



Overview/Update

National Information Sharing Consortium

Sean McSpaden
NISC Membership and Outreach Coordinator

November 20, 2013

Sharing tools and best practices to improve situational awareness and interoperability

About the NISC



- ▶ National Information Sharing Consortium – Launched: June 2012
 - Homeland Security, Public Safety, Emergency Management, First Responder, Information Technology, and Geographic Information Systems Communities
 - International, Federal, Tribal, Regional, State, and Local Government
 - Voluntary Information Sharing
 - Governance documents, information sharing plans, standard operating procedures, and software code/documentation, etc.
 - Five (5) Founding Members (June 2012)
 - State of Oregon; Commonwealth of Virginia; State of California; City of Charlottesville, VA; City of Charlotte, NC

About the NISC (cont.)

Mission

As an independent consortium, the NISC strives to bring together data owners, custodians, and users involved in the fields of homeland security, public safety, emergency management and response to leverage efforts related to the governance, development, and sharing of technology, data processes, and best practices.

Vision

- Common, shared situational awareness capabilities exist in every state, territory and the District of Columbia.
- Information is found, discovered and shared effortlessly across all levels of government.
- Every community across the nation will be resilient in the face of disaster or emergency.

About the NISC (cont.)

ELIGIBLE MEMBERS

- First responders
- Emergency Management Professionals
- Information Technology & Communications Officers
- GIS practitioners
- Mission-critical NGOs
- Private Industry partners
- Academic & Civic leaders
- International, Federal, Tribal, Regional, State and Local Government Agencies

About the NISC (continued)

Membership - as of February 2013

6. American Red Cross
7. New York Fire Department
8. Kentucky Emergency Management
9. Washington Military Department
10. Oregon Office of Emergency Management
11. New Hampshire National Guard
12. Miami-Dade Emergency Management
13. Florida Division of Emergency Management
14. State of Washington - CIO Office
15. Metropolitan Washington Council of Governments (representing 22 local government members in the Washington DC area)
16. **National Alliance for Public Safety GIS (NAPSG) Foundation**
17. GeoGuard (representing the National Guard in each of the 54 US States and Territories)
18. Golden Gate Safety Network
19. Orange County Fire Authority
20. **National States Geospatial Information Council**
21. Maryland Department of Information Technology
22. Maine Emergency Management Agency
23. Lake County (OH) GIS Department
24. Esri

About the NISC (continued)

New Members (March - October 2013)

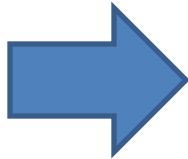
25. Applied Geographics, Inc.
26. Vermont Center for Geographic Information, Inc.
27. Pacific Disaster Center
28. Mercer Island (WA) Fire Department
29. Hawaii Office of Information Management and Technology
30. Hawaii Department of Defense
31. Carnegie Mellon Disaster Management Initiative
32. Washington, DC National Guard
33. Delaware Department of Technology and Information
34. National Guard Bureau Installation and Mission Support Directorate
35. **General Defence Research and Development Canada's Centre for Security Science**
36. Delaware Emergency Management Agency
37. Idaho Bureau of Homeland Security
38. Montana State Library
39. Nashua, New Hampshire Office of Emergency Management
40. Arizona Criminal Justice Commission
41. Wisconsin Department of Administrative Services
42. Charles County Volunteer Firemen's Association/Charles County Association of Emergency Medical Services
43. **Geospatial Information and Technology Association (GITA)**
44. Arkansas Department of Emergency Management
45. State of Montana, State IT Services Division
46. State of Indiana - Office of Technology
47. **National Emergency Management Association (NEMA)**
48. **NetHope, Inc.**
49. New Hampshire Department of Safety
50. County of Lexington, South Carolina
51. Iowa Dept. of Homeland Security and Emergency Management
52. Snoqualmie Indian Tribe – Tribal/Public Safety Dept.
53. Utah Communications Agency Network (UCAN)
54. City of Alexandria Police Department, Virginia
55. James City County - Emergency Management, VA
56. State of Idaho, Office of Geographic Information Officer (GIO)
57. New Brunswick Emergency Measures Organization, Canada
58. Illinois Emergency Management Agency (IEMA)
59. **International Association of Emergency Managers (IAEM)**
60. Alabama Geographic Information Program Office
61. **International Association of Fire Chiefs (IAFC)**
62. Louisiana Governor's Office of Homeland Security and Emergency Preparedness
63. State of New York, Office of Information Technology Services
64. Georgia Tech Research Institute (GTRI)

