

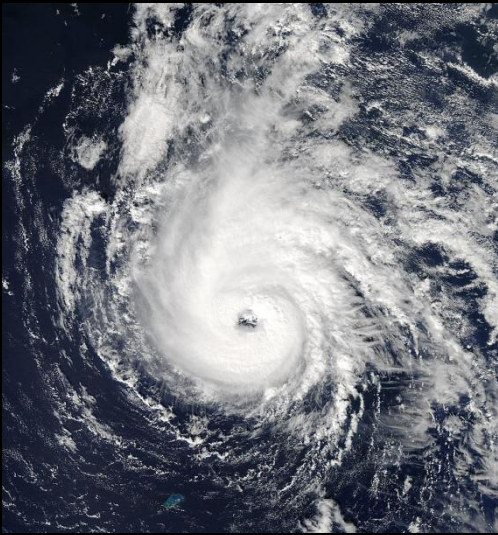
Wireless Security for Public Safety

Trends and Imperatives

Andrew Boswell, President
Nova Communications

9th Caribbean Ministerial Strategic Seminar





Hurricane Juan
Nova Scotia 2003

Hurricane Katrina
Louisiana 2005

Hurricane Tomas
Caribbean 2010

Mission-critical communications for every day and the worst day



Trends in Public Safety Wireless

Classic View

Voice-centric
Land Mobile Radio
Only
Voice
Handsets
Text-based
Applications
Discrete Command &
Control Applications
Limited Inter-agency
E2E Security Optional



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Going Forward

Voice & Data Centric
Digital LMR &
Broadband Networks
Converged LMR /
Smartphone Handsets
Multimedia
Applications
Integrated Command &
Control Applications
Full Inter-agency
E2E Security Essential

Source: Motorola Solutions



Next Generation Public Safety

Command center
dispatchers & first
responders connect to
video and rich multimedia
content wherever they are,
and however they need it,
in order to be more
effective in their mission



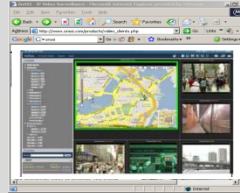
Next Generation Public Safety

Dispatchers



- Multimedia capable CAD
- Access to fixed and mobile video camera feeds
- New multimedia content from NG-911 callers
- Can transfer most relevant content to responders

Responders-Vehicular



- Mobile computers with in-vehicle cameras & video recorders
- Access to fixed cameras for live video surveillance
- Multimedia CAD and office apps with full web access
- Bandwidth for on-scene incident command posts

Responders-Handheld



- Portable access to all content and applications while out of vehicle
- VoIP telephony extending wide area from their agency PBx
- Advanced location services & content

Source: Motorola Solutions



Security Imperatives For Public Safety Wireless



Implement Current Security Technology



Focus on People



Control Your Own Systems



Actively Manage Networks and Devices



Adopt Multi-Agency Systems & Practices



Plan and Live E2E Security



Thank You

