

Building a Connected Community Interworked NG911, FirstNet, IoT, Smart Cities, MCPTT, and PoC



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The Connected Community

- **Interworked NG911**
- **Smart Cities**
- **FirstNet**
- **MCPTT**
- **IoT**
- **PoC**

- **Smart Cities – When were they not?**
- **Simply the evolution of technology**
- **Started when the first city implemented its first public information system**

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What is a “Smart City” Technology The Range of Technologies

- **Smart Buildings?**
- **Smart Highways (Roads)?**
- **Public WiFi?**
 - **(WiMAX, WISP, etc.)?**
- **Smart Grid?**
- **Smart Meters?**
- **Internet of Things (IoT)?**

What Do You Really Want To Do?

**Technology is never the question,
and rarely the answer**

Therefore to find the answers;

- **There are big questions**

and

- **There are small questions**

What Do You Really Want To Do?

The Big Questions

- **Attract public and corporate investment**
- **Increase energy efficiency**
- **Increase public safety**
- **Increase government efficiency**

Increase quality of life / lifestyle

What Do You Really Want To Do?

The Small Questions

- **Implement Public WiFi**

- Merged Public / Governmental WiFi?
- Targeted locations or Wide area?

- **Enable Smart Buildings**

- Smart Grid?
- Smart Meters?

- **Enable IoT**

- ??????

- **Implement NG911**

- Simple E-911 replacement?
- Enhanced functionality?

- **Implement Improved Wireless**

- PoC?
- MCPTT?

- **Enable Io Life-Saving T**

- ??????

There Are Endless Opportunities

How to select the “right opportunity?”

- What is it that you want to accomplish?
- The answer lies between;
the Big Questions
and the Small Questions

**You will never know when you get there
if you don't know where you are going!**

We want to increase Public Safety

- **We want to use “Smart City” technology to improve emergency response**
- **We want to leverage technology to increase/improve the ability for the public to provide information to public safety**
- **We want to leverage technology to distribute content to first responders**

We want to increase Public Safety

- **Enabled through implementing NG-911**
- **With broadband access by Public Safety**
- **Enhanced through using video sources, linked to PS Dispatch, with analytics**
- **Increased communications efficiency across public safety/public service**
 - **By leveraging PoC**
 - **By driving for MCPTT**

How do you decide what to do?



How do you decide what to do first?

There are Always Issues

From the high level

- What can be afforded?
- What technology is moving too fast or not yet stable?

To the specific

- How much do you want IoT coming into the PSAP?
- Will you disadvantage those using older technology?

Planning – Building the right team

- **Who are the stakeholders**

Who will be impacted?

Who will be involved?

And Planning – Setting the Scope and Goal

- **Making the hard decisions**
- **Building consensus and buy-in**

Thank You!!

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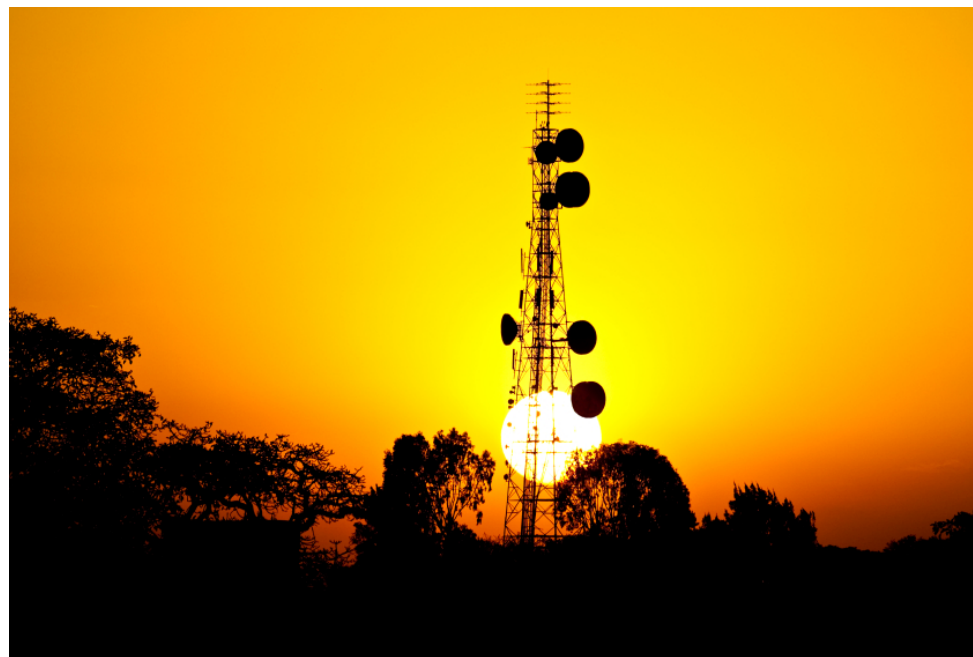
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Thank you...