About the NISC (continued)

Board of Directors (February 2013)

Six (6) Members

1. Sean McSpaden, Chair
2. Chris McIntosh, Vice Chair & Secretary
3. Jeff Dulin – Treasurer
4. Charles Werner
5. Scott Gregory
6. Brigadier General John Heltzel



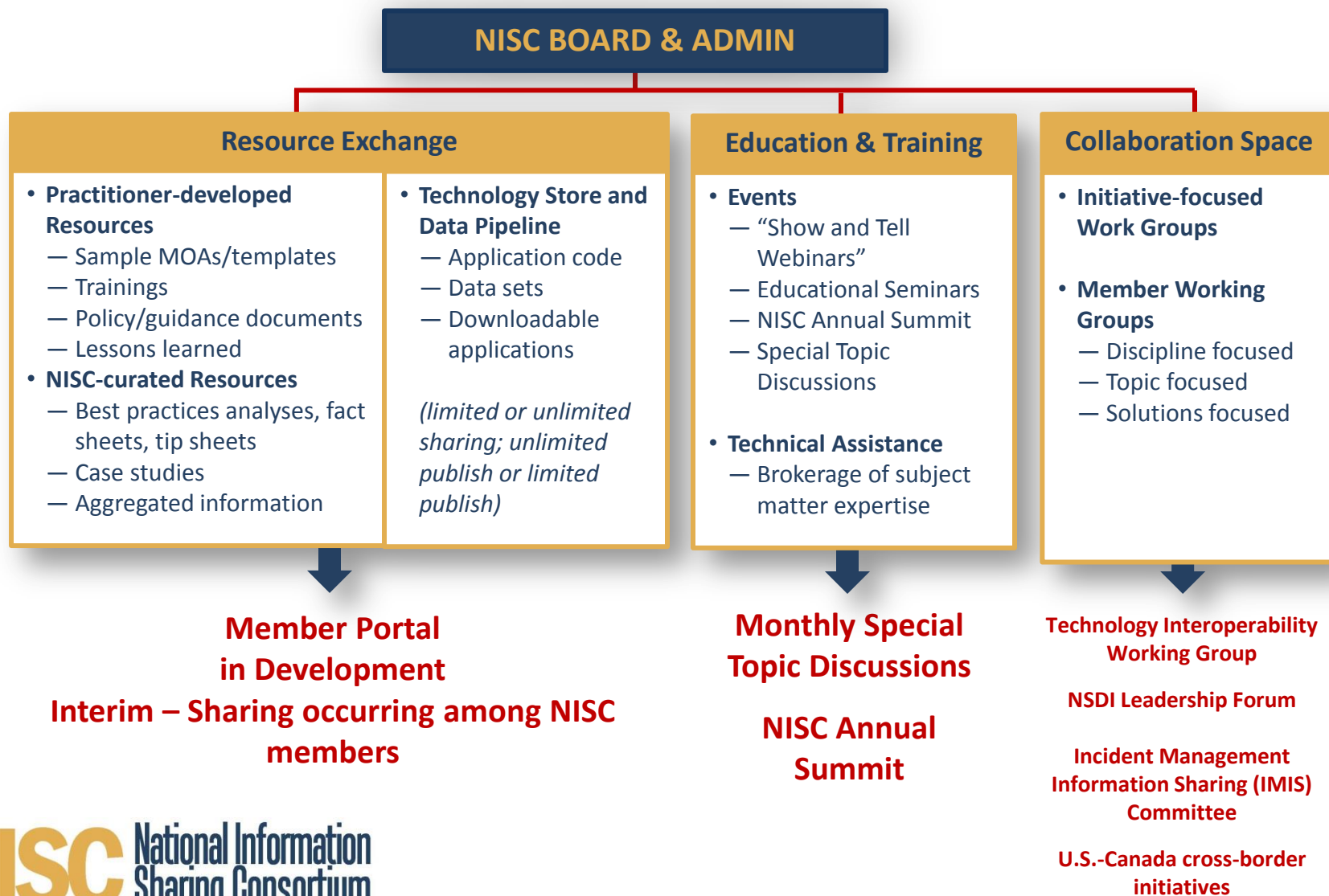
Board of Directors (October 2013)

