



THINK NOVATE



The thinker dreams of big ideas while the innovator creates great inventions. Now, imagine someone that does both – the Thinknovator.



At Defence Science and Technology Agency (DSTA), Thinknovators are the heart and mind in developing leading-edge technological solutions for the defence and security of our nation.

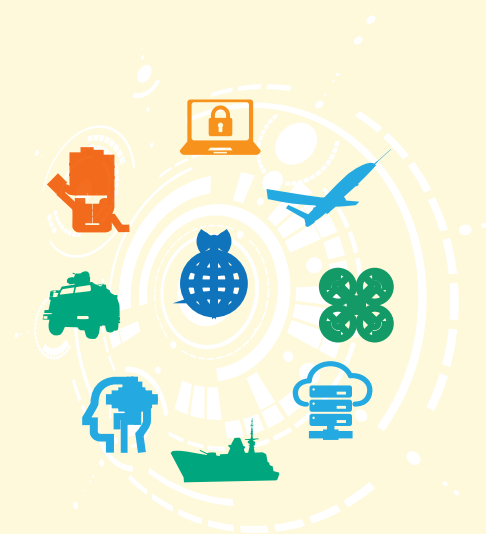
**OUR BEST DEFENCE
IS GREAT TALENT**

WHERE THINKNOVATION THRIVES

At DSTA, our Thinknovators have a shared purpose: to develop leading-edge technological and engineering solutions for the defence and security of our nation.

Our diverse portfolio includes Cybersecurity, Data Analytics, Artificial Intelligence, Robotics, Machine Learning, Weapon Systems, Radar, Space, Communications and Military Platforms. The multi-disciplinary nature of our work will give you many opportunities to innovate and push the boundaries of Science and Technology.

Join us and thinknovate in an environment that nurtures you to your fullest potential!



OUR THINKNOVATIONS

Learn more about our thinknovations in diverse defence capabilities.

Cyber Security Operations Centre 2.0

Developed by DSTA, the Cyber Security Operations Centre 2.0 has advanced content scanning engines, data analytics and security assessment tools that allow us to detect, investigate and recover rapidly from cyberattacks.

Peacekeeper Protected Response Vehicle (PRV)

DSTA developed the Peacekeeper PRV which has better protection, increased mobility and an enhanced weapon system. The vehicle will boost island defence operations and provide better means to keep Singapore's key installations and facilities safe and secure.

Business Information Analytics

To provide trusted data for analysis, DSTA developed a data lake to collate and manage data of different variety and volume across the organisation. We also harness the latest technology to transform these raw data into insights to support policy formulation and decision making in finance, logistics, manpower and other lines of business.

OUR THINKNOVATIONS

Learn more about our thinknovations in diverse defence capabilities.

Heron 1 Unmanned Aerial Vehicle (UAV)

DSTA delivered the Heron 1 UAV to the Republic of Singapore Air Force (RSAF), which features state-of-the-art avionics, detection capabilities and communications systems. DSTA broke new ground by developing the Ground Control Station software and the datalink system. Since the UAV became operational, it has significantly enhanced the intelligence, surveillance and reconnaissance capability of the RSAF.

Littoral Mission Vessel (LMV)

With its integrated sensors and weapons, as well as advanced command and control systems, the LMV was developed to be a more efficient and effective vessel that enhances the ability of our naval forces to detect and respond to current and future maritime threats. This is only made possible with the introduction of smart technologies, streamlined work processes, increased automation with sense-making, and sensor systems.

National Maritime Security System (NMSS)

The NMSS allows the Republic of Singapore Navy and maritime security agencies to quickly detect and respond to maritime threats. By integrating maritime information and databases from different agencies, it provides a complete profile of any ship entering Singapore waters. In recognition of our achievement, DSTA was awarded The Institution of Engineers, Singapore Prestigious Engineering Achievement Award (Technology Innovation).

OUR THINKNOVATORS

Grow in a collaborative and dynamic environment where innovation thrives.
Find out what inspires our DSTA Thinknovators.

“ There is a strong culture of learning and innovation in DSTA, with opportunities to upgrade our knowledge and skills to contribute to Singapore's defence. ”

Tan Boon Tiang
Development Manager
C4I Development

“ At DSTA, dealing with cutting-edge technology fosters an environment where I am constantly challenged to keep up and push the boundaries of what my teammates and I can do. ”

Lee Cheow Gim
Programme Manager
Advanced Systems

“ I consider my DSTA colleagues as my second family. I go jogging with my teammates after work, and we organise regular gatherings on weekends. These are relationships that I treasure. ”

Shirley Wong
Programme Manager
Enterprise IT

WHERE THINKNOVATORS GROW

Look forward to a nurturing environment with a well-structured programme designed for your professional and personal development.



Multiple Career Opportunities

Enrich your work experience with ample opportunities to build technical depth and breadth to pursue multiple career advancement pathways.



Competency Development

Being a high-performance organisation, DSTA provides holistic development by building your technical expertise and honing your business competencies.



Leadership Development

We help nurture the leader in you by equipping you with the necessary leadership skills required throughout your career.



Foundation Course and Milestone Programmes

Your learning journey with us begins with the Foundation Course to give you a better understanding of DSTA. You will attend Milestone Programmes to build your competencies in various technology areas, and prepare you to take on higher appointments.



