

IBM SPADE 2022

Delivering on the Vision for Multi-Domain Command and Control

Thursday, 23 June 2022 | Hotel Realm, Canberra



IBM is delighted to invite you to participate in Australia's SPADE Conference.

With a successful 18-year history of running in the US and Europe, SPADE 2022 - the leading, "by invitation only" meeting for senior Defence and Intelligence leadership - will visit Australia for the second time.

SPADE 2022 is where members of the Armed Forces, Intelligence Agencies, Industry, and Academia will convene, to examine today's defence technology and the current efforts toward developing and implementing agile, Multi-Domain Command and Control (MDC2) that is unified, interoperable, and secure from HQ to the Edge.

SPADE 2022 will feature presentations, panel discussions, a fireside chat, and expert exchanges with some of the most engaging, collaborative and change-focused speakers and leaders in Defence and Intelligence.

More than ever, Defence organisations must have a clear strategy and understanding of the role technology plays in delivering on the vision of a multi-domain command and control.

This is at the heart of SPADE 2022.

IBM, in partnership with Public Sector Network, is very excited to host Australia's SPADE 2022 event. We look forward to meeting you in person and to a productive exchange of ideas and insights.

Register



DR MARIA MILOSAVLJEVIC
Chief Data Integration Officer
Department of Defence



DR PAUL GAERTNER
STaR Shot leader for 'Agile
Command and Control'
Defence Science and
Technology (DST)



LEENDERT VAN BOCHOVEN
Global Director for National
Security
IBM



MIKE STONE
former Chief information Officer
UK Ministry of Defence
and Managing Partner –
Government
IBM



DANIEL MUNRO
Managing Director IBM
Technology – Defence
IBM



**MAJOR GENERAL MICK
RYAN AM (RETD)**

Agenda

8:30am **Check-in:** Hotel Realm

9:00am **Welcome and Opening Comments**
Speaker: Daniel Munro, Managing Director IBM Technology – Defence, **IBM**

9:10am **Bringing Order to Chaos: Insights into How Global Powers are Gaining Decision Superiority**

Across the defence and national security landscape, governments and partners are grappling with the speed of technological change and a deteriorating global strategic context. From capability development to planning to operations, leaders recognise that Western Allies no longer have a technological advantage over peer adversaries. To win the future battle, governments must focus on gaining situational advantage—making decisions better and faster than the enemy. This session provides a summary of the global landscape on how leaders national security and defence are creating these situational advantages:

- Leadership essentials: Relying on strong and gifted commanders, at all levels, to inform the development of the next generation of systems
- How to create smarter architecture for workload portability, orchestration, and management across multiple environments
- Creating agility and flexibility in your architecture to respond to a changing environment

Speaker: Mike Stone, former Chief information Officer, **UK Ministry of Defence**

9:30am **International Keynote: Turning Multi-Domain Command and Control (MDC2) Vision into Operational Goals and Strategic Advantages**

- A user’s perspective on MDC2 challenges
- Guide for success: How to enable seamless analysis and fusion of collaborative efforts that supports all domains and all levels of war
- Key learnings

Speaker: Major General Mick Ryan AM (Retd)

9:50am **Panel Discussion: Defence Perspectives on Data**

- The impact of the information domain in multi-domain operations
- 5 fundamental steps to drive strategic advantage through AI to the Edge

Facilitator: Daniel Munro, Managing Director IBM Technology – Defence, **IBM**

Panelists

Dr Maria Milosavljevic, Chief Data Integration Officer, **Department of Defence**

Dr Paul Gaertner, STaR Shot leader for ‘Agile Command and Control’, **Defence Science and Technology (DST)**

Joint Experimentation

10:25am **Networking Break**

10:55am Fireside Chat: Defence Simulation Analytics Service
Leendert Van Bochoven, Global Director for National Security, **IBM**

11:15am Security in a MDC2 world – What is the Difference now?

- Overview of how the cyber threat landscape has evolved
- The essential shift that must be made to protect IT systems from new threats and adversaries
- Prioritising the development of cyber security protocols to protect the accelerated availability of cutting-edge intelligence

Julian Meyrick, Managing Partner & Vice President, Security Strategy Risk & Compliance, Security Services, **IBM**

11:35am AI at Sea: The Mayflower Story
Natalie Gunn, Data and AI Specialist, **IBM Australia & New Zealand**

11:50am Panel Discussion: Connecting Infrastructure Across Domains and at the Edge- The Fundamental Building Block

This digital terrain and critical infrastructure features many components, including edge assets, public/private clouds, embedded weapons systems software, and a host of Internet of Things (IoT). That were all built separately, over a long period of time and for different purposes. This session will explore the challenges, and best practice strategies that support the integration and implementation for a unified, interoperable, and secure platform that drives accelerated collaborative opportunities and endeavours.

Dr Paul Gaertner, STaR Shot leader for 'Agile Command and Control', **Defence Science and Technology (DST)**

12:25pm Closing Remarks

12:30pm Networking Lunch