

COMPANY OVERVIEW

CoverTel Telecommunications Group is an Australian-owned company specialising in high-quality telecommunications solutions, reliable support, and tailored services. We primarily serve Carriers, OEMs, Corporate, Utilities, Mining, Government, and Defence sectors.

Our deep industry expertise and strategic approach enable us to empower clients to build, optimise, and secure resilient networks that keep pace with evolving technologies. By combining advanced infrastructure products, innovative automation tools, renewable energy solutions, and flexible support services, we help minimise downtime and enhance compliance. This approach maximises operational efficiency, ensuring our customers achieve peak network performance and future-proof their communications environments.

OUR SUCCESS INCLUDES

- **Hutchison Telecom audit, installation and commissioning of network upgrades**
- **Product supply to Telstra for technologies including Copper, Fibre and HFC**
- **Provide NBN, Optus and Foxtel telecommunications test equipment solutions**
- **Fibre monitoring for Queensland Rail**
- **Supply of NATO-certified products within Australian Defence Force**
- **Telecommunications Training for Powercor, Origin Energy and Ausnet**
- **Supply of rental telecommunications test equipment to Ericsson, Nokia, Huawei**
- **Vodafone Synchronization audit and tuning across the entire 4G network**

All products and services are supported by compliance with Australian Standards for Quality Management, Occupational Health & Safety Standards and Environmental Management Standards.

WHAT WE DO

Telecommunications Infrastructure Product Solutions

- System design, installation, project management and support service contracts
- Migration to the latest technology across copper, fibre, and wireless/RF
- Supply of network equipment including network emulators, network clocks, media converters, switches, PoE, legacy PDH/SDH and IP equipment, VoIP, NTUs, LTE/5G, and ancillary hardware
- Network health audits, compliance assessments, and optimisation consulting
- Asset management software solutions to track and maintain deployed equipment.

Telecommunications Test Equipment Product Solutions

- Sales and rental of telecommunications test equipment
- Training for effective use of diagnostic and network testing tools
- Calibration, installation, and technical support for test equipment

RF Spectrum and Wireless Infrastructure Services

- RF surveys, baseline spectrum analysis, and ongoing monitoring
- Detection and analysis of interference, jamming, and unauthorised signals
- Equipment supply, installation, and configuration for spectrum management
- Expertise in spectrum regulations, licensing, and compliance

Network Monitoring and Precision Timing

- Orchestration tools and integrated workflow platforms to streamline network testing, validation and provide real-time results, alerting and diagnostics in both live and lab environments
- Continuous network performance monitoring including fibre monitoring, stress and strain detection and security
- GNSS signal health checks, holdover capabilities, spoofing and jamming protection
- Position, Navigation and Timing (PNT) integrity consulting and audit services for timing synchronisation and compliance
- Provide solution to automate cable management with Radio-Frequency Identification (RFID)

WiFi and Mobile Signal Strength Solutions

- Enhancements for mobile phone reception in poor coverage areas
- WiFi signal boosters for faster and more reliable internet in homes, buildings and critical infrastructure

Training Services

- Specialist training courses and workshops covering test equipment, fibre optic certifications, RF spectrum management, PNT/GNSS, and network infrastructure
- Customised knowledge transfer to build in-house competency

Enhanced Cybersecurity Offerings

- Application security testing to identify and mitigate vulnerabilities
- Network security tools to emulate attacks and guide remediation
- Security awareness training including simulated phishing exercises
- Cybersecurity consulting and risk assessments to enhance resilience

Renewable Energy and Backup Power Solutions

- Delivers renewable energy and hydrogen-based backup power solutions for off-grid and remote applications
- Specialises in hydrogen fuel cells, storage, and electrolyzers that enable clean, scalable, and efficient power
- Replaces traditional diesel generators with zero-emission alternatives like the portable H2PowerBox
- Supports the transition to sustainable energy with safe, low-maintenance, and long-lasting technology
- Offers solar-integrated building materials that transform walls and roofs into clean energy sources for more efficient, self-powered buildings