Thirteen (13) Members

1. Chris McIntosh, Chair - Virginia
2. Charles Werner, Vice Chair – Charlottesville, VA
3. Jeff Dulin – Treasurer – Charlotte, NC
4. Scott Gregory - California
5. Eddie Reyes – Alexandria, VA
6. Steve Proctor - Utah
7. Maj. General William Reddel – New Hampshire
8. Barney Krucoff - Maryland
9. Steve Pollakov – New York, NY
10. Fuzzy Fletcher – Snoqualmie Tribe - WA
11. Vacant (Nominations by 10/25/13)
12. Vacant (Nominations by 10/25/13)
13. Jack Pagotto – Canada’s Centre for Security Science International Liaison (non-voting member)

Find out more about the NISC’s current Leadership and full member directory at:
www.nisconsortium.org

NISC Value and Service Offerings



Value of the Consortium

VIRTUAL USA RAPTOR 3.0
Real Time Assessment and Planning Tool for Oregon

Geoportals Find Data

My Oregon Widget

- Oregon Navigator SDI
- Oregon Navigator SDI - Secure
- OR Dept. of Transportation
- OR Dept. of Environmental Quality
- OR Water Resources Dept
- OR Dept. of State Lands
- OR Dept. of Geology and Mineral Industries
- Oregon State University

Area of Concern Tool

Draw Area To Search Layers

5 Mile(s)

- Schools
- Child Care
- Long Term Care Facilities
- Elderly/Disabled Care
- Day and Night Shelters
- Residential Treatment Centers

Oregon KPI

Select template to create feature

- Transportation
 - MINOR DELAYS
 - NORMAL SPEED
 - MAJOR DELAYS
 - UNKNOWN

vUSA Library

227 of 227 Items

Display	Content Type	Title	Organization	Status
	GEORSS	AL DOT Roadway Information	Tennessee	
	ARCGIS_REST	Alabama EMA REST Services	Alabama	
	ARCGIS_REST	Area Contingency Plan	Florida	
	HTML	BP/ESRI MC252 Incident Data	Florida	
	ARCGIS_REST	Brentwood TN Fire Department	Tennessee	
	ARCGIS_REST	Brentwood TN Police Zones	Tennessee	

Oregon Special Event Console

US Olympic Trials - Eugene, OR

- Search By Name (A-Z)
- Search By Drawing
- Events Occurring Now
- Planning & Analysis

PAPTOR Configurations

Raptor Viewer with all available tools

Raptor Everything

Open Reset Raptor

Value of the Consortium

Value of National Information Sharing Consortium

Oregon develops, tests and deploys "MyOregon Widget" within RAPTOR and then.....

