Tech Clearinghouse
Breakout 33

Communities of Practices
Reality Mobile /FAMS Demo

Sonja Rodriguez
Director Tech Clearinghouse
Science and Technology Directorate
Department of Homeland Security
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Introduction

- Section 313 of Public Law 107-296, the Homeland Security Act of 2002, tasks the Department of Homeland Security (DHS) Science and Technology (S&T) Directorate with providing a Technology Clearinghouse that encourages the mission of DHS.

- This clearinghouse also addresses the long-standing requests by the public safety and emergency responder communities for one stop shopping of information to help identify and procure these technologies.

- Designed to be a "one-stop shop" for access to technology information for Federal, State, and local Public Safety and First Responder communities; it will assists First Responders in making informed procurement decisions based on performance testing, accelerate the development of standards, and provide best practice forums to share tactics, training and procedures.
Technology Clearinghouse

Product Description:
- Develop a web-based central resource that serves as a one-stop-shop to disseminate technology information to Federal, State, local and tribal agencies
- Encourages and supports innovative solutions to enhance homeland security

TRL at start: 3  TRL at transition: 7

Planned Demos/Deliverables/Transitions:
- Release certified and accredited Version 1.0 of the Tech Clearinghouse — FY08
- Release advanced search and retrieval tools — FY08
- Release Tech Community of Practices — FY08
- Integrate existing relevant databases FY — 08
- Identify new sources of information and integrate 1st Responder.gov – FY 09-13
- Provide UL efficacy and safety testing for Authorized Equipment List (AEL) products – FY07-13

Initiatives:
- Portal
- www.FirstResponder.gov
- T&E Stds/Grants & Training IPT
- UL/AEL Testing
- Tech Community of Practice
- S&T Search
- AAAS Fellowhsip/IED Training
- Partnership with Success Stories
- FAMS projects
- Real KY

Payoff:
- Provides government organizations with information to support procurement and grant guidance decisions
- Provides First Responder with information that can help them make sound acquisition decisions

Performers
G&H International, Eastern Kentucky University, SPAWAR

* Technology Clearinghouse and Tech Solutions Programs share the same budget
Tech Community of Practice

Product Description:

- Develop collaboration and community of practice to disseminate technology information to Federal, State, local and tribal agencies
- Leverage Lessons Learned from First Responder Community
- Provides Continuation of Operations
- Distance Learning and Collaboration Opportunities

TRL at start: 3       TRL at transition: 7

Planned Demos/Deliverables/Transitions:

- Release prototype – Nov 1st 2007
- Integration into Tech Clearinghouse Portal or First Responder.gov
- 8 Community of Practices FY 08-09

Summary:

- HSIN S&T Prototype
- NIIX model

Cost: 🟢 Performance: 🟢 Schedule: 🟢
National Interoperability Information Exchange

Overview

• The National Public Safety Telecommunications Council (NPSTC) is a federation of 14 organizations whose mission is to improve public safety communications and interoperability through collaborative leadership (www.NSPTC.org)

• NSPTC provides the web-based, secure National Interoperability Information eXchange service (www.NIIX.org) to assist the interoperability community in the development and sharing of statewide communications interoperability plans and other interoperable communications-related documentation.
National Interoperability Information Exchange

**NIIX Services**

- Centralized access to peer-supplied documents, including various plans, agreements, governance, policy, legislation, SOPs, funding and other useful documents
- Ability for members to submit documents to a national repository for sharing with peers
- Security and authentication ensures that only members with appropriate authorization have access to sensitive planning documents
- Collaborative features provide the ability for members to associate themselves into communities
- Calendar and event announcements
There are approximately 770 members of NIIX, from all states and territories.
National Repository

Members can access information about peer-supplied national documents, national events, other NIIX members, and NIIX communities.
National Document Listing

[Image of the National Interoperability Information eXchange (NIIX) website]

- **State**
  - **MT**: Interoperability Montana Draft Interim Strategic Plan
  - **CA**: 2007 Statewide Integrated Public Safety Communications Strategic Plan
  - **VA**: Fiscal Year 2007 Commonwealth of Virginia Strategic Plan for Statewide Communications Interoperability
  - **WI**: State of Wisconsin Technical Plan to Support Statewide Communications Interoperability
  - **NE**: Nebraska Communications Strategy 2005
  - **MO**: Missouri Public Safety and Critical Infrastructure Communications Strategic Plan 2007
  - **KY**: Commonwealth of Kentucky Statewide Strategic Plan for Communications and Interoperability
  - **CA**: 2005 Statewide Integrated Public Safety Communications Strategic Plan: A plan for California State Public Safety Communications System Integration, Modernization and Interoperability
Members can associate themselves into self-governed communities.

Members can see a list of all the Communities that are on the NIIX site by clicking on the right hand side of the page above the national map.

NIIX currently has 63 State/Territory/Regional Communities
Each Community is administered by the Community.

Every member of the Community sees the community home page, including a community calendar, community announcements, and community documents.

Email notifications may be sent to Community members with a document upload or as an individual messages.
Once a Coordinator has posted a document to the Community, any member of the Community can make comments regarding that document.
Comments

Demonstration Community Comments
NIIX Demo SIIC Meeting Minutes - August, 2007

Add a new comment:

Comment:
The last document that was posted has a lot of good information that we will be able to adapt to our needs. Thanks.

File (optional):
Browse  Save  Post

Kathy Linel commented on 12/7/2007 09:12:17  PSSTC/NIIXCOPConOps:1.1.doc
Here are my comments. I think it is a great document. But I have another one that might be of interest to you. It is attached.

Demo Coordinator commented on 11/15/2007 14:02:23
Here is another comment.

We would be happy to host the next SEC Meeting at our headquarters. We could have it at the location shown in the attached file.

Kathy Linel commented on 9/6/2007 11:09:57
Test broadcast message to Demonstration community.
FAMS Scenario

- The FBI has received intelligence information indicating that a person of interest to the Federal Bureau of Investigation is in the Newark, NJ area. DHS has been requested to augment their efforts to locate the individual.
- Two 2-man VIPR teams are position near Port Authority Trans-Hudson (PATH) stations and are actively searching for the individual. Each team member is equipped with a Motorola Q9h loaded with RealityVision in order to communicate with headquarters.
- An ad-hoc wireless headquarters has been set up in a local DHS office and is using the RealityVision Management Console to coordinate with the teams.
Headquarters Distributes Information Instantly

FBI has received reliable information that the subject may enter the PATH station at the Harrison Station or Journal Square. Subject is a white male: 50-55 years of age; goatee; short-gray hair; approximately 5'10' and 180 lbs. Directions are to identify and notify FBI. Surveillance is authorized but do not approach.
Headquarters Distributes Photo of Suspect

White Male  50 - 55 yrs old
5'10"  180Lbs
Goatee, Short Grey Hair
VIPR Team 1 Identifies Suspect and Begins Surveillance on PATH Train
VIPR Team 1 Provides Multiple Perspectives of Suspect on Train
VIPR Team 1 Captures Bag Exchange Between Suspect and Unknown Individual
Reality Mobile / FAMS Video
Questions?