



Straight Forward Technology

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📍 2/15 Suffolk St Capel Sound 3940

🏢 Straight Forward Group Pty Ltd: ABN 78643385184.

Client

Not set

Location

Not specified

Quote

Job Number

JN 0000

Expiry: Expiry date not supplied
PDF created: 01/05/2026 6:12 AM

EXPIRED

OPTIONAL EXTRAS

ITEM	PRICE	STATUS
Free-to-Air TV Antenna System	\$440	Selected
Shed Roller Door Sensors (6 Doors)	\$900	Not selected
Shed Door Triggers (6 Doors)	\$990	Selected

SUBSCRIPTIONS

SUBSCRIPTION	INVESTMENT	STATUS
4G Alarm Backup (Telstra SIM)	\$110/year	Selected
Back-to-Base Monitoring	from \$11/week	Selected

LABOUR

\$2,640

MATERIALS

\$3,250

OPTIONAL EXTRAS

\$1,430

TOTAL

\$7,320

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ADDITIONAL INFORMATION

CUSTOMER DETAILS

Job Number: JN 3660 **Customer:** Debbie Thorpe **Location:** 49 Serina Rd Fingal

SUMMARY

This project involves establishing **network connectivity** between the main house (currently undergoing renovation) and the shed. The installation includes a **structured cabling system** with Cat6 cables, network equipment configuration including switches and access points, and **reliable internet access** throughout both buildings.

The installation includes running **underground conduit** between the buildings to protect the cabling from environmental damage. All network equipment includes **professional mounting and configuration** for optimal performance.

A **comprehensive security system** includes wireless motion sensors, roller door sensors for all 6 doors, and smartphone-based monitoring and control. The system is designed to be **expandable** for future integration when the cottage is renovated into the main house.

Upon completion, the property has **seamless connectivity** across the entire area with the ability to stream, work, and browse from anywhere, plus peace of mind with professional security monitoring.

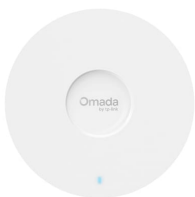
NETWORK INFRASTRUCTURE

NBN Connection to Shed

2x Cat6 cable runs approximately 80m from NBN lead-in. Route through main house roof, down pole, through existing 32mm orange conduit to shed. One line for network, one for future expansion/redundancy.

WiFi Access Points

High-performance wireless access point for main shed area with large coverage pattern spanning 3-4 roller door widths. Coverage extends to outdoor areas around shed for complete property-wide WiFi.





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Dedicated wall-mounted wireless access point for games room with 3 ethernet outputs for direct wired connection to TV, AV equipment, or games consoles (Xbox, PlayStation, etc).



Network Distribution

- **In-wall network point** near TV in games room for fast wired connection
- **Network switch** in shed for local device connectivity
- **Professional cable termination** and connection points
- **Structured cabling** with proper cable management

Configuration & Testing

- **Complete network setup** and configuration
- **WiFi coverage testing** throughout shed and surrounds
- **Handover and user guidance**

ALARM SYSTEM

Dahua AirShield Wireless System

Professional wireless alarm system powered by cloud-based DoLynk platform. Industry-leading RF technology eliminates complex wiring while providing reliable security monitoring and control.

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- **Expandable system** designed for future main house integration
- **Minimal cable runs** using wireless sensors where practical
- **Professional alarm panel** installation in shed

Motion Detection Coverage

- **3-4 PIR motion sensors** covering main shed areas
- **Wireless installation** reduces visible cabling

Roller Door Monitoring

- **6x wireless door sensors** installed under each roller door
- **Real-time status monitoring** from anywhere via smartphone app
- **Instant notifications** when doors open or close
- **Visual status indicators** showing which doors are open/closed

Smart Monitoring & Control

- **Smartphone app** for remote monitoring and control
- **Real-time notifications** and status updates
- **Professional configuration** and setup

CCTV SYSTEM

CCTV system integration TBA – waiting to confirm what CCTV system was already purchased to assess compatibility and determine whether to proceed with hardwired camera installation option.

MATERIALS

Networking Equipment

- [TP-Link Omada EAP610 WiFi 6 Access Point](#) (Main Shed ceiling mount)
- [TP-Link Omada EAP615-Wall WiFi 6 Access Point](#) (Games Room)
- Network Switch (shed location)
- In-wall network outlet (games room TV location)

Cabling & Infrastructure

- 2x Cat6 Cable (80m+ runs to shed)
- Cable termination and connectors (RJ45, patch panels)
- Mounting hardware and cable management materials

Alarm System Components



- [Dahua AirShield Wireless Alarm System](#) (expandable for future zones)
- 3-4 wireless PIR motion sensors
- 6x wireless roller door sensors
- Alarm signalling and power equipment
- Professional grade sensors and installation materials

ASSUMPTIONS

- Existing 32mm orange conduit from house to shed is clear and usable
- Shed has 6 roller doors for door sensor pricing calculation

BEFORE WE START

- Gate intercom/control options to be assessed on-site (checking available conduit vs WiFi bridge solution)

QUESTIONS FOR YOU

What CCTV system did you purchase? (This helps us determine compatibility and whether to proceed with hardwired camera installation option)

Answer

? Save Answer

?? Delete Answer

OPTIONAL EXTRAS — DETAILS

ITEM	PRICE	STATUS
Free-to-Air TV Antenna System UHF antenna mounted on shed roof. Coax cable run through existing conduit from shed to house. Services shed TV immediately and future main house (eliminates need for roof antenna when cottage renovated). Existing house antenna left in place for now. All cabling and connection points included.	\$440	Selected
Shed Roller Door Sensors (6 Doors) Install Dahua AirShield Wireless Door Detector Plus on 6 shed roller doors. \$150 per door fully installed. Know via smartphone app if doors are open or closed. Real-time status monitoring for all shed access points.	\$900	Not selected



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ITEM	PRICE	STATUS
Shed Door Triggers (6 Doors) Install Dahua AirShield Wireless Relay Module to operate shed doors remotely via smartphone app. Integration with alarm system. Convenient control from anywhere.	\$990	Selected

SUBSCRIPTIONS — DETAILS

SUBSCRIPTION	INVESTMENT	STATUS
4G Alarm Backup (Telstra SIM) Highly recommended. 4G cellular backup ensures your alarm system remains operational even if internet or network equipment fails. Uses Telstra SIM for reliable connectivity independent of your home network.	\$110/year	Selected
Back-to-Base Monitoring Professional monitoring via local monitoring company. 24/7 alarm response service. Billed monthly. We can provide recommendations and arrange connection.	from \$11/week	Selected

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IMAGE GALLERY



TP-Link Omada EAP610 WiFi 6 Access Point



TP-Link EAP615-Wall WiFi 6 Access Point



TP-Link EAP615-Wall Installation



Dahua AirShield Wireless Alarm System