



**OhioFirst.Net**

**OHIO FIRSTNET INITIAL CONSULTATION MEETING**

June 11, 2015  
Ohio State Highway Patrol Training Academy

**OPENING REMARKS**

Darryl Anderson,  
Statewide Interoperability Coordinator, (SWIC) and  
FirstNet Single Point of Contact (SPOC)

**FIRSTNET UPDATE**

**PARTNER PRESENTATIONS**

## OHIO FIRST.NET IMPLEMENTATION PROJECT OVERVIEW

Brandon Abley,  
Project Manager, OhioFirst.Net Implementation Project

## AGENDA

- OFIP Program Overview
- Project Accomplishments
- Data Collection
- Controlled Scenario Demo

## OFIP PROGRAM OVERVIEW

OFIP Key Personnel | OFIP Objectives | Project Deliverables  
| Project Timeline | Expanded Scope | New Tasks

## KEY PERSONNEL

Name	Organization	Project Role	Email
Darryl Anderson	State of Ohio	SWIC	<a href="mailto:darryl.anderson@das.ohio.gov">darryl.anderson@das.ohio.gov</a>
Kelly Castle	State of Ohio	Project Sponsor	<a href="mailto:kelly.castle@das.ohio.gov">kelly.castle@das.ohio.gov</a>
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Brandon Abley	Televate	Project Manager	<a href="mailto:babley@televate.com">babley@televate.com</a>
Rick Burke	Televate	Program Manager	<a href="mailto:rburke@televate.com">rburke@televate.com</a>
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Mark Schriml	Advocate	Program Manager	<a href="mailto:schriml@acgltld.com">schriml@acgltld.com</a>
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Gregory Berquist	Advocate	Consultant	<a href="mailto:gberquist@wcoil.com">gberquist@wcoil.com</a>

## OFIP OBJECTIVES

<ol style="list-style-type: none"> <li>1. <b>STRATEGY</b></li> <li>2. <b>INFORMATION</b></li> <li>3. <b>REQUIREMENTS</b></li> <li>4. <b>CONSULTATION</b></li> <li>5. <b>SUSTAINABILITY</b></li> </ol>	<p>Establish a sound strategy to guide the State in achieving its NPSBN objectives.</p> <p>Gather, assess and organize all information necessary to prepare for the State consultation.</p> <p>Provide a clear explanation of the NPSBN RAN requirements to all Ohio stakeholders.</p> <p>Support the State during the consultation process with FirstNet.</p> <p>Prepare the State to implement sustainable public safety data communications network.</p>
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## DELIVERABLES OVERVIEW

<p><i>PROJECT PLANNING</i></p> <p><i>REQUIREMENTS GATHERING</i></p> <p><i>USER POPULATION RESEARCH</i></p> <p><i>SUSTAINABILITY PLANNING</i></p> <p><i>CONSULTATION</i></p>	<p><i>EDUCATION AND OUTREACH</i></p> <div style="border: 1px solid black; padding: 5px; text-align: center;"> <p><i>WEB</i></p> <p>.....</p> <p><i>PRINT</i></p> <p>.....</p> <p><i>FACE-TO-FACE</i></p> </div> <p><i>MULTIMEDIA</i></p> <p><i>DATA COLLECTION</i></p>
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## STAKEHOLDER ENTITY LIST

Develop comprehensive contact database of stakeholders for all public safety agencies in Ohio and collect basic POC data from them.

```

    graph LR
      subgraph Sources
        A[Civic Databases]
        B[State Contact Lists]
        C[SIEC contacts]
      end
      Sources --> D[Contact List]
      D --> E[POC Survey]
      D -.-> D
  
```

**DELIVERABLE:** Tabular Database

## USER SURVEYS AND POPULATION PROJECTIONS

Utilize agency surveys and data retrieved from the agencies to provide a reasonable projection of NPSBN users throughout the State.

```

    graph LR
      subgraph Surveys
        S1[Agency Requirements]
        S2[Barriers to Adoption]
        S3[Coverage Requirements]
        S4[Current Spending]
        S5[Potential # of Subscribers]
        S6[Preferred Device Types]
      end
      Surveys --> Results
      subgraph Results
        R1[Projections]
        R2[Insights]
        R3[Opportunities]
        R4[Risks]
      end
  
```

**DELIVERABLE:** Tabular Database & Written Report

# USERPOP SURVEY



Thank you for participating in the OhioFirst.Net UserPOP Survey.

