

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 assist 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



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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
- Fulfills Section 313 of the Home Land Security Act of 2002.

TRL at start: 3 TRL at transition: 7

Initiatives:

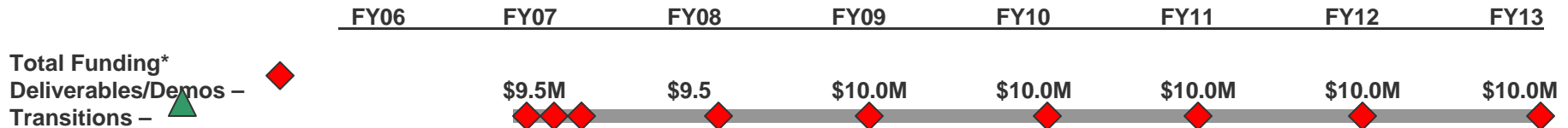
- Portal
- www.FirstResponder.gov
- T&E Stds/Grants & Training IPT
- UL/AEL Testing
- Tech Community of Practice
- S&T Search
- AAAS Fellowship/IED Training
- Partnership with Success Stories
- FAMS projects
- Real KY

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

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



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* Technology Clearinghouse and Tech Solutions Programs share the same budget

Performers
G&H International, Eastern Kentucky University, SPAWAR

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:



Notes:



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Performers
TBD

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.



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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



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www.NIIX.org

There are approximately 770 members of NIIX, from all states and territories.



The screenshot shows the homepage of the National Interoperability Information eXchange (NIIX). At the top, the NIIX logo is displayed alongside the text "National Interoperability Information eXchange" and "A SERVICE OF NPSTC". The NPSTC logo is also visible in the top right corner. The main content area is divided into several sections:

- Member Login:** A form with fields for "Username: [Forgot username?](#)" and "Password: [Forgot password?](#)", a "Go" button, and a "Register for NIIX" button.
- WELCOME to the National Interoperability Information eXchange:** A central message stating that the NPSTC provides NIIX as a free service to the interoperability planning community. It includes a paragraph about the service's purpose and a "Why register for NIIX?" button.
- Events and Announcements:** A list of upcoming meetings, including "Region 30 New York 700 and 800 MHz Meeting, December 6", "Region 19 New England 700 MHz and 4.9 GHz Meetings, December 9", "Region 3 Arizona 800 MHz NPSPAC Meeting, December 14", "Region 39 Tennessee 700 MHz followed by 800 MHz NPSPAC Meetings, December 18", and "Region 21 Michigan 700 MHz Meeting, December 20".
- Navigation Buttons:** Three buttons on the right side: "What's New?", "Frequently Asked Questions", and "Related Links".
- About NPSTC:** A section with the NPSTC logo and the text "About NPSTC".
- Footer:** A red bar containing navigation links: "Home | About NPSTC | About NIIX | DOJ Disclaimer | Terms of Service | Privacy | Accessibility | Security | Links | Help | FAQ | Contact Us". Below this, it states "NIIX is a Service of the National Public Safety Telecommunications Council" and "Copyright 2007. All Rights Reserved."



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National Repository

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

The screenshot shows the National Repository website. At the top, there is a header with the NIIX logo (National Interoperability Information eXchange) and the NPSTC logo (National Public Safety Training Center). Below the header, there is a navigation bar with links for Home, Main, Profile, Logout, Help, and Links. The main content area is divided into several sections:

- National Repository**: A section with a link to [Recent Documents \(2\)](#).
- Documents by Category**: A list of categories with document counts:
 - National Plans (34)
 - Agreements (6)
 - Governance, Policy, & Legislation (9)
 - Funding (2)
 - Best Practices (3)
 - SOPs (3)
 - Data Collection Forms (0)
 - Misc Documents (21)
 - NIIX Information (8)
 - Standards (1)
- Your Communities**: A section for community-based documents.


In the center of the page, there is a map of the United States with state abbreviations. Below the map, there is a calendar for February 2008. The calendar shows a grid of days, with the 11th of February highlighted in red. A tooltip box is open over the 11th, displaying the text "Event(s) for February 11" and "• NPSTC Mtg".

At the bottom of the page, there is a footer with a navigation bar containing links for Home, About NPSTC, About NIIX, DOJ Disclaimer, Terms of Service, Privacy, Accessibility, Security, Links, Help, FAQ, and Contact Us.




