

Public Carrier Evaluation Categories for Public Safety

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AGENDA

- Public Safety Network Comparison
- Dedicated Government Team
- IP Allocation and Security
- Pilot Experience
- Project Deployment
- Support

LMR and Cellular Wireless

- **Land Mobile Radio networks**
 - Voice, some narrowband data
 - Privately owned network
 - Local area network
 - Capacity sized to agency's desired usage models
 - Can be interoperable through third-party solutions
- **Best for...**
 - Intra-agency voice communications
 - Local-area communications
 - Voice links during emergency conditions where network load is high
- **Wireless carrier networks**
 - Voice and broadband data
 - Public carrier network
 - Worldwide roaming network
 - Capacity sized to standard public usage models
 - Interoperable through national/global PSTN connections
- **Best for...**
 - Fast data communications
 - Communications to non-interoperable agency networks or via PSTN to anywhere in the world

Dedicated Government Segment / Team

- Understanding of the unique needs of Government
 - Purchasing
 - Public Safety support
- Ability to discuss other customers in order to apply a solution to current agency needs
- Specialized relationships with Government oriented partners\
 - NetMotion Mobility XE
 - Radio IP

Coverage

- Coverage = Communication
- Coverage in the geographic area of patrol
 - Don't be surprised by coverage gaps – they exist
- Take advantage of wireless aware VPN's or autoreconnection architectures to create a seamless end user experience as officers roam in and out of coverage

Security and IP Allocation

- Multiple Routing Profiles
 - End user Application control
 - Command Staff
 - IT
 - Patrol Officer
- Flexibility in IP addressing for application needs
 - Public or RFC1918
 - Static or Dynamic
- Private Connectivity
 - Frame Relay
 - IP Sec Site to Site
 - MPLS Connectivity
 - Redundancy

Experience in Running Pilots

- Define the objectives of the pilot
- Defining the pilot group
- Identifying the criteria for success
 - Business Criteria
 - Keep officers in the field longer
 - Increase responsiveness to incidents
 - Technical Criteria
 - Coverage of public carrier
 - Support desk availability
 - Sustainability of the connectivity
- Feedback Loop
- Milestone meetings

Deployment

- Self Service Portals
 - Billing of service commences based on individual device deployments hence streamlining costs
 - Provides deployment control to the department
 - Eliminates lagtimes for waiting on equipment
- Resources for project planning / management

Support

- 24x7x365 enterprise support resources
 - Specialized configuration awareness
 - Tickets opened into RF or Wireline teams
 - Public Safety tickets opened as critical
- Enhanced complex troubleshooting process
 - Engagement of solution component vendors
 - Project managed resolution process



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Questions? / Comments