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Public Safety Apps: How the Future Will Become a Reality

Niki Papazoglakis
Assistant Outreach & Education Coordinator

Texas Public Safety Broadband Program
## Public Safety Apps Today

<table>
<thead>
<tr>
<th>Current Devices &amp; Apps</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Enterprise Applications</strong></td>
</tr>
<tr>
<td>Agency Issued Devices</td>
</tr>
<tr>
<td>Bring Your Own Device (BYOD)</td>
</tr>
<tr>
<td><strong>Individual Applications</strong></td>
</tr>
</tbody>
</table>

- **Agency Issued Devices**
  - Available on the **App Store**
- **Bring Your Own Device (BYOD)**
  - Get it on **Google play**
Types of Existing Applications

Situational Awareness

Information Resources

The Future of Public Safety Apps
Public Safety Practitioners

PS Applications Ecosystem

Apps

Devices

FirstNet

Identity & Access Mgmt

Network
How are applications transforming public safety operations?

Public Safety Apps: How the Future Will Become a Reality

Lt. Thomas Randall
Brazos County Sheriff’s Dept.
Brazos County

Patient Tracking During Mass Casualty Incidents

Chris Collier
Emergency Service and Response Coordinator
Southeast Texas Regional Advisory Council
EMS Access to Public Safety LTE

- Early access to critical information.
- EMS Transport Officers real-time view of Hospital bed status for transport decision.
- Triage, transporting, and tracking patients utilizing secure applications in the field early on in the incident.
- Providing early situational awareness.
Considerations:

- Secure access to system
- HIPPA - Health Insurance and Portability Accountability Act.
- Responder Credentialing
- Need to access
- Changing the “HISTORICAL” mind set of first responders.

Texas Emergency Management Conference
May 13-15, 2015
Public Safety Apps: How Will the Vision Become Reality?

May 14, 2015

Value to Public Safety

- Nationwide interoperable network
- Latest in 4G technology with built-in evolution
- Priority access to the network
- Pre-emption when needed
- 3GPP global standard for economies of scale
- Public safety applications ecosystem
- Device ecosystem
- NG911 integration
- Satellite coverage for resiliency and wilderness
- Fleet of deployables dedicated to public safety
- A network with enhanced cyber security
- Enhanced resiliency, redundancy and hardening to ensure availability
APPLICATION ECOSYSTEM: Provide an application ecosystem that supports the NPSBN with public safety relevant capabilities and services. The ecosystem shall include, as a minimum:

a. an evolving portfolio of mobile, enterprise, cloud services and applications
b. an applications development platform
c. a vibrant applications developer community
d. an applications store
e. local control of users, subscriptions, services, and applications
f. federation of identity management
g. data, application, and resource sharing across diverse public safety agencies
h. core service and application delivery platforms
i. data and applications security and privacy compliance across local, state, tribal, regional, and federal users.

Public Safety Apps: How the Future Will Become a Reality

Todd Early
Texas Single Point of Contact (SPOC)
Deputy Assistant Director
Law Enforcement Support Division
Texas Department of Public Safety

Texas Public Safety Broadband Program

TEMС Schedule

<table>
<thead>
<tr>
<th>DAY</th>
<th>TIME</th>
<th>WORKSHOP TITLE</th>
<th>ROOM</th>
</tr>
</thead>
<tbody>
<tr>
<td>WED</td>
<td>10:30-11:30</td>
<td>FirstNet &amp; Texas: Leading the Nation</td>
<td>202A</td>
</tr>
<tr>
<td>WED</td>
<td>13:00-14:00</td>
<td>Covering Rural Texas with PSLTE</td>
<td>008B</td>
</tr>
<tr>
<td>WED</td>
<td>14:30-15:30</td>
<td>FirstNet PS Broadband Data Collection</td>
<td>007C</td>
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<tr>
<td>WED</td>
<td>16:00-17:00</td>
<td>Public Safety LTE: A Reality in TX – BIG-Net</td>
<td>001B</td>
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<tr>
<td>THUR</td>
<td>10:30-11:30</td>
<td>PS LTE &amp; Public Safety Apps</td>
<td>202A</td>
</tr>
<tr>
<td>THUR</td>
<td>16:00-17:00</td>
<td>LTE 101 and Online Learning</td>
<td>007C</td>
</tr>
<tr>
<td>FRI</td>
<td>10:30-11:30</td>
<td>NG 9-1-1 &amp; Public Safety Broadband</td>
<td>103A</td>
</tr>
<tr>
<td>W/Th/F</td>
<td>08:30</td>
<td>TDEM Regional Meetings/Topics in EM</td>
<td></td>
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