

SAFER BUILDINGS COALITION



**MAKING SAFER BUILDINGS
THROUGH WIRELESS TECHNOLOGY**

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*How to Meet
Mission Critical
Public Safety Communication
Requirements Indoors*



Objectives

Bring awareness to the need for Public Safety In-Building Communications Solutions

Familiarize stakeholders with the regulations that may impact the design, installation and maintenance of Public Safety In-Building Solutions

Determine your understanding of the codes/standards development processes



Question #1

How familiar are you with the ICC and/or NFPA codes and standards development processes?

- a) Not at all Familiar
- b) Somewhat Familiar
- c) Very Familiar



Can you hear me now when I need you the most?



Communications : the methods of sending information to people by using technology



The Need

- Cell phones heavily used indoors
- Cell phones helpful in emergency
- ~60,000 Public Safety Agencies





Assessing the Problem

- Can General Public communicate?
- Can General Public be notified?
- Will First Responder radios work?





What are the Rules of Engagement...





Question #2

Do you find that varying regulations across multiple jurisdictions makes it more difficult to install Public Safety in-building solutions?

- a) Yes
- b) No
- c) Not Sure



Codes, Standards and Regulations





Question #3

Have you experienced installations whereby the authority having jurisdiction was not familiar with the codes/standards related to Public Safety In-Building Solutions?

- a) Yes
- b) No



What's the Difference?

Codes: A set of laws or regulations available for adoption.

Standards: A level of quality, achievement that is considered acceptable or desirable.

Ordinances: A law set forth by a governmental authority.
(i.e. City Council, County Commission)



Federal Rules- FCC Part 90 Signal Boosters

Licensees and signal booster operators are required to register existing Class B signal booster installations with the FCC by November 1, 2014. After November 1, 2014, operation of an existing, unregistered Class B signal booster will be unauthorized and subject to enforcement action.

Any new Class B signal booster installed after November 1, 2014 must be registered prior to operation. To encourage compliance with this new requirement, registration will be free of cost to the operator and/or licensee.



Two Types of Codes

Prescriptive Codes:

A code that specifies construction requirements according to particular materials and construction methods, rather than to performance criteria.

Performance-Based Codes:

Performance-based codes and standards specifically state their safety goals and reference approved methods that can be used to demonstrate compliance with their requirements.



Important Dates

2018 Edition of the ICC Family of Codes

2015/2016/2017 Cycle

- Group A: CC due Jan 5, 2015
- Group B: CC due Jan 4, 2016
- Group C: CC due Jan 4, 2017



Typical ICC Code Cycle

- **Code Change deadline:**
First working day in January
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- **Committee Action Hearings:**
Code Development held in April-May
- **Public Comment Hearings:**
Final Action held in Oct-Nov



Final Action Hearings

**Final vote on whether or not to change
the code rests with the ICC Governmental
Member Representatives –**

**those who administer, formulate or enforce
the regulations and are charged with the
public's health, safety and welfare**



Who Should be Involved In Code Development

- Code officials
- Design professionals
- Code consultants
- Trade associations
- Builders/contractors
- Manufacturers/suppliers
- Government agencies
- Anyone with an interest



Question #4

Do you believe that current model codes and/or standards related to In-Building Public Safety Communication meet all stakeholder needs and no further changes are needed?

- a) Yes
- b) No
- c) Not Sure



Our Mission



Bringing together persons or groups with a common interest
in solutions that enhance in-building communications
for the public and for public safety responders.



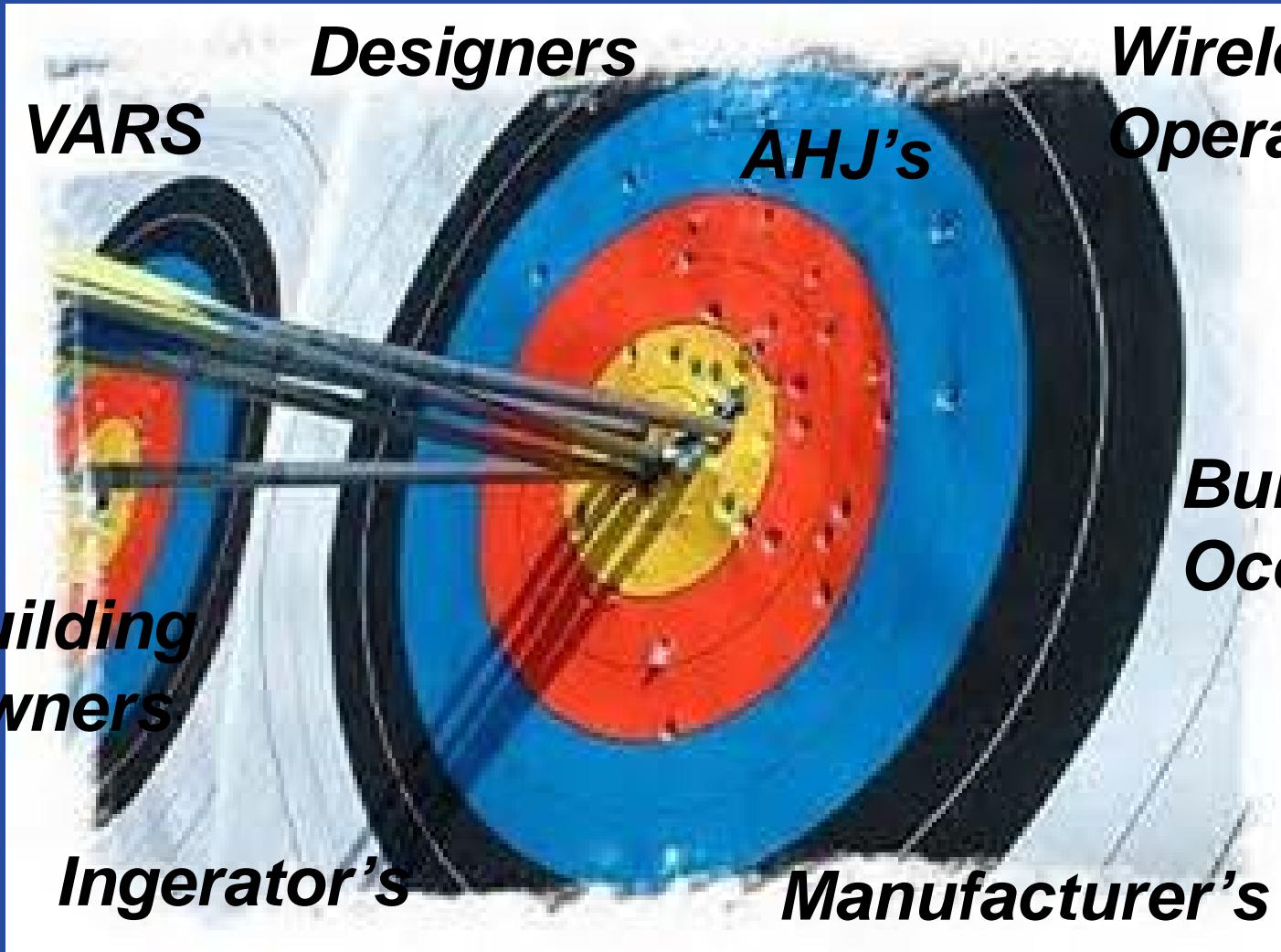
The Solution



Create the Winning Team



Creating a Win-Win Environment for all Stakeholders...





Question #5

Do you believe that the quality of system design, installation and maintenance processes are a direct result of adopted codes/standards?

- a) Yes
- b) No
- c) Not Sure



The Goal

***Reliable in-building communications
when it counts.***

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Questions?