



# Empowering effective C2 for defence

Embrace opportunities and confront challenges  
in the future operating environment.



**MOTOROLA SOLUTIONS**

# What Motorola Solutions brings to defence communications

By deploying dependable and secure tactical networks in austere environments, land forces can stay connected to enhance situational awareness and decision-making superiority.

## Enhancing military operations with proven communications solutions



The complex requirements of a contested environment demand an integrated ecosystem of voice, video and data hardware, software, security and analytics.



With connected communications, commanders can be more responsive than ever before to the changing battlespace.



Designed to meet the rigorous demands of military operations, Motorola Solutions' products and services are backed by our global experience and expertise.

## Sovereign capability

Motorola Solutions supports C2 outcomes through ongoing investment in the development of Australian defence industry – advancing skills along with R&D of fit-for-purpose technologies.

In 2022, we acquired Western Australia's Barrett Communications, a leading provider of highly efficient mission critical radio communications. Barrett Communications supports a variety of military operations and disaster response and recovery events and enables Motorola Solutions to deliver via a resilient sovereign supply chain.

Motorola Solutions is committed to providing the Australian Defence Force with the best possible communications and data networking solutions through our portfolio of secure-by-design mission-critical communications technologies.

# Support remote military deployments with secure, robust communications

To enable data-led decisions, while enhancing communications scalability and redundancy, Motorola Solutions supports secure, proven, high-capacity data networking for land forces.



## DISTRIBUTED ARCHITECTURE

- Reliable and secure communications solutions – scalable and more resilient to attack.
- Commitment to meeting the rigorous demands of military operations.



## INDUSTRY-FIRST

- First of its kind integrated mission-critical ecosystem.
- Combination of commercial and military off-the-shelf software.
- Capable of integrating with existing defence tactical networks.



## END-TO-END SOLUTION

- Features tactical LTE, HF, VHF and UHF communications equipment, along with sensors, deciders and effectors.
- Tactical data networks are designed to be highly resilient and scalable, so they can be deployed in a variety of environments.



## SUPPORTING YOUR MISSION

- Technology readiness level of 7-9.
- Committed to meeting the rigorous demands of military operations.
- Enhancing situational awareness, mission planning coordination and response time for land forces.

## Meet the future of battlefield command and control

So you can achieve your mission of protecting Australia's interests at home and abroad.



Motorola Solutions networks at deployed headquarters provide secure voice and data communications.



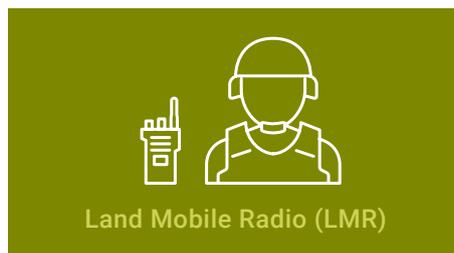
Capable of integrating backhaul communications to provide connectivity to higher formations.



High frequency (HF) radio propagation provides radio communications at deployed sites.



Provide alternatives when satellites are not available and integrate with existing backhaul systems.



Land Mobile Radio (LMR)

Motorola Solutions' suite of tactical HF, VHF and UHF radios for secure short-range communications.



LTE Wireless Network

4G LTE cellular communications provide land forces secure and reliable voice and data communications with LPI/LPD.

# Designed for defence

Achieve your mission with Motorola's Defence proven technologies for the complex Australian defence environment.

Make any environment safer with Motorola Solutions' communications technologies.

We can design, deliver and deploy highly secure, robust and reliable systems for the Australian Defence Force (ADF). Our fit-for-purpose capabilities are bolstered by Motorola Solutions' global leadership in mission-critical communications and analytics.

We have deep domain expertise in Defence-specific communications and our proven ecosystem unifies radio and broadband communications, intelligently captures and analyses video, and integrates software solutions end-to-end.

## Harnessing innovation

Motorola Solutions' more than 90 years of operational expertise is underpinned by our ongoing commitment to customer-centred research and development. We invested US\$779 million into research and development in 2022, designing the next generation of fit-for-purpose technology.

Technology platforms include the latest advancements in smart radios and virtual assistants, control room software, video security solutions and managed services. That's why defence agencies around the world trust us to protect their assets, every day.

Want to better understand Motorola Solutions' C2-enabling technology?

Visit [motorolasolutions.com/defence](https://motorolasolutions.com/defence)

## Your trusted technology partner

- ✓ Enlist us to help you achieve your objectives. We have a deep understanding of Defence and the need for secure, standards-based technologies.
- ✓ Optimise an integrated ecosystem of voice and data communications, software and video security, while satisfying the complex requirements of the nation's Defence Strategic Review and your operational, security and budgetary needs.
- ✓ Our solutions are compliant with global defence requirements and have been trusted by defence entities all over the world, including Australia, the U.S. and Germany.
- ✓ The ADF can rely on us to deliver land mobile radio (LMR) systems, tactical LTE and devices to meet its communications needs.
- ✓ Designed, developed and manufactured in the US, our diverse portfolio of communications, video and information management systems meet high-level certifications, including JITC, NIAP, CSfC, AES-256 and FIP.