Please all of the questions that apply to you. Some questions may not apply if you are a public safety support entity like a transportation agency or a public utility. Please answer all questions relevant to your organization.

**What kind of information are you collecting?**

We are collecting data in four parts:

1. Agency Demographics
2. Current Cellular Provider
3. Device Inventory
4. Applications Inventory

**Survey Worksheet**

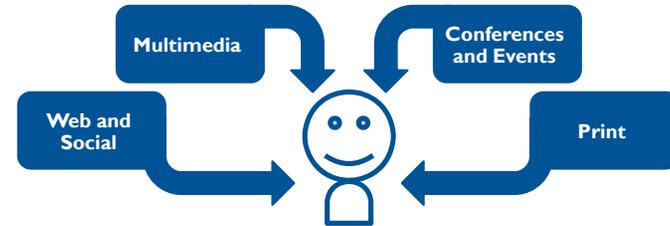
Download a worksheet form that will help you make sure you've collected all of the data you will need to complete this survey. You will need to collect a great amount of information before you can provide a complete response, and this worksheet should help you organize that information.

**Survey Sections**

You can access each survey section by clicking on the buttons below.

# OUTREACH AND EDUCATION

360 degree multimedia strategy that achieves maximum stakeholder reach. The message is delivered in multiple formats—print, web, and in-person.



**DELIVERABLE:** Meetings, presentations, web modules, newsletters

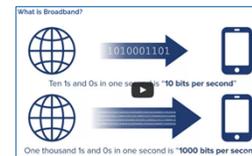
# OUTREACH OVERVIEW



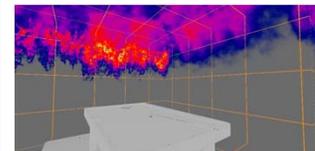
Content rich multimedia outreach and information sharing

- OhioFirst.Net web site
- Bi-weekly project status reports and updates
- Quarterly Newsletters
- Periodic email blasts
- Broadband technical brochures
- Twitter and Facebook outreach

# MULTIMEDIA



Short animated videos with recorded audio are available on the OhioFirst.Net website



Interactive 3D scenario showing potential advantages of enhanced situational awareness through use of data



# DATA COLLECTION

Data Collection Overview | Surveys | Coverage Reviews | Traffic Profile Workshops

## DATA COLLECTION OVERVIEW

Data collection efforts will deliver key insights for Ohio planning and satisfy FirstNet Data Collection requirements.

- Coverage Objectives
- Public Safety Entity Information
- Devices
- Operational Areas
- Survey Data
- Calls for Service
- Applications
- Data Usage
- Current Providers
- Barriers to Adoption

## SURVEYS

**POC SURVEY:**

- 3095 recipients
- 980 opened
- 668 click-throughs
- 808 POCs

**USERPOP SURVEY:**

- 715 recipients
- 276 opened
- 296 click-throughs
- 89 Completed so far

## BARRIERS TO ADOPTION

Cost	Not enough funding.	45%
Coverage	We have excellent coverage.	74%
Network Performance	Commercial service performs well.	65%
Security	Commercial service is secure enough.	76%
User Expertise	My users understand cellular data.	70%
Perceived Usefulness	My agency finds mobile data very useful.	91%

## BARRIERS TO ADOPTION

Agencies are very happy with their commercial service.