Personalised Career Development Plan

Acknowledging that every individual has different career needs and goals, we have a Personalised Career Development Plan to guide you towards realising your career aspirations.

Air Systems

Acquire, integrate, upgrade and develop advanced air platforms and systems including fighter jets, mission aircraft, transports, helicopters and unmanned aerial vehicles for the Republic of Singapore Air Force.

Naval Systems

Acquire and integrate advanced surface and underwater naval systems such as frigates, missile corvettes, mine countermeasure vessels, patrol vessels, landing ship tanks, submarines and unmanned surface vessels for the Republic of Singapore Navy.

Land Systems

Acquire, develop and integrate advanced land platforms and systems including infantry fighting vehicles, tactical vehicles and bridging equipment, soldier systems, robotics, weapons, command and control systems, and sensors for the Singapore Army.

WHERE
YOU CAN
THINKNOVATE

Advanced Systems

Acquire, develop and integrate advanced communications systems, sensor solutions and guided weapons, such as radar, electro-optics, missile systems, software-defined radios, datalink systems and satellite communications.

Building and Infrastructure

Plan and design infrastructure for MINDEF and the SAF, as well as develop large-scale operational and administrative buildings, and conduct R&D in protective technology.

Systems Management

Manage and maintain support for a wide spectrum of systems to MINDEF and the SAF, and ensure the operational readiness of these systems in a cost-effective manner.

Procurement

Deliver procurement services to MINDEF, the SAF, DSTA and the public sector in Singapore to ensure cost-effectiveness, fairness and transparency, as well as maintain probity and public trust in procurement procedures.

Corporate Entities

Drive organisation initiatives that provide strategic vision, support and synergy to ensure our continued growth.

National Engineering

Acquire and integrate Command, Control and Communications and Modelling and Simulation systems for the SAF. Harness multi-disciplinary technologies to deliver system-of-systems capabilities.

C4I Development

Harness leading-edge technologies to develop Command and Control, Communications, Computer and Intelligence solutions, to achieve enhanced situational awareness and operational effectiveness.

Cybersecurity

Develop advanced cyber defence solutions to provide protection and detection, threat sensing and incident response, as well as trusted vetting and audit capabilities for MINDEF and the SAF.

WHERE
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Digital Hub

Discover emerging technology opportunities and spearhead digital transformation to develop new concepts of operation and capabilities in areas such as soldier systems, military training, system management, administrative excellence, Command and Control, cybersecurity and information. Deliver prototyping and experimentation programs for proof-of-concept in collaboration with MINDEF, the SAF and other technology partners, and drive deployment of these ideas into operational systems.

InfoComm Infrastructure

Develop and manage secure integrated information infrastructure and mobility solutions for MINDEF and the SAF.

Enterprise IT

Leverage IT in innovative ways to acquire, develop and integrate IT solutions across diverse domains, including human resource, supply chain, finance, procurement, learning, training and knowledge management, for MINDEF and the SAF.

With diverse opportunities at DSTA, Thinknovators can contribute meaningfully to our national defence and security in the arena that aligns to your passion. You can also look forward to working with leading local and overseas industry leaders.

BE OUR THINKNOVATOR

PROGRAMME CENTRES

	Air Systems	Naval Systems	Land Systems	Advanced Systems	Building and Infrastructure	Systems Management	Procurement
Aeronautical / Aerospace Engineering	■			■			
Architecture / Facilities Management / Quantity Surveying / Real Estate					■		
Architecture and Sustainable Design					■		
Arts / Business / Humanities / Social Sciences							■
Business Analytics / Data Analytics							
Biomedical Engineering / Chemical Engineering			■			■	
Civil / Structural Engineering					■		
Computer Science / Computing / Engineering / Information Systems			■				
Electrical and Electronic Engineering	■	■	■	■	■	■	■
Engineering Product Development	■	■	■	■	■	■	■
Engineering Systems and Design					■		■
Information Systems Technology and Design							
Marine and Offshore Engineering / Naval Architecture		■					
Mechanical Engineering	■	■	■	■	■	■	■
Science (Maths / Physics / Statistics)				■			

DISCIPLINES OF STUDY

BE OUR THINKNOVATOR

PROGRAMME CENTRES

	National Engineering	C4I Development	Cybersecurity	Digital Hub	InfoComm Infrastructure	Enterprise IT	Corporate Entities
Aeronautical / Aerospace Engineering							
Architecture / Facilities Management / Quantity Surveying / Real Estate							
Architecture and Sustainable Design							
Arts / Business / Humanities / Social Sciences							
Business Analytics / Data Analytics							
Biomedical Engineering / Chemical Engineering							
Civil / Structural Engineering							
Computer Science / Computing / Engineering / Information Systems							
Electrical and Electronic Engineering							
Engineering Product Development							
Engineering Systems and Design							
Information Systems Technology and Design							
Marine and Offshore Engineering / Naval Architecture							
Mechanical Engineering							
Science (Maths / Physics / Statistics)							

DISCIPLINES OF STUDY

LET'S THINKNOVATE THE FUTURE TOGETHER

At DSTA, there are exciting opportunities for you to grow professionally and personally. Immerse yourself in exciting projects knowing that your work truly matters and can make a difference.

If you are looking for a fulfilling and meaningful career, join us as a Thinknovator to make an impact on the defence and security of the nation.

Learn more about DSTA Careers at dsta.gov.sg