



# AUSTRALIAN MADE QUALITY RF SOLUTIONS FOR EXTREME CONDITIONS

## Capabilities

- ZCG has a proven record of providing high quality, competitively priced Antennas and RF accessories for all industries and applications, on time and on budget.
- ZCG has a general engineering workshop, C.A.D. design, development facility and manufacturing plant on one site providing the capability necessary to offer one off custom design antennas to high volume production runs.
- ZCG is committed to Australian manufacturing and where possible our antenna sub components are produced in-house, ensuring ZCG has ultimate control of custom builds, quality assurance and lead times.
- ZCG's sales office and manufacturing facility is based in regional Victoria enabling ZCG to offer a high level of customer service and product support internationally & Australia wide.
- ZCG have an outstanding international shipping record with companies within Hong Kong, Chile, Papua New Guinea, South Africa, Canada, USA, UK, UAE & Antarctica just to name a few.

## Products / Services

**Analogue/Digital Radio, Digital TV Broadcast** - Antennas, filters and multicoupling, coaxial cable, power dividers, lightning/ surge protection, bird protection, connectors, brackets & mounts

**Mining** - Filters and multicoupling, custom antennas, coaxial cable, leaky feeder cable, coaxial phasing harnesses, surge protection & connectors

**Government/Defence** - Filters and multicoupling, coaxial cable, Air band antennas, Custom antennas, HF antennas, custom cable assemblies, VHF/UHF rubber whips & ruggedised vehicle mount antennas.

**Marine Oil, Gas** - Extreme weather resistant antennas, mobile phone/ wireless data antennas, VHF antennas, coaxial cable, connectors, connector corrosion protection, lightning protection & multi-mount configured antennas.

**Telecommunications** - M.I.M.O. antennas and panels, mobile phone/ wireless data antennas, fixed position antennas, coaxial cable, custom cable assemblies & connectors

**Fleet Management** - Vehicle mount UHF/ Cellular/ Data/ GPS antennas, On-glass & non-obtrusive antennas

**Radio Frequency Management Systems** - Coverage planning and modelling, field strength measurement, RF system consultancy and RF safety & risk management.

## Memberships

- Member of Australian Radio Communications Industry Association (A.R.C.I.A.)
- Member of Industry Capability Network (I.C.N.)
- Member of Australian Industry Group (A.I.G.)
- Member of Australian Industry and Defence Network (A.I.D.N.)
- ISO accredited: ISO14001; AS/NZS 4801 and ISO9001

## Contact Information

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## Key Customers / Projects

- **D.S.T.O** - On-going research and development partnership
- **L3 Harris/L3 Microe, Department of Defence** - Project REDWING/Silvershield/Greygum
- **Capital Radio Network** - NSW & ACT FM Radio / DAB Radio upgrade
- **Bureau of Meteorology (BoM)** - VHF/ISM monitoring/testing and communications
- **BAE Systems** - Air-to-ground asset communications antennas and custom cabling
- **MT Data** - Public Transport / Freight logistic fleet tracking
- **Yarra Trams/Keilor Downs** - Dual fixed position communication antennas and antenna housing for public transport upgrade
- **Powercor** - High directional grid-packs 400MHz & 1.5GHz
- **Agrinet/Zentifi** - 2.4GHz WiFi tracking and remote system control
- **Remote Control Technologies** - Underground mining remote control and communication
- **Rocketlab, New Zealand** - Highly directional CP antenna for return-to-earth space asset tracking
- **Beam Communications** - Combined GPS and Satellite communications vehicle based solution





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## IN-HOUSE CAPABILITIES & STRENGTHS

- Design, prototype, develop and manufacture □ no third-party assistance
- Multi-department manufacturing □ R&D, Engineering & Production
- Research & Development □ Prototyping, Alteration & Testing
- Low interference test facility and Anechoic Chamber
- RF Engineers □ 30+ Years RF Experience
- ISO accredited, quality assurance □ 9001 / 14001 / 4801

