

# Capability Statement

08 Jul 2020

# ROJONE PTY LIMITED



## INDUSTRIES SERVED

AUTOMOTIVE

DEFENCE

IT &  
COMMUNICATIONS

MANUFACTURING

MINING

OIL, GAS & ENERGY

RAIL

TRANSPORT

## Company Details

**Address:** 44 Aero Road  
INGLEBURN NSW, 2565 Australia

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**Ph:** +61 2 9829 1555

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**Fax:** +61 2 9605 8812

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**Email:** sales@rojone.com.au

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**Web:** www.rojone.com.au

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**ICN Gateway Company ID:** 82341

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**Employees:** 65

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**ABN:** 69 002 691 241

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**Locations:** 2

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**Local Manufacturer:** Yes

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**Importer:** Yes

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**Exporter:** Yes

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## Contacts

### **Mrs Mariam Louka**

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### **Mr David Hume**

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"Rojone is a progressive and modern Australian company specialising in the design, supply and manufacture of Cable Assemblies (Coaxial, Multi-Core, Fibre Optic), GPS Repeaters, Military Grade High Noise Headsets, Mining Communication Systems, Antennas, High Noise Headsets, RF over Fibre and the supply of RF and Fibre Optic components."

"From DC to Light your best connection!"

## Summary

Established in 1981 by a dynamic and committed mother and daughter team Rojone has grown to be a trusted leader in interconnect solutions for the Defence, Telecommunication, Mining, Transportation and Scientific industry in both Australia and overseas.

It has a team of over 65 dedicated professionals with many years of RF, GPS, Antenna design and production experience, allowing it to now service over 2,000 domestic & international customers.

Rojone is a leading designer and manufacturer of

interconnect solutions and box build electrical enclosures for the Australian and International market. The company is located in Ingleburn, New South Wales, with a modern facility of over 2,500 square metres.

Additionally, Rojone has formed strong international partnerships with a range of leading global manufacturers, ensuring they can provide quality, cost-effective solutions.

Rojone can supply single set proto-type units through to multiyear scheduled production deliveries.

## Description

As an Australian manufacturing business, Rojone prides itself, on its ability to team with our customers to provide quality, reliable, affordable and dependable interconnect solutions that meet or exceed our customers' stringent standards of high performance, and reliability. Working with our customers, our professional team of Engineers and Technical Specialists will design interconnect solutions that perform as required in Australia's Harsh, Land, Air and Maritime environment.

Our customers receive well-crafted custom cables assemblies and harnesses and exceptional service. We are proud to be a domestic manufacturer, contributing to the stamp of quality that inherently goes along with a 'Made in Australia'.

To ensure better management, and reduce the risk to our supply chain and provide better value to our customers, Rojone has established strong

partnerships with leaders in the communication industries. Our teaming philosophy allows us to reach back into the R&D, and Engineering teams of our International partners to ensure that we offer our customers world-leading proven solutions.

Privately owned by one of the original founding Female owners, Rojone remains committed to establishing core indigenous Australian industrial capabilities. In 2020 the company invested, with the assistance of a Centre for Defence Industry Capability grant over \$300,000 in developing an inhouse military-grade fibre optic termination capability. The company continues to add and upgrade its production and test equipment to ensure that our production costs are kept as low and as competitive as possible to ensure we offer Honest value to our customers.

Core Competencies:

- . ISO9001:2015
- . RF Engineers (In-house)
- . IPC620 In-house Trainer
- . IPC/WHMA-A-620A Certified Technicians
- . RF Manufacturer (Low PIM)
- . ITAR Experienced
- . First Article Inspection Reports
- . Induction Soldering
- . CNC Bending (Semi-Rigid Cables)
- . 3D Printing (Prototyping, Backshells)

Specialised Cable Assemblies:

- . Custom RF/Coax cable assemblies
- . Semi-Rigid Cable assemblies (CNC Shaped)
- . Phased Matched Coaxial Cables
- . Custom Ribbon, Ethernet, HDMI, DVI and USB
- . HV/LV power cable assemblies
- . LV Power and Signal cable assemblies
- . Braided and OAWG Ground/Earth straps
- . Straight and Branched Complex custom cable assemblies
- . Overmolded cable assemblies
- . Ground Straps
- . Conduit assembly (EMI/RFI, Flexible Metal-Core)
- . Retractable (Curly) Cable

Antennas:

- . Inbuilding (DAS)
- . GPS
- . MIMO
- . HF ~ VHF ~ UHF
- . YAGI

- . WiFi

GPS Repeaters:

- . L1 Commercial
- . L1/L2 Military
- . Deployable GPS Repeaters
- . L1/L2 Military (Maritime Hangars/Below Deck)
- . GPS over Fibre

Testing:

- . RF up to 50GHz
- . Ethernet
- . High-Pot
- . Cable Eye
- . Pull Test
- . PIM (728-746MHz & 925-960MHz)
- . First Article Inspection Reports (AS9102B)

Headsets:

- . Military
- . Aviation
- . Industrial

RF over Fibre:

- . Antenna Extenders
- . GPS Over Fibre
- . Satcom
- . HF | UHF | VHF | WiFi
- . Cellular
- . L/S Band
- . Iridium

Key International Partners

- . Times Microwave
- . Radiall
- . Pasternack
- . Van Systems
- . Shireen
- . L-Com
- . COJOT
- . Coopers Antenna
- . Optical Zonu
- . Insultated Wire Inc
- . Amphenol Nexus Technologies
- . Mobile Mark

Rojone's recent initiatives:

- . RADHAZ Isolation Switch (2017 Pacific Innovation Award Nominee)

Chargers

- . Deployable GPS Repeaters
- . 3D printing of Backshell connectors

- . Underground mining radio system for constant miner communication
- . Cable harnesses for Autonomous Trains

## Associations

- > Australian Radio Communications Industry Association (ARCIA)
- > Advanced Manufacturing Growth Centre
- > Australian Industry & Defence Network (AIDN)
- > Institute of Printed Circuits (IPC)
- > Wiring Harness Manufacturers Association (WHMA)

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## Products & Services

- > Design Assistance: Parts selection, electrical, mechanical, process and installation, 2D & 3D CAD, prototyping, including 3D printing, design for manufacture & systems engineering
- > Project and planning management, configuration management, global supply chain, risk management
- > Development and manufacturing of power and RF cable assemblies for aircraft and ground support equipment
- > Special process manufacturing – Phase match RF cables, CNC shaped semi-rigid cables, Temperature treated stabilised cable, and over moulding
- > Testing: High-frequency VSWR and Phase testing up to 50 GHz, fully automated test stations, insulation and high pot test stations. PIM Testing
- > International Partners: Times Microwave, Radiall, Pasternack,
- > Waveguide Solutions, Van Systems, Shireen, L-Com and COJOT

## Industries Served

- > Automotive
- > Defence
- > IT & Communications
- > Manufacturing
- > Mining
- > Oil, Gas & Energy
- > Rail
- > Transport

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## Facilities and Equipment

- > In-house R&D
- > Intermodulation/PIM Test Equipment
- > IPC trained technicians
- > In-house engineering and manufacturing for custom and/or small-run requirements
- > Thermal Chamber
- > CNC Bender (Semi-Rigid Cable)
- > Automated Fibre Polishing Machine
- > MPO Benchtop Microscope
- > Multi Channel IL/RL FO Tester
- > Induction Soldering
- > Spray Booth (Wet)
- > RF Testing 50Ghz
- > Automated Multi Core Cable Testing

## Major Clients

- > Ansaldo
- > Australian Submarine Corporation
- > BAE Systems
- > Bureau of Meteorology
- > CEA Technologies
- > Codan
- > Defence Science Technology Group
- > Ericson
- > Kordia
- > Department of Defence (CASG)
- > Raytheon
- > Rio Tinto
- > Rockwell Collins
- > Royal Australian Army
- > Royal Australian Navy
- > Royal Australian Airforce
- > SAAB
- > SEIMENS
- > Telstra
- > NEC
- > Thales Australia

## Accreditations

- > ISO 9001:2015 - through SAI Global
- > ITAR compliance
- > Defence CAGE Code: Z2D12
- > Department of Defence LoRS - Letter of Recognised Supply
- > Certification to IPC/WHMA-B-620

## Previous Significant Projects

2016

Supply of 12-24 V Power Distribution Units  
\$4,000,000

**Client: Australian Army**

Supply of 4,500 PDU's for the Australian Army, all delivered on time with zero returns.

2000

Jindalee Over the Horizon Radar Network -  
JORN  
\$500,000

**Client: FMS BEMA (AWA)**

Communications

2013

L1/L2 GPS Repeater Systems in Hangars  
\$500,000

**Client: RAAF**

Provide constant GPS signal to aircraft in hangars

2000

Collins Class Submarines  
\$500,000

**Client: DOD and Hedemora Diesel**

Connectors + engine control boxes

2000

Sydney 2000 Olympics  
\$1,000,000

**Client: Telstra/IBC**

Provide in-building telecommunications equipment including antennas, splitters and loads

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