



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	darryl.anderson@das.ohio.gov
Kelly Castle	State of Ohio	Project Sponsor	kelly.castle@das.ohio.gov
Rebecca Vanest	State of Ohio	Grant Manager	rebecca.vanest@das.ohio.gov
Brandon Abley	Televate	Project Manager	babley@televate.com
Rick Burke	Televate	Program Manager	rburke@televate.com
Elizabeth Herring	Televate	Consultant	eherring@televate.com
Mark Schriml	Advocate	Program Manager	schriml@acgltld.com
Liz Kheng	Advocate	Project Coordinator	liz@tenableconsulting.com
Gregory Berquist	Advocate	Consultant	gberquist@wcoil.com

OFIP OBJECTIVES

<ol style="list-style-type: none"> 1. STRATEGY 2. INFORMATION 3. REQUIREMENTS 4. CONSULTATION 5. SUSTAINABILITY 	<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

<ul style="list-style-type: none"> PROJECT PLANNING REQUIREMENTS GATHERING USER POPULATION RESEARCH SUSTAINABILITY PLANNING CONSULTATION 	<ul style="list-style-type: none"> EDUCATION AND OUTREACH <ul style="list-style-type: none"> WEB PRINT FACE-TO-FACE MULTIMEDIA DATA COLLECTION
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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.


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.

DELIVERABLE: Tabular Database & Written Report

USERPOP SURVEY




Thank you for participating in the OhioFirst.Net UserPOP Survey.
 Fill out 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. Business Inventory
4. Applications Inventory

Survey Worksheet



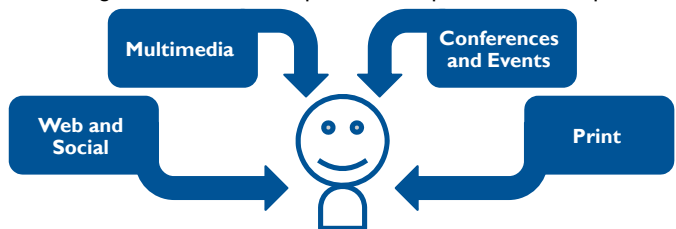
Download a worksheet form that will help you make sure you've collected all of the data you will need to complete this survey. You will need to collect a great amount of information before you can provide a complete response, and this worksheet should help you organize that information.

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

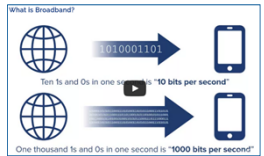
OUTREACH OVERVIEW



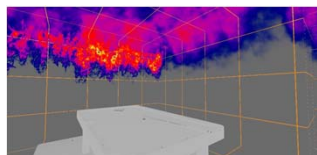
Content rich multimedia outreach and information sharing

- 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

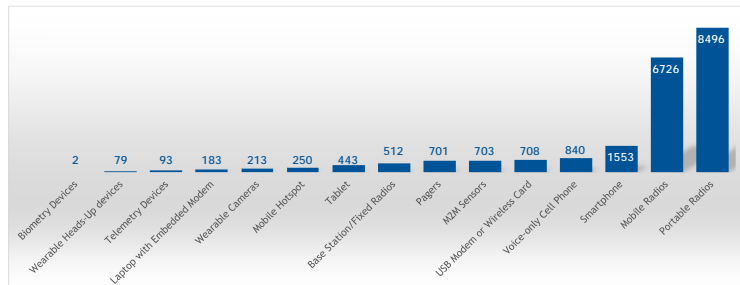


Their biggest barrier to adopting cellular data is not a network feature like speed, performance, reliability or coverage:

*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**.*

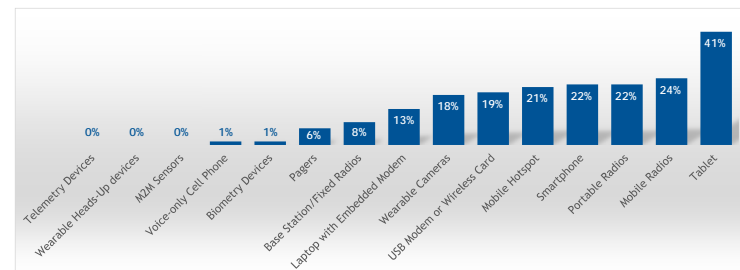
DEVICES

Devices In Service Today



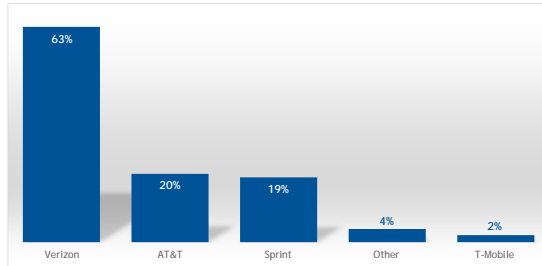
DEVICES

What percent of agencies plan to increase devices by 2017?



CURRENT CARRIERS

Current Carriers*



* Some agencies utilize multiple carriers so the total will not equal 100%.

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COVERAGE REVIEW

County Coverage Review



Agency CAD Data



Advertised Carrier Coverage



COVERAGE REQUIREMENTS

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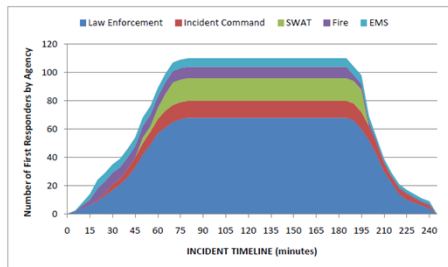
TRAFFIC PROFILE WORKSHOPS

Scenarios

Major, multi-jurisdictional urban event

Major, multi-jurisdictional rural event

Major event in wilderness area



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INTERACTIVE 3D SCENARIO

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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.

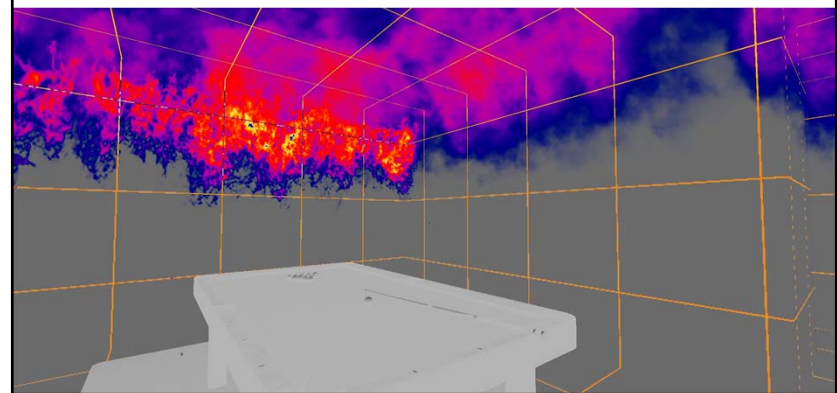
SCENARIO DESCRIPTION

- 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

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PUBLICATION

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

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THE DEMO

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THANK YOU!

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