Value of National Information Sharing Consortium

.....Oregon shares "MyOregon Widget" with City of Charlotte, North Carolina - rebranded "MyUASI Widget"

Value of National Information Sharing Consortium

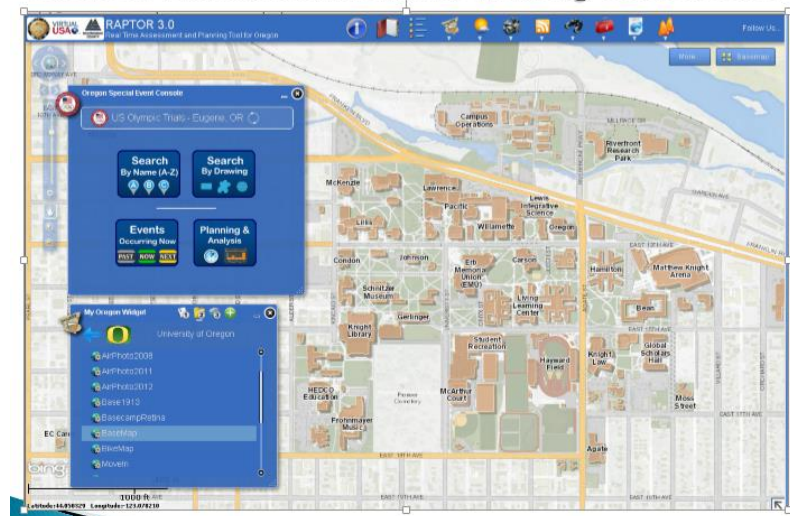
.....Oregon shares "MyOregon Widget" with City of Charlottesville, Virginia - rebranded "Virginia Widget"

Value of the Consortium

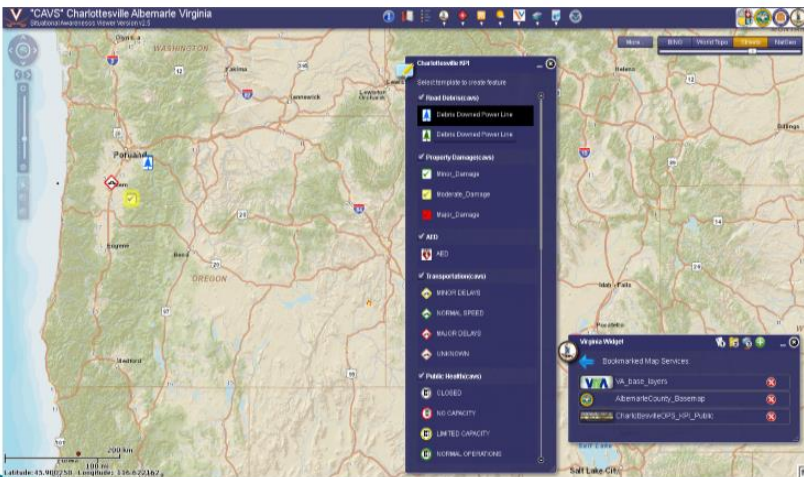
Value of National Information Sharing Consortium



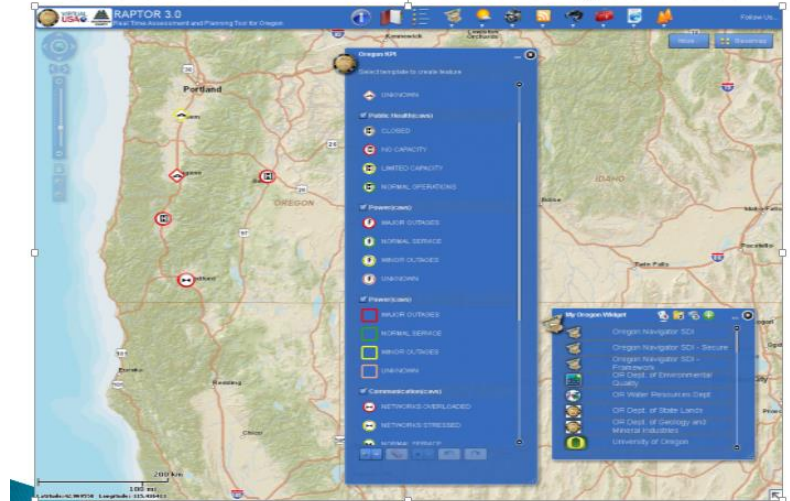
Value of National Information Sharing Consortium



