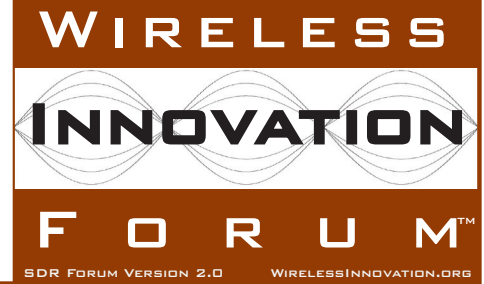


Wireless Innovation Forum Workshop
“Enabling Interoperability”
15 September 2011
Montreal, Canada



Communications interoperability is critical to the success of public safety and military operations. Too often however, communications between services, agencies, or jurisdictions have been hampered by incompatible radio systems operating on different protocols or frequencies. The problem is well known (fractured spectrum bands, incompatible radio services, governance and policies), but the solutions to solve it are still costly. Military organizations around the world are investigating approaches to standardize the development of their radios based on the US/JTRS developed Software Communications Architecture; Public Safety organisations are viewing the opening of the 700MHz band as a unique opportunity to rethink their network to ensure interoperability; The industry is proposing new technologies that promise to lower the acquisition and exploitation cost of an interoperable network.

The burning question now is how to funnel all that development energy to ensure a true interoperable system that can be acquired at reasonable cost. What are the main requirements and barriers for military and public safety organisations? What is the commercial sector working on, or should be working on, to solve the interoperability issues? How can, or should, governments, which regulate frequency allocations, adapt regulations to facilitate interoperability?

Those are a small sample of questions that the Wireless Innovation Forum workshop on “Enabling Interoperability” aims to address. The Workshop will bring together a broad base of actors, from the user community, equipment vendors and regulators, to discuss issues and approaches to facilitate the development of an infrastructure that can assure interoperability, at reasonable cost.

Who should attend:

This workshop is for those involved in the planning of network infrastructures who wish to benefit from the improved communications services and economy of scales brought in by interoperability. It is also targeting radio vendors, network operators and R&D facilities that design the next generation of communications systems. The workshop will be an opportunity for everyone to share needs, expectations and capabilities to ensure that communications interoperability is achieved.



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AGENDA

Introduction and Welcome,
Technical Director Wireless Innovation Forum

0830 - 0930 hrs: Public Safety Keynote Addresses

“Barriers to Interoperability for Public Safety,” presented by Serge Beaudoin, Director General Emergency Management Policy, Public Safety Canada
“Goals in Supporting Interoperability,” presented by US Public Safety representative

0930 - 1030 hrs: Morning Sessions –

- Public Safety View
 - Steve Palmer, Executive Director, Canadian Police Research Center
 - Luc Filion, Director, Royal Canadian Mounted Police
 - Terry LaValley, State of Vermont, representing the National Public Safety Telecommunications Council (NPSTC)

1030 - 1100 hrs: Break

1100 - 1145 hrs: Morning Sessions resume

- Regulatory
 - Cindy Cook, Director Mobile Services Engineering, Industry Canada
 - Jennifer Manner, Deputy Chief Public Safety and Homeland Security Bureau, US Federal Communications Commission (FCC)

1145 - 1300 hrs: Lunch

- Keynote Address: “Economics of Enabling Interoperability,” presented by Kevin Wennekes, Canadian Advanced Technology Alliance (CATA)

1300 - 1500 hrs: Afternoon Sessions

- 1300 - 1400 hrs: Military Keynote Addresses
 - “Canadian Military Interoperability,” presented by Col. Donald Rousseau, Director Land Communications Support, Canadian Department of National Defence
 - “US Military View on Interoperability,” presented by Mr. Michael Eixenberger, Deputy-Director, US Army LandWarNet/Battle Command
- 1400 - 1500 hrs: Military View
 - “Canadian Integrated Soldier System,” presented by Major Jonathan Herbert, Program Manager, ISSP, Canadian Dept. of National Defence
 - “US DoD Interoperability Project,” presented by Sergeant Major Charles Brainard, Program Manager, US Department of Defense

1500 - 1515 hrs: Break

1515 - 1645 hrs: Panel Discussion

- How Industry Proposes to Enable Interoperability
 - Denis Couillard representing Ultra Electronics
 - Isabel Gonzales representing Indra
 - Rick Taylor representing Harris
 - Bruce Oberlies representing Motorola
 - Bob Schutz representing Datron
 - Mark Briggs representing Spectrum Signal Processing
 - David Deacon representing Etherstack

1645 - 1715 hrs: Wrap-up session

- Key results
- Next steps
- Action items

ABOUT THE WIRELESS INNOVATION FORUM

The Wireless Innovation Forum (SDR Forum version 2.0) is an international industry association dedicated to supporting the development and deployment of software defined and cognitive radio systems. Our **global membership** is comprised of decision makers, planners, policy makers, technical leaders, suppliers, manufacturers and educators.

Become a member and gain insight to emerging technologies. Access key technical documents, industry reports and market surveys. **Network. Collaborate. Participate** in committees, workgroups and workshops to define market requirements, establish the regulatory landscape, and develop specifications for SDR technologies.

Want to know more, get involved? To participate in the Forum’s advocacy, opportunity development, commercialization and education activities in the defense, public safety, space, and commercial communications markets, contact the Forum’s CEO at Lee.Pucker@WirelessInnovation.org.

Want to become a member? Visit the Forum’s web site:

www.WirelessInnovation.org

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