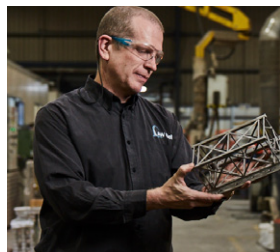
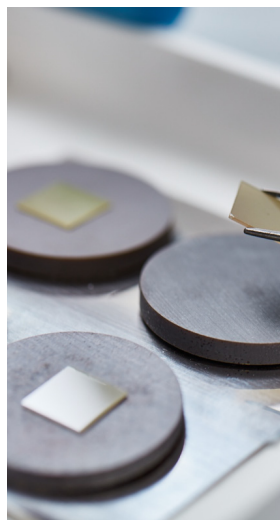




# COMPANY OVERVIEW





## CREATING INDUSTRIAL CAPABILITY

**350+** technologies transferred to industry



## INVESTING IN RESEARCH IMPACT

**16** Australian universities engaged

**50** PhD /Masters supported since 2008



## COMMITTED PARTNERS WITH DEEP EXPERTISE

**7** multidisciplinary program areas

**40** Approximately 40 multi-party collaborations under management at any one time



## CO-INVESTMENT IN INNOVATION

✓ Surpassed **\$200 million** in total activity since 2008

## ENGAGING ACROSS AUSTRALIA

**100+** prime and small businesses engaged



## EXEMPLAR EFFORTS

**3** national awards in 2019

**10** national innovation awards since 2008

## OUR VISION

To develop technology solutions and provide advice enabling industry to enhance Australian Defence and national security capability.

## OUR MISSION

To create and enhance Australian industrial capability and skills through designing and executing collaborative technology development and innovation activities in the defence, national security and related sectors.

## Our Services

DMTC is a national entity operating in the Australian defence industry sector since 2008. A not-for-profit company, DMTC has an extensive network of innovation and technology development partners in Australia and across the world. DMTC works across multiple disciplines to support the development of sovereign industrial capability for Australia's defence and national security agencies.

DMTC leads and manages collaborative efforts involving government, industry and research partners to enhance Australia's industrial capacity and capabilities. Our catchcry of *capability through collaboration* has been demonstrated by over a decade of successful project management. Our Intellectual Property (IP) model supports rapid utilisation and adoption of technology and is defined and controlled at the individual project level.

DMTC provides commercial rights to industry within defined use fields, and research rights to research participants.

The maturity of our operating model has been confirmed by ISO 9001 Quality Management and ISO 44001 Collaborative Business Management accreditations. These benchmarks are further indicators of our commitment to quality and collaboration and the value we provide to our partners.

DMTC's management team has deep experience across a range of disciplines, including expertise in manufacturing, materials engineering and medical countermeasures. The DMTC model is applicable and scalable across program disciplines giving DMTC the capability to respond effectively to a range of contemporary challenges.

### The DMTC model delivers significant benefits to Defence and government organisations, industry and research partners:

#### Defence & Government

DMTC provides an efficient and tested model to mobilise industrial capability to support national objectives.

#### Industry

DMTC provides a significantly more effective way to engage in research and development and enhance competitiveness.

#### Research

DMTC invests in targeted opportunities for researchers to conduct industrially-relevant research supporting defence and national security objectives.

Capability  
Through  
Collaboration

## Program Highlights

This table presents a snapshot of activity across DMTC's increasingly broad portfolio of programs and technology development projects.

### DMTC PROGRAMS

### HIGHLIGHTS

#### MARITIME

- Enhanced steel manufacturing
- High-performing Piezoelectric sonar materials
- Cryogenics for maritime domain applications

#### LAND

- Improving combat clothing survivability
- Informing better land combat vehicle design

#### AIR

- Optimisation and light weighting of additively-manufactured components

#### INDUSTRY CAPABILITY DEVELOPMENT

- Improving capacity and capability of Australian defence sector supply chains

#### ISR AND GEOSPATIAL SYSTEMS

- Precision casting of CubeSat chassis
- Ka-band and THz systems for high performance receivers

#### ENABLING TECHNOLOGIES

- Hybrid composites for defence applications
- Additive manufacturing for repair

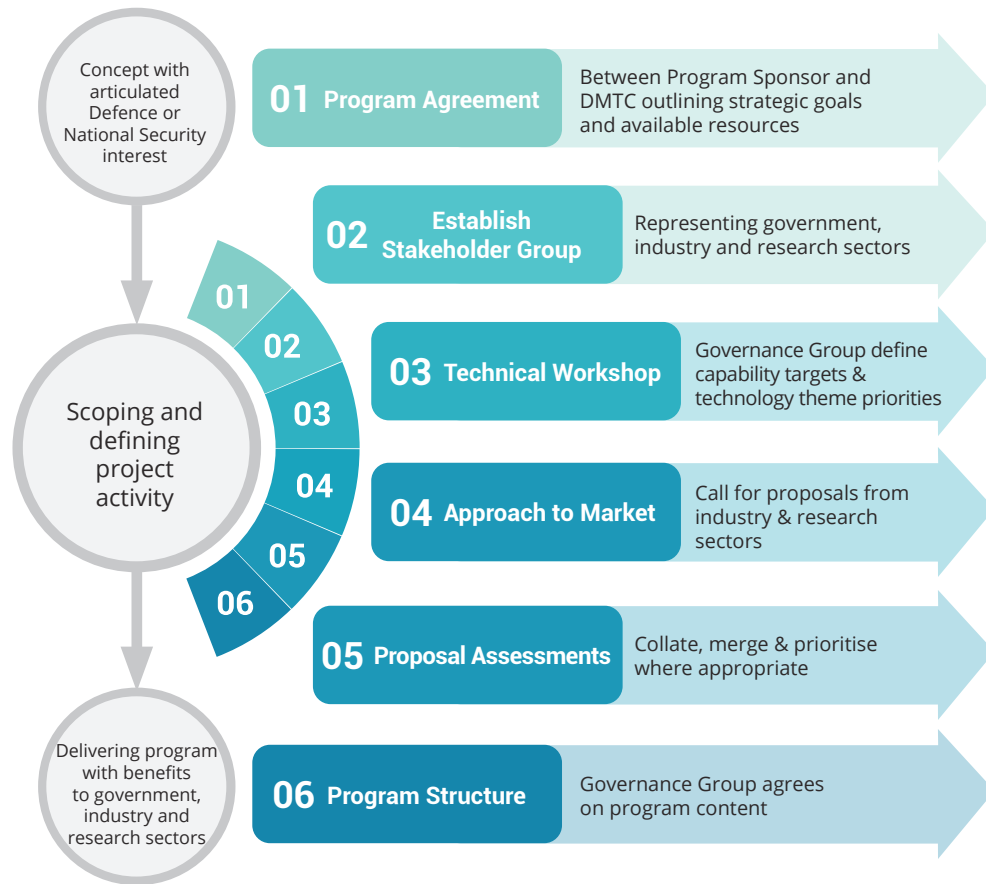
#### MEDICAL COUNTERMEASURES

- Manufacturing pathways for novel antibiotic compounds
- Developing new vaccines, diagnostics and therapeutics

#### CORPORATE/ PROGRAM MANAGEMENT

- Accredited to ISO 44001 Collaboration standard to support existing ISO 9001 accreditation

## DMTC in the Innovation System



## Forward Thinking





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#### **DMTC Annual Report 2019**

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