Value of National Information Sharing Consortium



Value of National Information Sharing Consortium



Value of the Consortium

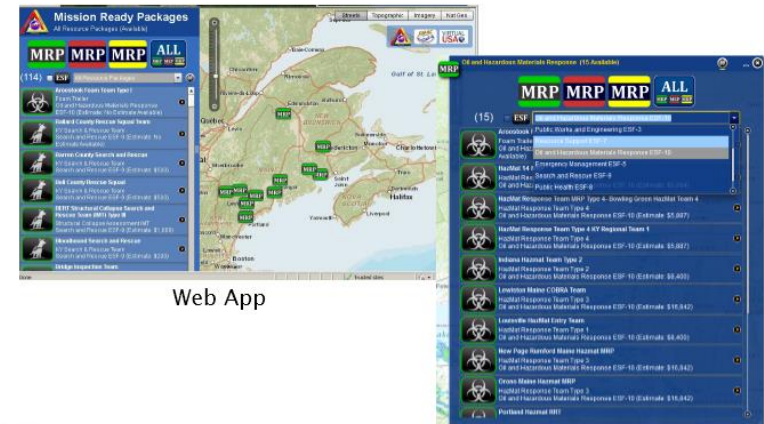
Value of National Information Sharing Consortium

Kentucky Emergency Management - Mutual Aid and EMAC Automation



Value of National Information Sharing Consortium

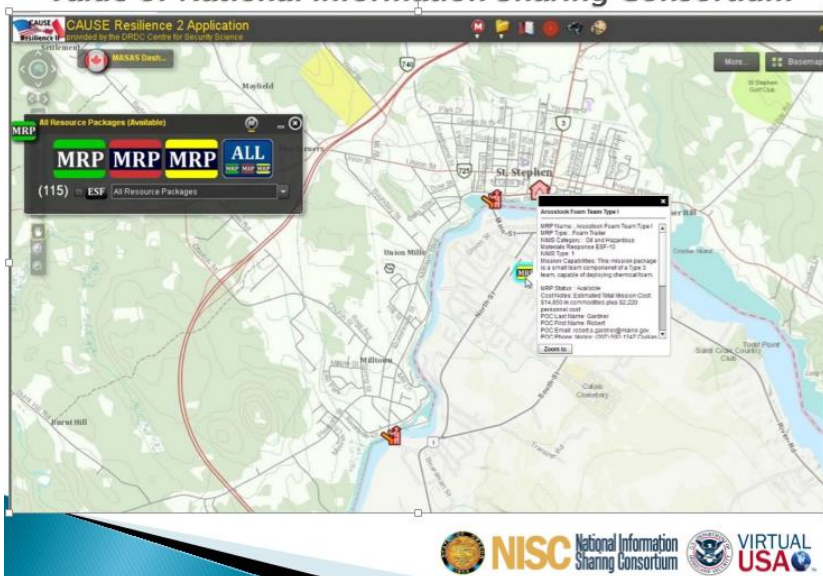
Mission Ready Package Geospatial Tools



Web App

Flex Widget

Value of National Information Sharing Consortium



Value of the Consortium

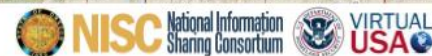
RAPTOR – Access to DHS GII (HSIP GOLD 2011)

The **“MyOregon” Widget** – enables the connection of open and secure REST Services for use within RAPTOR or any other Esri ArcGIS Viewer for Adobe Flex v2.5 or higher



RAPTOR – Access to American Red Cross (Web Map Services)

The **“MyOregon” Widget** – enables the connection of open and secure REST Services for use within RAPTOR or any other Esri ArcGIS Viewer for Adobe Flex v2.5 or higher



Virtual USA Transition

May 31, 2013



The NISC to Champion the Future of Virtual USA® *The NISC Aims to Strengthen Situational Awareness and Interoperability across the Nation*

