

700 MHZ BROADBAND FOR MISSION CRITICAL PUBLIC SAFETY DATA: WHY SHOULD I CARE?

PRESENTATION AT THE FIFTH NATIONAL PUBLIC SAFETY INTEROPERABILITY WORKSHOP
DECEMBER 6, 2011



Presented by...

**Members of the Tri-Services Special Purpose Committee on
700 MHz Broadband for Mission Critical Public Safety Data
(struck Dec. 2010)**

Superintendent Bill Moore
Halifax Regional Police Service

Division Chief Mike Sullivan
Ottawa Fire Service

Superintendent Pascal Rodier
British Columbia Ambulance Service



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INTRODUCTION

Work done to date...

- Delivered the written response for the IC consultation -- broad-based public safety response
- Monitored and advised on the issue, inform stakeholders and identify responder spectrum needs and potential opportunities
- Engaged with industry, public safety providers and different levels of government to put forward a position that makes sense for Canadian public safety and Canadians in general
- Worked with CSS and PS to produce report entitled 700MHz Spectrum Requirements for Canadian Public Safety Interoperable Mobile Broadband Data Communications
- Conducted in partnership with CATA a report entitled Answering the Call: Survey report of Canadian Stakeholders
- Many presentations and awareness raising



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YEAR IN REVIEW

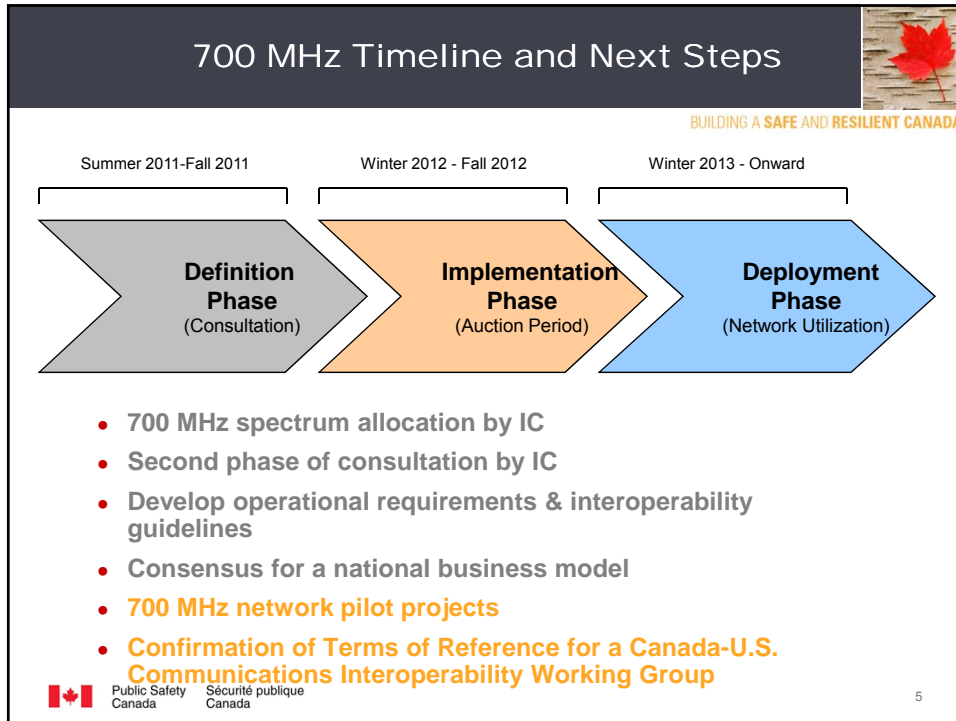
As of December 2011...

- Public Safety Canada is well on track to deliver proposed business model
- That proposed business model will be in line with what was described in the PS submission (i.e., shared governance with emphasis on ensuring responders have access to needed amount of spectrum)
- First responder representatives will have the opportunity to review and contribute to the proposed model in the near future
- Actively monitoring U.S. situation
- Additional communication will soon follow



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700 MHz BROADBAND



Governance Business Model

PUBLIC SAFETY CANADA

Two Business Models are explored...

National Model

National Authority

- Key policy decisions
- Business decisions
- Licensee of the Spectrum
- Operating procedures
- Interconnection with federal and US agencies
- Interconnection with commercial operators, Internet, other services

Regional Authority

- User management
- Joint network operations with the National Authority

Regional Model

National Authority

- Sets policies on governance
- Technology standards
- Define interoperability conditions
- Interconnection with federal and US agencies

Regional Authority

- User management
- Business decisions
- Interconnection with commercial operators, Internet, other services
- Operating license granted upon satisfying interoperability conditions

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Categories of Operational Requirements

1. Interoperability

- Interconnectivity,
- Priority and QoS *,
- Congestion management
- Applications
- Standards

2. Network Infrastructure

- Network resiliency and reliability
- Service coverage and availability
- Performance analysis and applications support
- Service restoration

3. Security

- Admission control
- Information and mission assurance
- Physical security
- Information privacy