## BARRIERS TO ADOPTION

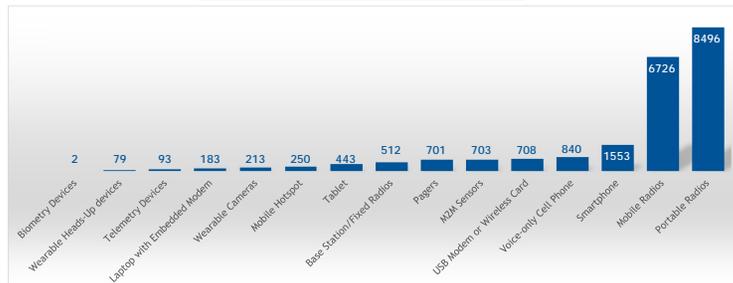


Their biggest barrier to adopting cellular data is not a network feature like speed, performance, reliability or coverage:

*It's that they **don't have enough funding** to pay for more of the commercial service **they are very happy with**, and report **is priced fairly**.*

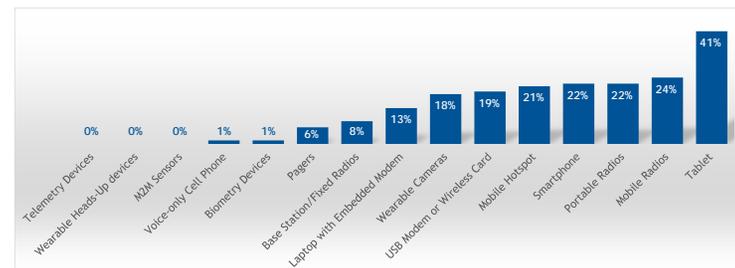
## DEVICES

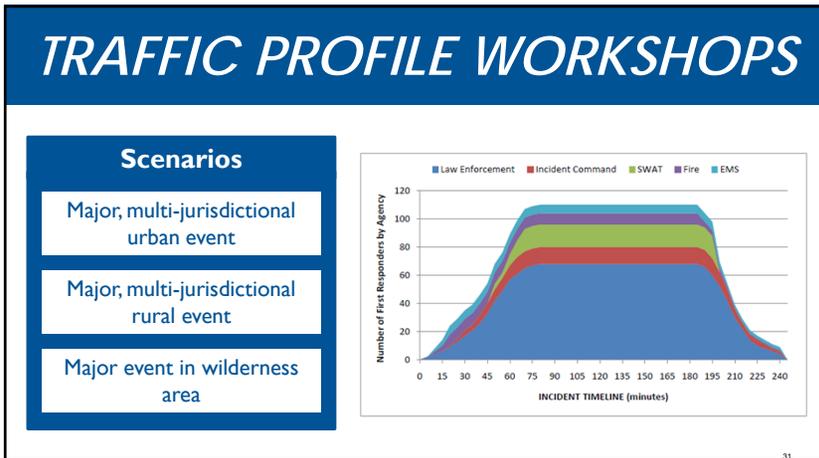
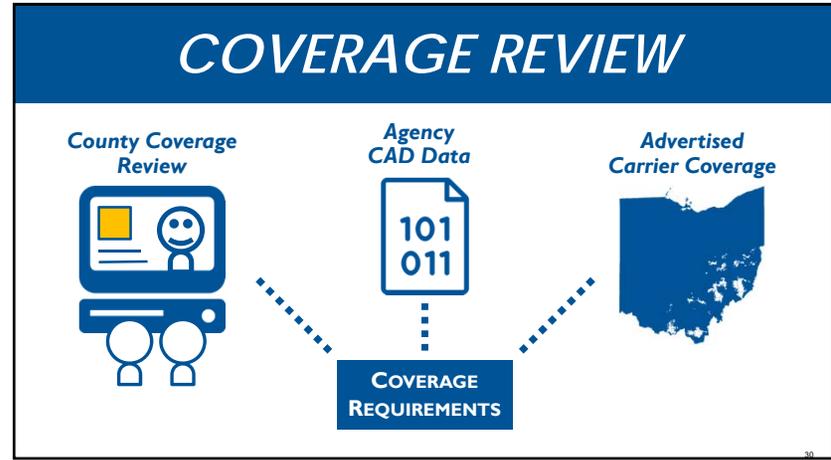
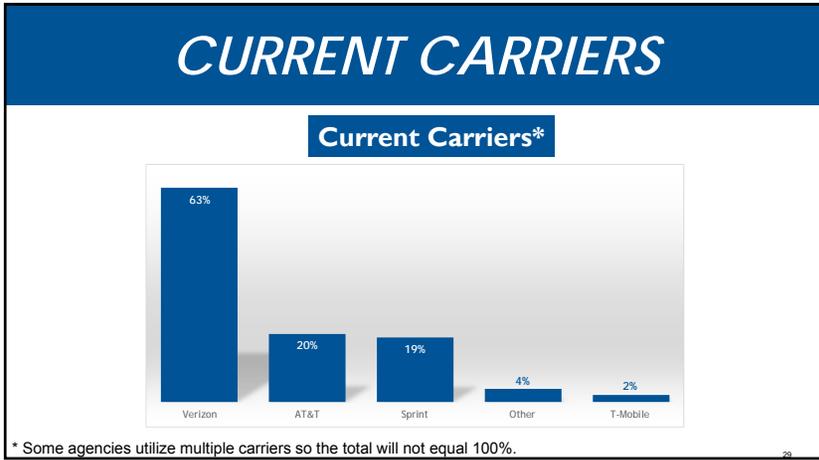
Devices In Service Today