The National Information Sharing Consortium (NISC) is pleased to announce that it will soon take on administration and oversight of the Virtual USA® (vUSA) Library. The NISC is working with the Department of Homeland Security (DHS) Science and Technology Directorate (S&T) First Responders Group (FRG) to collaborate on other aspects of the vUSA Program as well. The NISC will transition the Virtual Library from a prototype to an operational system based on needs, requirements, and lessons learned from the vUSA pilots and demonstrations that were held by DHS S&T from February 2009 through the present day. The NISC expects to be fully engaged in its governance role by the end of FY 2013. Over time, the NISC intends to play a key leadership role in establishing national situational awareness and information sharing capabilities that benefit public safety, first responder, and emergency management organizations across the nation. In the coming years, that work will expand to include voice and data communications interoperability via converged IP-based networks (like NextGen 911 and FirstNet).



The screenshot shows the Virtual USA website homepage. At the top, it features the 'VIRTUAL USA' logo and the 'Homeland Security Science and Technology' logo. Below the navigation bar, there is a video player with a play button and a 'CC BY-NC-SA' license icon. To the right of the video is a 'Registered Users' section with a login form and a 'Request user access to the vUSA Virtual Library' link. Below the video, there is a section titled 'Virtual USA: The right information, at the right time, for the right people' which describes the system's purpose in emergency response. To the right of this text is a 'Virtual USA Implementation Tool' graphic with a 'Learn More' button.

The screenshot shows the Virtual USA Library interface. It features a search bar and a list of items. The table below is a representation of the data shown in the screenshot.

Title	File type	Posted by	Organization	Partner	Upload Date	Rating
Reactor World News	GeoRSS	Sean McSpadden	Oregon	Oregon	02/04/12 12:05	★★★★★
NWAC/Action News	GeoRSS	Sean McSpadden	Oregon	Oregon	02/04/12 12:09	★★★★★
USGS M's Earthquake	GeoRSS	Sean McSpadden	Oregon	Oregon	02/04/12 12:25	★★★★★
FEMA Region 7 News and Releases	GeoRSS	Sean McSpadden	Oregon	Oregon	02/04/12 12:28	★★★★★
FEMA Region 9 News and Releases	GeoRSS	Sean McSpadden	Oregon	Oregon	02/04/12 12:29	★★★★★
FEMA Region 10 News and Releases	GeoRSS	Sean McSpadden	Oregon	Oregon	02/04/12 12:31	★★★★★
FEMA Region 11 News and Releases	GeoRSS	Sean McSpadden	Oregon	Oregon	02/04/12 12:37	★★★★★
HMN - Idaho	HTML	Ernie OBM	Oregon	Oregon	02/03/12 12:34	★★★★★
HMN - Connect	HTML	Ernie OBM	Oregon	Oregon	02/03/12 12:32	★★★★★
HMN - Homeland Security Information Network	HTML	Ernie OBM	Oregon	Oregon	02/02/12 12:26	★★★★★
TripIt: Contents: OR, WA, ID, CA, MT	ACSD:REST	Ed Endekat	Oregon	Oregon	02/02/12 12:08	★★★★★
ShakeMap	GeoRSS	USGS Representative to DHS, Robert Bowley	U.S. Geological Survey	U.S. Geological Survey	02/02/12 12:06	★★★★★
Earthquake Notification Service	GeoRSS	USGS Representative to DHS, Robert Bowley	U.S. Geological Survey	U.S. Geological Survey	02/02/12 12:09	★★★★★
USGS Global Tide Monitoring Buoy Map Service	ACSD:REST	Oregon Geospatial Enterprise Office, Ed Endekat	Oregon	Oregon	02/01/12 12:39	★★★★★
Public Disaster Center Regional Report	HTML	Oregon Geospatial Enterprise Office, Ed Endekat	Oregon	Oregon	02/01/12 12:38	★★★★★
ORWAC - Action News	ACSD:REST	State of Oregon, Sean McSpadden	Oregon	Oregon	02/01/12 12:17	★★★★★
Public Disaster Center News History	HTML	State of Oregon, Sean McSpadden	Oregon	Oregon	02/01/12 12:12	★★★★★
USGS Office Emergency Operations	HTML	USGS Representative to DHS, Robert Bowley	U.S. Geological Survey	U.S. Geological Survey	02/01/12 12:04	★★★★★
NDEC - Station PORO1 - M2247 - Post Office, OR Observations	GeoRSS	State of Oregon, Sean McSpadden	Oregon	Oregon	02/02/12 12:32	★★★★★
USGS Landslide Hazard Alerts	RSS	State of Oregon, Sean McSpadden	Oregon	Oregon	02/02/12 12:21	★★★★★
City of Portland 911 System Calls	GeoRSS	State of Oregon, Sean McSpadden	Oregon	Oregon	02/02/12 12:01	★★★★★