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National Document Listing



**National Interoperability
Information eXchange**

A SERVICE OF NPSTC



Welcome: Demo User

[Home](#) | [Main](#) | Documents

[Profile](#) | [Logout](#) | [Help](#) | [Links](#)

National Repository

[Recent Documents](#) (2)

Documents by Category

- National
 - Plans (34)
 - [State Interoperability Plans](#) (10)
 - [Strategic Plans](#) (8)
 - [Tactical Plans](#) (3)
 - [Radio Project Plans](#) (4)
 - [Frequency Plans](#) (7)
 - [Operational Plans](#) (2)
 - Agreements (6)
 - Governance, Policy, & Legislation (9)
 - Funding (2)
 - [Best Practices](#) (3)
 - [SOPs](#) (3)
 - [Data Collection Forms](#) (0)
 - [Misc Documents](#) (21)
 - NII Information (8)
 - [Standards](#) (1)

Your Communities

Strategic Plans Documents

Left click on the Document Title to open it, right click to download it
 Left click on the Description [View](#) link to view it
 Left click on the Table of Contents [Yes](#) link to open it, right click to download it
 Left click on any underlined column header to sort by that column (click again to reverse the sort order)

a new document

State	Document Title	Description	Table of Contents	File Size	Submitted By	Posted Date	Creation Date
MT	Interoperability Montana Draft Inteim Strategic Plan	View	Yes	3,200KB	Pete Mohan	07/24/2007	02/09/2007
CA	2007 Statewide Integrated Public Safety Communications Strategic Plan	View	None	1,542KB	Donald Root	06/30/2007	03/30/2007
VA	Fiscal Year 2007 Commonwealth of Virginia Strategic Plan for Statewide Communications Interoperability	View	Yes	13,655KB	NII Support	06/29/2007	07/01/2006
WI	State of Wisconsin Technical Plan to Support Statewide Communications Interoperability	View	Yes	894KB	NII Support	06/28/2007	09/01/2006
NE	Nebraska Communications Strategy 2006	View	None	595KB	NII Support	06/28/2007	03/01/2006
MO	Missouri Public Safety and Critical Infrastructure Communications Strategic Plan 2007.	View	None	482KB	NII Support	06/28/2007	01/01/2006
KY	Commonwealth of Kentucky Statewide Strategic Plan for Communications and Interoperability	View	Yes	5,524KB	NII Support	06/28/2007	06/01/2006
CA	2006 Statewide Integrated Public Safety Communications Strategic Plan - A plan for California State public safety communications system integration, modernization and interoperability	View	None	1,230KB	NII Support	06/28/2007	01/01/2006



Communities

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

NIIX National Interoperability Information eXchange
A SERVICE OF NPSTC

Welcome: Demo User [Home](#) [Main](#) [Profile](#) | [Logout](#) | [Help](#) | [Links](#)

List Documents Members by State Click [Here](#) for All Members Click [Here](#) for All Communities

National Repository
[Recent Documents](#) (2)

Documents by Category

- National
 - Plans (34)
 - Agreements (6)
 - Governance, Policy, & Legislation (9)
 - Funding (2)
 - Best Practices (3)
 - SOPs (3)
 - Data Collection Forms (0)
 - Misc Documents (21)
 - NIIX Information (8)
 - Standards (1)

Your Communities

[Demonstration](#)

- Demonstration(9)
 - General Information (3)
 - Interoperability Plan (2)
 - Archive (1)
 - Draft #1 (1)
 - Draft #3 (0)
 - Meetings (3)
 - Agendas (0)
 - Meeting Minutes (2)
 - Meeting Schedules (1)
 - Team Information (1)
 - Assignments (1)
 - Members (0)

January 2008

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		



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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.

The screenshot shows the NIIIX website interface. At the top, there is a header with the NIIIX logo and the text "National Interoperability Information eXchange" and "A SERVICE OF NPSTC". The NPSTC logo is also present in the top right corner. Below the header, there is a navigation bar with links for "Home", "Main", and "Community". The main content area is divided into several sections:

- National Repository**: Includes a link for "Recent Documents (2)".
- Documents by Category**: A tree view showing categories like "National", "Plans (34)", "Agreements (6)", "Governance, Policy, & Legislation (9)", "Funding (2)", "Best Practices (3)", "SOPs (3)", "Data Collection Forms (0)", "Misc Documents (21)", "NIIIX Information (8)", and "Standards (1)".
- Your Communities**: Includes a link for "Demonstration" and a sub-item "Demonstration(9)".
- Demonstration Community Home**: Shows "Last Update: 1/3/2008" and navigation links for "Community Documents", "Community Members", "Community Coordinators", and "Community Links".
- Welcome to the Demonstration Community**: A central message box with the text "The information contained here is for demonstration purposes only." and a calendar for February 2008.

The calendar for February 2008 is as follows:

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	

At the bottom of the page, there is a footer with navigation links: "Home | About NPSTC | About NIIIX | DOJ Disclaimer | Terms of Service | Privacy | Accessibility | Security | Links | Help | FAQ | Contact Us". Below the footer, there is a small text: "NIIIX is a Service of the National Public Safety Telecommunications Council Copyright 2007 All Rights Reserved".



