Internet & networking · Professional services

From failing FTTN to 1 Gbit Enterprise Ethernet and full office Wi-Fi

An office struggling with slow, failing FTTN NBN and patchy Wi-Fi moved to 1 Gbit NBN Enterprise Ethernet, protected by a WatchGuard firewall, with 8 Ubiquiti wireless access points covering the whole office.



1 Gbit	8	1	100%
NBN Enterprise Ethernet	Ubiquiti wireless access points	WatchGuard firewall	office Wi-Fi coverage

Before

• The office ran on FTTN NBN over old copper, which was slow, unreliable and failing regularly.

• Dropouts interrupted cloud apps, video calls and day-to-day work across the whole team.

• Wi-Fi coverage was limited, with dead spots and weak signal away from the router.

• There was no business-grade firewall protecting the network.

• Every outage meant lost time, and there was no guaranteed fix time from the carrier.

After

• 1 Gbit NBN Enterprise Ethernet delivers fast, symmetrical, business-grade internet with a service guarantee.

• A WatchGuard firewall secures the network, with gateway protection, reporting and VPN access.

• 8 Ubiquiti wireless access points give fast, seamless Wi-Fi in every corner of the office.

• Cloud apps, Teams calls and large file transfers just work — no more dropouts or dead spots.

• Unicorn IT Group monitors and manages the connection, firewall and Wi-Fi, so issues are fixed before staff notice.

The client and the challenge

This office depended on the internet for everything — cloud applications, video meetings and phone calls — but the connection underneath it all was FTTN NBN running over ageing copper. It was slow at the best of times and failing at the worst, and the limited Wi-Fi meant large parts of the office barely had coverage.

Unicorn IT Group was asked to fix it properly: a business-grade connection, a real firewall, and Wi-Fi that reaches every desk.

What we did

• Ordered and project-managed a 1 Gbit NBN Enterprise Ethernet service, fibre all the way to the building.

• Installed and configured a WatchGuard firewall for gateway security, reporting and secure remote access.

• Designed a wireless survey and installed 8 Ubiquiti access points for full-office coverage.

• Migrated the office onto the new service with minimal downtime, then decommissioned the old FTTN link.

• Took over monitoring and management of the connection, firewall and wireless network.

The outcome

The office now runs on fast, symmetrical 1 Gbit fibre with a business service guarantee, protected by a WatchGuard firewall. Staff get strong Wi-Fi wherever they sit, and the daily dropouts that used to interrupt work are gone.

The whole stack — internet, firewall and Wi-Fi — is monitored and managed by Unicorn IT Group, so the business can simply get on with work.

Could we help your business?

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