

CHALLENGES

- Remote workers
- Specific security requirements
- Outages not acceptable



KEY TECHNOLOGIES

- Ubiquiti • VLANs • Sophos Firewall • Network QoS and Security
- VOIP • CCTV

CUSTOMER AT A GLANCE

Special Steels, established in 2002, has a strong entrepreneurial ethos and operates with flexibility and dynamism, offering their customers engineering grade steel cut to length at competitive prices. They have grown substantially since inception, with a significant stockholding and an efficient logistics capability.

OVERVIEW

Special Steels operates a large network 24/7. Several technology upgrades were required, including increased internet breakout, upgraded VOIP, implementation of high-definition CCTV, and upgraded WiFi – all running on their internal network. This ensured hassle-free operations and that services could run smoothly.

SOLUTION

TECHTRON upgraded the network infrastructure using the Ubiquiti Unifi range of switches and APs, segregating the network into segments using VLANs and prioritizing certain traffic, all managed and secured through a Sophos Firewall. One of the key benefits of upgrading the network was the ability to separate and manage the high-definition streaming CCTV which was previously causing bottlenecks in the network. Another key benefit was being able to ensure reliable, high quality VOIP calls on the network for better service and no dropped calls.