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Community Comments

Once a Coordinator has posted a document to the Community, any member of the Community can make comments regarding that document.

NIIIX National Interoperability Information eXchange
A SERVICE OF NPSTC

Welcome: Demo User [Home](#) | [Main](#) | [Community](#) | Documents [Profile](#) | [Logout](#) | [Help](#) | [Links](#)

[Community Home](#) [Community Documents](#) [Community Members](#) [Community Coordinators](#) [Community Links](#)

Demonstration Community Documents

Left click on the Document Title to open it, right click to download it
Left click on the Description [View](#) link to view it
Left click on the Table of Contents [Yes](#) link to open it, right click to download it
Left click on any underlined column header to sort by that column (click again to reverse the sort order)

<u>Category</u>	<u>Document Title</u>	<u>Description</u>	<u>Table of Contents</u>	<u>File Size</u>	<u>Submitted By</u>	<u>Posted Date</u>	<u>Creation Date</u>	<u>Comments</u>
General Information	NIIIX System Administration Guide	View	None	21,041kb	NIIIX Support	11/05/2007	11/05/2007	Comments
General Information	NIIIX General Information	View	None	22kb	Demo Coordinator	09/01/2007	09/01/2007	Comments (1)
Meeting Minutes	NIIIX Demo SIEC Meeting Minutes - August, 2007	View	None	72kb	NIIIX Support	09/01/2007	08/13/2007	Comments (5)
Draft #1	Demonstration Plan - Governance Section	View	None	71kb	NIIIX Support	09/01/2007	08/01/2007	Comments (2)
Meeting Minutes	Demo Statewide Plan Kickoff Meeting	View	None	1,542kb	NIIIX Support	09/01/2007	08/04/2007	Comments
Meeting Schedules	Demonstration Plan Meeting Schedule	View	None	18kb	NIIIX Support	09/01/2007	08/04/2007	Comments (4)
General Information	Status of Plans	View	None	72kb	Demo Coordinator	09/01/2007	09/01/2007	Comments (2)
Archive	Demonstration Section 6A	View	None	110kb	NIIIX Support	08/15/2007	08/02/2007	Comments (2)
Assignments	Task Assignments	View	None	18kb	NIIIX Support	08/14/2007	07/19/2007	Comments (1)



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Comments



Welcome: Demo User [Home](#) | [Main](#) | [Community](#) | [Documents](#) | [Comments](#) [Profile](#) | [Logout](#) | [Help](#) | [Links](#)

[Community Home](#) | [Community Documents](#) | [Community Members](#) | [Community Coordinators](#) | [Community Links](#)

Demonstration Community Comments

NIIX Demo SIEC Meeting Minutes - August, 2007

[Comment Report](#)

Add a new comment

Comment:

File (optional):

Kathy Imel commented on 12/7/2007 09:12:17 [PSITECNIIXCOPConOpsv.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 11/19/2007 14:02:23

Here is another comment.

Demo User commented on 9/6/2007 11:41:21 [Building Floorplan.bmp](#)

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

Kathy Imel commented on 9/6/2007 11:09:57

Test broadcast message to Demonstration community.

[Home](#) | [About NPSTC](#) | [About NIIX](#) | [DOJ Disclaimer](#) | [Terms of Service](#) | [Privacy](#) | [Accessibility](#) | [Security](#) | [Links](#) | [Help](#) | [FAQ](#) | [Contact Us](#)

