrastructure had grown organically and no longer provided the performance or structure that was required for their rapidly growing business to operate efficiently.

CP Electronics' current IT services supplier was also unable to provide them with the elevated services that were now required.

Virtual Tech Professional Services implemented an Active Directory infrastructure utilising Windows Small Business Server 2003 coupled with an upgrade of all client machines from Windows XP Home to XP Professional. This allowed for central management of users and computers. Microsoft's Business Desktop Deployment Framework was utilised to assist the XP Professional and Office 2007 migration. Group Policies, NTFS Permissions and Logon Scripts were introduced to provide increased security, and drive/folder/printer mappings dependent on departmental group membership.

Remote access was provided to CP Electronics' Headquarters through a secure Cisco VPN client over Vodafone's 3G network. Exchange 2003 Mobile Services, Outlook Web Access, Outlook Mobile Access and Outlook Anywhere were also enabled. This allowed CP Electronics' mobile sales force and remote users to always be connected and ready for business.

Virtual Tech's Virtual Secure Store (VSS) was deployed for backup and disaster recovery. VSS provides CP Electronics with autonomous backup schedules, granular file recovery, and rapid recoverability to dissimilar hardware or even virtual servers hosted by the Virtual Tech recovery server placed on site.

Virtual Secure Store also provides CP Electronics with a fully fledged disaster recovery solution. Data is securely replicated each evening to Virtual Tech's Tier 4 collocation. In the event of a server failure or office failure CP Electronics servers can be easily recovered and made available through a secure web portal.

Virtual Tech also took over support responsibilities, employing Virtual Guard which consists of two dedicated qualified support engineers and real time monitoring of their server and network infrastructure. This allows Virtual Tech to prevent and resolve any infrastructure based issues, long before the client is even aware that an issue has occurred. Virtual Guard also enables traditional, over the telephone and remote support for CP Electronics' end users.