

## Company Overview

**EM Solutions** is vertically integrated in the development, engineering, verification, manufacturing, support and sustainment of Naval Maritime Satellite communications (SATCOM) systems. The company is also a trusted technology developer of innovative microwave and Radio Frequency (RF) subsystems that are utilised in both inhouse and third-party systems that help to deliver high speed telecommunications anywhere in the world. Our most discerning customers typically serve the national interest and require resilient and assured systems operable in high threat environments.

In May 2023 EM Solutions signed a 7-year contract with the Australian Department of Defence to modernise Naval SATCOM with multi-band, multi-orbit capable systems across the fleet based on the Company's Cobra and King Cobra platforms.

## Satellite On-The-Move Communication Terminals

- Innovative Maritime and Land systems adopted by Defence and Government customers globally
- 1m Class Cobra X/Ka Band Naval Maritime SATCOM
- 2m Class King Cobra X/Ka-Band Naval Maritime SATCOM
- 48cm Taipan X/Ka-Band Land On-the-Move SATCOM

## Microwave Subsystem Parts and Components

- Family of X-Band and Ka-Band Solid State Amplifiers and Transceivers
- Tailored design and build to MilSpec customer requirements for Land, Maritime and Aero applications

## Build to Print

- Contract manufacture of microwave radio and radar designs

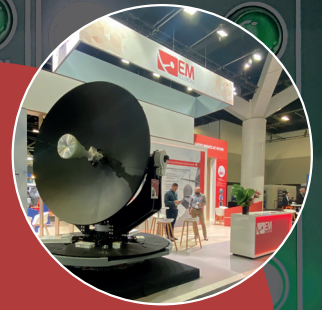
## Design and Engineering

- Develop, test and manufacture of RF and Mechatronic products and systems

## Integrated Logistics and Through Life Support

- Professional services including onsite training, maintenance and repair for deployed electronic systems and products (including our own)





## Discriminators

- Leaders in design, build and test of assured and resilient wireless communications products
- Extensive library of proprietary IP enables rapid customisation of RF products and vertically integrated platforms to customer specification
- Unique antenna, monopulse tracking and multi-band RF technologies
- Trusted microwave technology development, manufacturing and support/sustainment
- Capabilities covering all aspects of electronic hardware for defence customers

## Quality Accreditations and Awards

- ISO 9001:2015
- Australian Defence Industry Awards 2022 – Export Business of the Year
- Australian Space Awards 2021 – Manufacturing Business of the Year
- Australian Space Awards 2021 – Defence Business of the Year
- Essington Lewis Award 2018 - Department of Defence SME Team of the Year (with Royal Australian Navy and Australian Department of Defence: Capability Acquisition and Sustainment Group)
- Thales Australia Supplier of the Year 2018

## Availability and Support

- Ongoing supplier of maritime satellite system solutions to Royal Australian Navy and European Navies
- Technical, training and sustainment support in Australia, Middle East and Europe
- Initial market entry for maritime satellite systems in North America

## Key Partnerships

- University of Queensland (Australia)
- Australian SMARTSAT Cooperative Research Centre
- Defence Science and Technology Group (DSTG) (Australia)
- UR Group (European Business Partner)
- Sumisho Aero (Japan)

## Key Customers

- Australian Department of Defence
- Royal Australian Navy
- Jepico/NICT (Japan)
- Netherlands Ministry of Defence
- Saab/Norwegian Ministry of Defence
- Inmarsat/Australian Border Force
- Indra/Spanish Army
- Thales
- L3Harris
- Amplus/Indian Army
- Groundprobe

## EM Solutions Main Office

+61 7 3414 0700

+61 7 3414 0799

sales@emsolutions.com.au

www.emsolutions.com.au

55 Curzon Street  
Tennyson QLD 4105

PO Box 3164  
Yeronga QLD 4104



**Gary Shmith**

Global Director of Sales

+61 412 260 789

gary.shmith@emsolutions.com.au



**Todd Hershberger**

Business Development, North America

+1 828 3025549

todd.hershberger@emsolutions.com.au



**Jack van der Heijden**

Business Development, European Region

+31 6 22 20 75 76

jack.vanderheijden@emsolutions.com.au