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Reality Mobile / FAMS Demo



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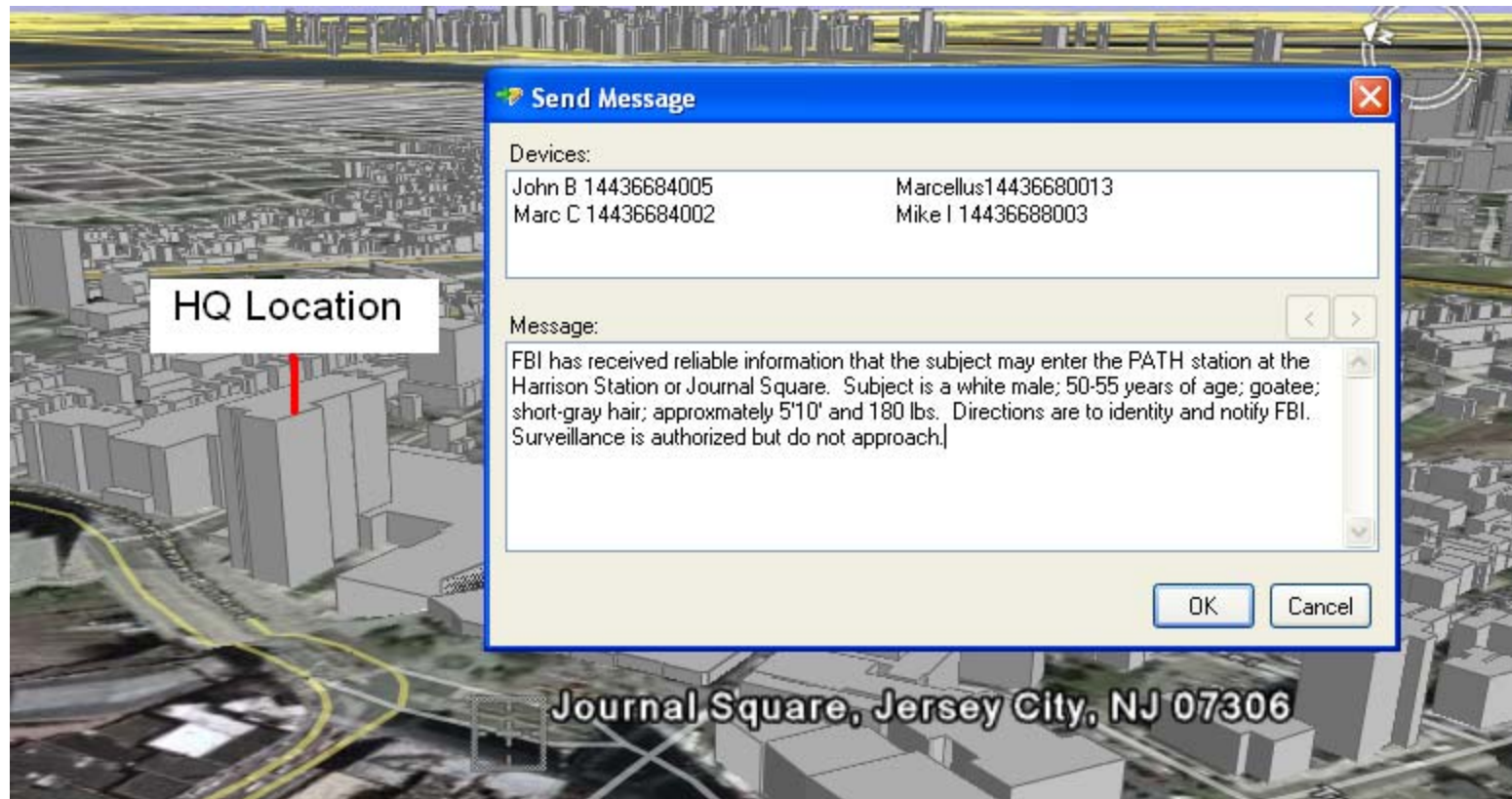
FAMS Scenario

- 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 positioned 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.



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Headquarters Distributes Information Instantly



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Headquarters Distributes Photo of Suspect



White Male 50 - 55 yrs old
5'10" 180lbs
Goatee, Short Grey Hair



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VIPR Team 1 Identifies Suspect and Begins Surveillance on PATH Train



Marc C 14436684002 [12/18/2007]



Marc C 14436684002 [12/18/2007]



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VIPR Team 1 Provides Multiple Perspectives of Suspect on Train

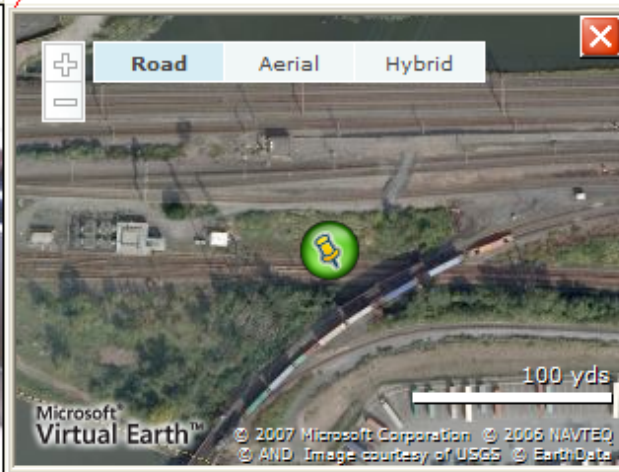
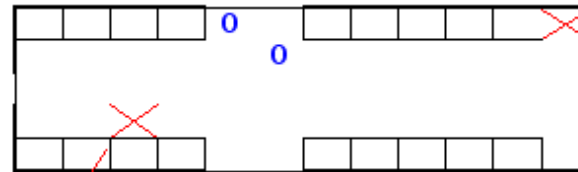


John B 14436684005 [12/18/2007]



Marc C 14436684002 [12/18/2007]

PATH Car



Security

VIPR Team 1 Captures Bag Exchange Between Suspect and Unknown Individual



Marc C 14436684002 [12/18/20



Marc C 14436684002 [12/18/20



Marc C 14436684002 [12/18/20



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Reality Mobile / FAMS Video



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Questions?



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