

# **USING DAS TO SOLVE PROBLEMS**

Presented by Seth Buechley, President SOLiD Technologies Seth.Buechley@solidtechusa.com FCC February 1, 2012 Radio frequencies don't penetrate large buildings.

# 1. A disconnection in a connected world

• At hospital, at work, in transit

# 2. A safety hazard for the public and First Responders

- During an emergency event
- At high-value targets

#### 3. Degraded service and lost revenue for cellular carriers

- Data is crushing carrier's outdoor networks
- 50% of new devices are smartphones
- Carriers can't charge for data they can't deliver

<u>Authorities Having Jurisdiction</u> (AHJs) adopting national codes requiring reliable public safety radio coverage inside buildings

<u>Wireless Service Providers</u> deploying DAS in hightraffic venues to better serve WSP customers

<u>Building Owners</u> requesting / requiring WSPs deploy DAS systems that also provide public safety radio service



Who's responsible to provide a DAS? Who should pay for it? Who should own it?

Who should manage it?

What services should the DAS provide?



### 1. Formation of a Shared DAS Coalition

- Wireless Carriers
- Public Safety Communication Community
- Wireless Infrastructure Trade Associations
- Building Owner Associations

## 2. Shift Unfunded Mandate to a When-funded Partnership

- New DAS investment must also support public safety
- 3. Develop A Recognized DAS Certification
  - Approved by Carriers and Public Safety
  - Recognized by Wireless Trade Associations