



## Virtual Defence Communication Systems

Building an integrated communication network architecture to optimise defence response

Online --- Wednesday, 26 May 2021 | 11:00am AEST

## **Agenda Overview**

## Robust communications systems underpin defence operations across land, sea and sky.

As well as improving mission effectiveness and incident response, defence communications systems provide reliable, timely and secure information flows, situational awareness and weapons system engagement. They provide critical support to deployed personnel in the army, navy, air force and beyond.

In an evolving operational environment, integrated communication network architecture is essential. However, with emerging technologies, changing priorities and capabilities, communications systems must be reassessed to provide unwavering support to defence operations.

Public Sector Network's **Defence Communication Systems virtual event will** assemble local and international defence information experts from across the defence force to showcase integrated networks and information system technologies. By sharing

## Who Attends?

## Chiefs/Directors/Heads/Managers of:

Enterprise | Information | CDomain Architect | Network Operations | Critical Systems | Critical Infrastructure

## **Speakers**



## John O'Callaghan

Defence Industry Advocate, **Defence Victoria** 

## **Andreas Hutzenlaub**



Service Line Chief (acting), Network and IT Infrastructure

**NATO Communications and Information** Agency (NCIA)

### **Shane Fairweather**



First Assistant Secretary of Helicopter Systems Division, Capability Acquisition and Sustainment Group (CASG).

Department of Defence

## **Aude Vignelles**

Chief Technology Officer, **Australian Space Agency** 

Mike Gallagher Director, Defence NSW,

Treasury NSW

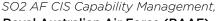


## Dr Svlvie Perreau

Research Leader Contested Communications. Defence Science and Technology Group (DST).

Department of Defence

## **Dr Keyurkumar Patel**



Royal Australian Air Force (RAAF)

# **CLICK HERE TO REGISTER**

## **Reasons to Attend**

Explore real world case studies from local and international defence experts, and gain implementable strategies to secure communication systems in your own agency



Establish connections to best build holistically integrated systems. equipping CIS operators with infrastructure to enable timely and effective defence response



Gain insights into the latest communication system technologies. trends and skills transforming defence response, and explore their potential application in various contexts













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## **Agenda**

11:00am	PSN Welcome	12:20pm	Gov
11:10am	Chair Opening  John O'Callaghan, Defence Industry Advocate, Defence Victoria		Emb •
11:20am	International Keynote  The Firefly Project: Using Deployable Communications and Informations System (DCIS) to connect static and deployed users in NATO-led operations  • Exploring how NCI Agency is helping to deliver eight DCIS Points of Presence (DPOP) to support the small and medium headquarters of the NATO Response Force (NRF)  • Supporting communications between deployed forces, NATO commands, applications and information services through a secure, modular, scalable, deployable and sustainable communications system		• Shar Acq
	Interoperating Firefly DPOPs with the current generation of th DCIS to provide     Fedrated Mission Networking (FMN) connectivity to Nations and partners, enabling	12:35pm	Refr
	effective communication on moperations, missions and exercises  Andreas Hutzenlaub, Service Line Chief (acting), Network and IT Infrastructure, NATO Communications and Information Agency (NCIA)	12:40pm	Pane Nex
11:35am	Partner Session		• L
11:50am	Government Keynote     Using space technologies to support defence communications across land, sea and sky     Establishing an advanced an innovative defence communications system for the ADF by using satellites to enable communications over long and remote distances and difficult terrain     Growing capabilities across the six focus segments of the Communications		Mike Dr S Tech Dr K
	Technologies and Services Roadmap 2021-2030, including Low Earth orbit (LEO) satellite services, optical ground stations, hybrid RF-optical and other emerging technologies	01:10pm	End
	Aude Vignelles, Chief Technology Officer, Australian Space Agency	Partners —	

12:20pm	<ul> <li>Government Keynote</li> <li>Embracing complex systems in defence communications</li> <li>Showcasing the ADF's Aviation Mission System (AMS) - a newly developed communications system that is interoperable with Defence's Joint Mission Planning System</li> <li>Exploring how the AMS has been used to overcome complex programmatic, commercial, technical, operational and behavioural challenges (specifically in in the Armed Reconnaissance Helicopter and Multi Role Helicopter) and harness cross-sector collaboration in systems design and development</li> <li>Shane Fairweather, First Assistant Secretary of Helicopter Systems Division, Capability Acquisition and Sustainment Group (CASG), Department of Defence</li> </ul>	
12:35pm	Refreshment Break	
12:40pm	<ul> <li>Panel Discussion</li> <li>Next generation communication system management: Skills, technologies and training</li> <li>Visualising the future of defence communications, including anticipated changes in enabling technology and back-end capabilities</li> <li>Leveraging cross-sector collaboration and new technologies to establish future networks that are automated, resilient and mobile</li> <li>Mike Gallagher, Director, Defence NSW, NSW Treasury</li> <li>Dr Sylvie Perreau, Research Leader Contested Communications, Defence Science and Technology Group (DST), Department of Defence</li> <li>Dr Keyurkumar Patel, SO2 AF CIS Capability Management, Royal Australian Air Force (RAAF)</li> </ul>	
01:10pm	End of event	



Sponsorship packages range from \$5,000-\$10,000 +GST. Contact sponsor@publicsectornetwork.co for more info.