## DEVICES

What percent of agencies plan to increase devices by 2017?





## INTERACTIVE 3D SCENARIO

## DESCRIPTION

3D interactive training scenario to assist the state in outreach, education, and marketing efforts. This scenario will depict a fire response event (1) without the use of future technology, and (2) with the use of future situational awareness technology including a heads-up-display.

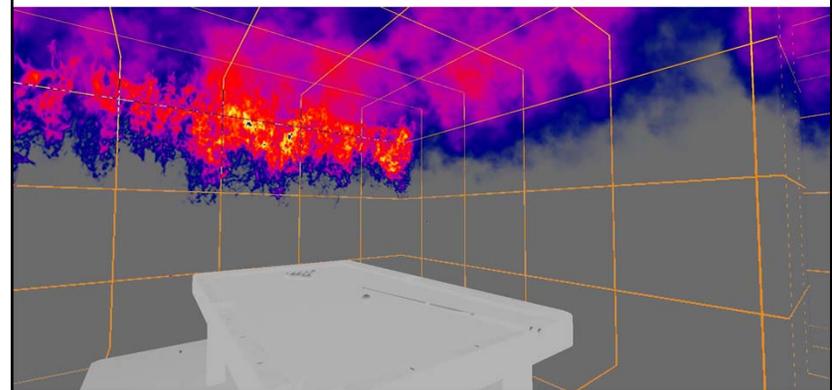
## SCENARIO DESCRIPTION

- Structural fire rescue
- Player will navigate structure in poor visibility, perform rescue and extraction
- Two scenarios are included:
  1. Current technology; “traditional” rescue
  2. Near future: enhanced awareness through HUD

### SCENARIO 1: TODAY



### SCENARIO 2: ENHANCED DATA



## *JUSTIFICATION*

- A novel and unexpected way to communicate the promise of FirstNet: a video game
- Heads-up-Display is a feasible demonstration of this technology; it is not outlandish
- Compelling audio-visual scenario
- Audience-sensitive; no violent or disturbing imagery

37

## *PUBLICATION*

- Controlled demonstration at FirstNet Initial Consultation (**June 11**)
- General public release date: TBA July 2015

38

## *THE DEMO*

39

## *THANK YOU!*

**Brandon Abley**

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40