

Government and Defence

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Panel on Information Service Provision Challenges in the Defence and Security Environment

Along with much of the rest of the world, the Defence and Security sectors of government have firmly embraced information technology and management as a way to do business more efficiently, to gain a business advantage, and in the case of defence to have a warfare edge. This session will examine the challenges faced in providing services supporting defence and security.

The main sub-theme will be Cyber Defence. With greater dependence on information technology, and in particular web-enabled systems and devices, governments and defence forces find themselves increasingly vulnerable to attacks from various quarters. In combat situations, cyber attacks have the potential to cripple both Command and Control Systems and Weapon Systems containing embedded information systems. In day-to-day operations, cyber attacks, both at the nuisance and more lethal levels must be dealt with rapidly and effectively to allow operations to continue with an acceptable degree of risk.

The second sub-theme will examine the provision of knowledge management services in a defence R&D organization ? an environment which requires the creation of structured support services for what is inherently unstructured work.

Presentations:**NATO Cyber Defence Policy and Cyber Security Roundtable Summary**

Guy Vezina, Director General, Defence R&D Canada ? Valcartier & Chair of NATO Research &

Technology Organization, Information Systems and Technology Panel

Malcolm Vant, Former Director General, Defence Research and Development Canada (DRDC) - Ottawa

Tools promoting collaborative cyber security innovation

Reginald Sawilla, Cyber Operations Section of Defence Research and Development Canada (DRDC)

Cyber Security Challenges and State of the Art

Ashutosh Dutta, CTO Wireless, NIKSUN

A Knowledge Services Architecture: Structured Support for Unstructured Work

Albert J. Simard, Knowledge Manager, Defence Research & Development Canada

Improving the Cyber Resiliency of Critical Infrastructure

Sébastien Labelle, Director of Engagement and Partnerships, National Cyber Security Directorate, Public Safety Canada

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