



CASE STUDY

Hydronix

Introduction

Hydronix had been in the same location for several years but were moving to a new bespoke building and wanted a fresh start with their IT infrastructure, rather than moving old equipment.

Situation

Design and install a complete network infrastructure including cabling for the whole building and blanket coverage Wi-Fi for both staff and visitor, Firewall protection for the internal network and simple and safe remote access for staff.

Design and implement a new Server based windows network including multiple Virtual Servers for both network control and management, data storage and databases.

Solution

Our cabling team outfitted the new office with a networking solution providing CAT6 all terminating in a centralised Comms room.

Setup a virtual environment solution for hosting Windows Servers including Domain controllers, CRM and Application Servers. The virtual environment is backed up to the cloud. A centrally managed Wi-Fi and security was installed after performing a site assessment to confirm where Access Points were needed to ensure areas were covered as well as possible.

Existing workstation were transferred, installed and setup on the new domain. Alongside this, the workstations were upgraded with new, faster SSD drives. All workstations were also upgraded with 2x new monitors.

All meeting rooms were setup with large format TV/monitors and the main meeting rooms were equipped with large format smart touchscreen computers to simplify meetings and presentations.

All of this tied in together using a hybrid AD and AAD system.

Summary

This project was successfully completed with all staff able to continue working the new environment with minimal downtime and inconvenience.