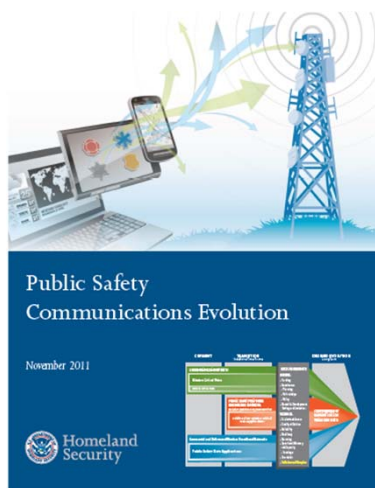
4. Network Management

- Network operations
- Performance management
- Service management
- Maintenance and sustainability
- Processes and procedures



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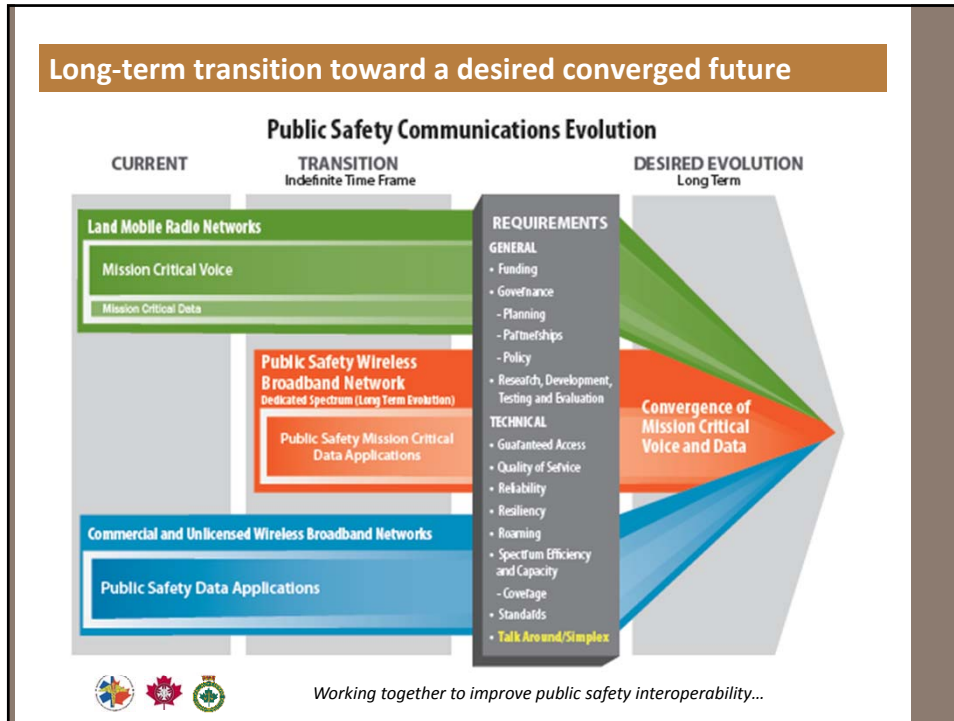
Resources



- Review this publication from DHS
- Some copies available here, but also available for download from www.citig.ca



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Bear pit...

- Why should I care?
- What does this mean for the future of my Land Mobile Radio system?
- What's in this for small to medium size communities?
- What do I need to do in order to prepare for this new capability?
- How am I going to pay for this "new" technology when I can't afford to upgrade my old equipment?

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HAVE YOUR SAY!

www.action700.ca

- Web site created by the Associations to provide a focal point for communications efforts:

www.action700.ca

(download basic information, including sample support letter, media release, presentations and sign up for e-mail updates)

- Inquiries — send e-mail to:

action700broadband@gmail.com



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CALL TO ACTION!

**MAXIMIZING TECHNOLOGY PARTNERSHIPS
IN CHALLENGING ECONOMIC TIMES**

CACP Informatics Workshop

February 22 - 24, 2012
Fairmont Royal York
Toronto, ON

Workshop Objectives

- Maximizing service delivery and cost effectiveness by leveraging emerging services, partnerships and emerging technologies
- Building successful IT Governance in the Public Safety environment by learning from successful practitioners
- Exploring options to build and maintain public safety partnerships
- Ensuring operational needs drive your technology decisions
- Examining factors common to successful partnerships (including Public Private Partnerships)
- Providing new insights into Business Analysis Process Public Safety Executive with a framework for making successful technology decisions
- Viewing 40 years into the future of public safety technology
- Understanding the opportunities and implications of 700 megahertz for your organization

Targeted Audience

- Police, Fire, EMS and Emergency Management personnel
- Information and Communications Technology professionals
- Information and Communications Technology providers
- Government Agencies
- Military & Coast Guard Personnel

Location of Workshop / Accommodations
The Fairmont Royal York
Toronto, ON

CACP Informatics Workshop Rate
\$175 plus taxes per night
Call 1-800-999-9999 or 1-800-445-1414

Room Block Held until January 21, 2012

Registration Fee

\$400.00 + GST
(includes all primary sessions, 2 breakfasts, 2 lunches and 2 refreshment breaks)

For more information regarding programming, registration or accommodations please visit the Canadian Information of Chief of Police website at www.cacp.ca.

For those without internet access please call (416) 595-1101 for further assistance.



Register at www.cacp.ca



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DON'T MISS OUT!

Discussion

Questions?

www.action700.ca

