

AIR FIBRE & POINT-TO-POINT

Construction

Connected 3 Home Builder Offices with Dedicated Gigabit Air Fibre

A growing home builder had three offices on separate streets roughly 300 metres apart. Staff were juggling slow VPNs, USB drives and email attachments to share large plans, contracts and site photos between sites. We designed a dedicated gigabit air-fibre network linking all three buildings without trenching streets or waiting months for carrier fibre.

KEY RESULTS

1Gbps

dedicated air-fibre between offices

300m

approximate distance between sites

3

offices connected as one network

99.9%

target uptime with ring topology

BEFORE

- Three offices on different streets with no direct, high-speed link between them
- Large construction plans, site photos and video files were painful to share across sites
- Staff relied on consumer-grade internet and VPNs that dropped during uploads
- Trenching dedicated fibre between sites was expensive, slow and disruptive to local traffic

AFTER

- 1Gbps - dedicated air-fibre between offices
- 300m - approximate distance between sites
- 3 - offices connected as one network
- Site survey with clear line-of-sight checks between all three rooftops

"Sharing building plans between offices went from an overnight wait to a few seconds. It feels like all three sites are in the same building."

- Operations manager, home builder