Public Safety Priorities – 2014 (IMHO)

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Agenda

Theme – **SAFETY**, Economics & Innovation
- Collaborative Centre for Justice and Safety
- Setting the Stage
- National Priorities
- Regional Priorities
- New Models
- CATA activities
- Discussion
Collaborative Centre for Justice and Safety

- A multi-disciplinary approach towards more just institutions, safer communities & front line, inter-professional collaborative strategies
  - Between faculties
  - Between universities
  - With government
  - With associations & industry
  - With front line organizations
- Unique in Canada

Outputs / Fellows

Justice Studies
Psychology
Philosophy
Women’s / Gender Studies
Economics
Education
Computer Science
Engineering
Geography
Business
Public Policy
Kinesiology
Indigenous Peoples Health Research
Nursing
UofR Press
Collaborative Centre for Justice and Safety

Priorities Context – The Big 6

1. Demographics
   - Public Safety is big business

2. Infrastructure
   - Public / Community safety has many active stakeholders

3. Weather
   - Facing change (incremental, rapid, disruptive?)

4. International
   - Quantitative and Qualitative measures confirm Canada is doing well - Quality of Life, life expectancy, happiness....

5. Technology
   - However: BRIC and N11 are growing fast

6. Economics
National Priorities

**Land Mobile Voice Radio**
- Renewal well underway, substantially complete in some areas
- Major CAPEX $2B+
- Going well
- Interoperability gains (kudos)
- Incremental change

**Public Safety Broadband Network - 700MHz**
- Early stage – options analysis
- Trigger? - Federal announcement on 20 MHz
- Challenges
  - $ - user pay
  - Category of users (broader the better)
  - Disruptive change - transformation
  - Trust / courage / leadership (carrier collaboration)

National Priorities - 2

**ng911**
- NG911 – limited text to PSAP
  - Early days, will start in 2014
  - Expectation management
  - Will need to evolve rapidly
  - Disruptive change
- Mobile 911
  - More mobile than land line in Canada
  - Growing rapidly
  - Incremental or disruptive change?

**Public Alerting Systems**
- **National** alerting “Weather Channel”
  - Slow implementation
- **Regional**
  - MASAS- RFP to privatize coming
- **Local / Institutional**
  - Early phases
  - Multiple suppliers
  - Non standard
  - Non integrated
  - Public / private
  - Opportunities to be transformative but will be disruptive
National Priorities - 3

**Economics of Policing Community Safety (FPT)**
1. efficiencies within police services;
2. new models of community safety; and
3. efficiencies within the justice system.

**Mental Health**

**National Associations**
- CACP - Research Foundation
  - Technology
  - People
  - Operations
  - $
- Paramedics
  - People
  - Operations
  - Rigour
- Fire
  - Evidence based decision making

Regional Priorities -1

**Video**
CCTV, in-car, body worn, Automated License Plate Readers....
- Early adoption – growing
- Pressures for and against
- Privacy concerns
- Records Management Systems
- Storage retention
- Disclosure

**IT Renewal**
- Ageing databases, not linked
- Federal single IT centre
- Disruptive / transformative

**Wearables**
- Google Glass
- Monitors (quantitative selfers)
- Legislation
- Distraction
- Privacy
- Early adoption- growing
- Disruptive / transformative?
Regional Priorities - 2

**Education Simulation**
- Training
- Planning
- Exercises

**Distance Education**
- Growing (CPKN – collaborative model of success)
- Incremental – (validation)

**Responder Resilience / Safety PTSD**
- Not well understood
- Impacts beyond the individual
- Costly
- Best efforts – not good enough

**Workplace injury**
- New building construction
- Heavy lifts
- Repetitive strain in-vehicle data systems

Regional Priorities - 3

**Self Driving Vehicles**
- The vehicle is closer than they appear!
- Self-parking
- Situational awareness
- Black box – voluntary +
- Impact on DUI road kill?
- Disruptive - Transformational

**UAV**
- Limited operations
- Accident investigations
- Search and Rescue
- Challenges
  - Beyond line of sight, urban, weather
  - **PERCEPTION**
- Incremental change, maybe transformation (economy, green)
New Models for Interagency Collaboration

**HUB-COR**
- Multi-agency – problem solving early
- Community Mobilization Prince Albert
- Demonstrating success
- Expanding to 10 Saskatchewan cities and beyond
- Transformational / disruptive

**Government, Responder, Academic (Industry) Collaboration**
- Teaching hospital concept for Responders (Practitioner Researcher)
- Systems approach to problem solving (identify, options, pilot/research, evaluate, implement)
- Transformational

CATA - Public Safety Advisory Board

- Public Safety Broadband Network – identify and undertake activities for facilitate implementation
- Vendor Outreach Forum – bringing the responder and vendor communities together to share information, ideas and opportunities
- Outreach with issues of general interest
  - techNOW - 3-5 minute videos
  - Webinar – 30-60 minute information exchange
- Research & Publications
  - Tri-service Technology Gap Analysis
- Advocacy
Discussion

Events
• June 2014 – Conference Board of Canada, Emergency Management Council
• June 2015 – Canadian Criminal Justice Institute General Meeting

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