State of Maryland experience planning and working with FirstNet to deploy the Nationwide Public Safety Broadband Network

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Smart phones are used everywhere today

WHERE  People use mobile phones everywhere.

- Doctor's Office: 53%
- Work: 72%
- Home: 93%
- Airport: 50%
- Library: 32%
- School: 29%
- Cafe or Coffee Shop: 54%
- Restaurant: 73%
- At a Gathering or Social Function: 66%
- On-the-Go*: 87%
- In a Store: 77%

WHEN  Consumers use smartphones while...

- Waiting (in line, for doc, bus): 59%
- Eating: 48%
- Shopping: 44%
- Traveling/commuting (to school, work): 43%
- Socializing/entertaining: 40%
Here’s an Example:

NFL 2011 vs NFL 2014

NFL Teams can afford dedicated, secure networks in their stadiums
Compared To:
Public Safety 1998 vs Public Safety 2014

Our new Statewide 700 MHz LMR system is very similar to the one we deployed in Baltimore in 1998

Land Mobile Radio still the basic tool
Why doesn’t Public Safety use Broadband???

• Commercial networks crash when too many users try to access the network
• Commercial networks fail in severe weather like Katrina and Sandy
• Smart phones won’t stand-up to first responder use (and abuse)
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