Virtual USA AGOL Portal



PRESS RELEASE
June 24, 2013

For Immediate Release
Contact: Sean McSpaden, NISC Chair
Sean.McSpaden@niscconsortium.org
541-619-6409

NISC Adopts ArcGIS Online as a Virtual USA® Technology Platform

First Responders Gain Greater Information Sharing Capabilities Across Jurisdictions

Washington D.C.-June 24, 2013-The National Information Sharing Consortium (NISC) has announced it is working with Esri, the world leader in geographic information systems (GIS), on deploying and configuring ArcGIS Online for Organizations (AGOL) to serve as a platform to support the Virtual USA® Program (vUSA). The First Responders Group (FRG) of the U.S. Department of Homeland Security's Science and Technology Directorate developed the vUSA Virtual Library and MyLibrary Widget technologies in 2009 to enable multi-jurisdictional and multi-discipline information sharing across all levels of the homeland security enterprise to provide decision makers the information they need in a timely fashion. The NISC has partnered with FRG to provide governance and administration of vUSA technologies.

A screenshot of the Virtual USA AGOL Portal interface. The top navigation bar includes 'HOME', 'GALLERY', 'MAP', 'GROUPS', and 'MY CONTENT', along with a search bar containing the text 'Find maps, applications and more...'. The main content area features a large graphic of the American flag with the NISC logo and 'VIRTUAL USA' text. Below this are four map thumbnails: 'NORFOLK STORM 2013: School Closings', 'NORFOLK STORM 2013: Road Debris', 'NORFOLK STORM 2013: Live STORM Data', and 'NORFOLK STORM 2013: Evacuation Status'. A red banner below the maps reads 'The right information, at the right time, for the right people'. Below the banner is a section titled 'About Virtual USA' with two paragraphs of text.

HOME GALLERY MAP GROUPS MY CONTENT Find maps, applications and more... Q

NISC National Information Sharing Consortium VIRTUAL USA

NORFOLK STORM 2013: School Closings NORFOLK STORM 2013: Road Debris NORFOLK STORM 2013: Live STORM Data NORFOLK STORM 2013: Evacuation Status

The right information, at the right time, for the right people

About Virtual USA

In an emergency, reliable information is a decision maker's most important asset. Virtual USA enables data users, owners, and custodians to more quickly find, share, and analyze data—allowing them to make better decisions based on more complete information.

The Virtual USA portal provides the data pipeline that allows partners to share critical information between geospatial viewers. The success of Virtual USA rests not only on technical capabilities, but on existing relationships among a community of practitioners at all levels who agree to collaborate to improve situational awareness and emergency response.



NISC Strategic Plan

Adopted in July 2013 – Goals:

1. Enhance national situational awareness capabilities
2. Enhance and standardize national information sharing capabilities by maximizing access to and the use of available data
3. Provide support to EMAC and mutual aid efforts across the nation
4. Sustain the NISC as an independent consortium

Download the 2013-2017 NISC Strategic Plan at www.nisconsortium.org

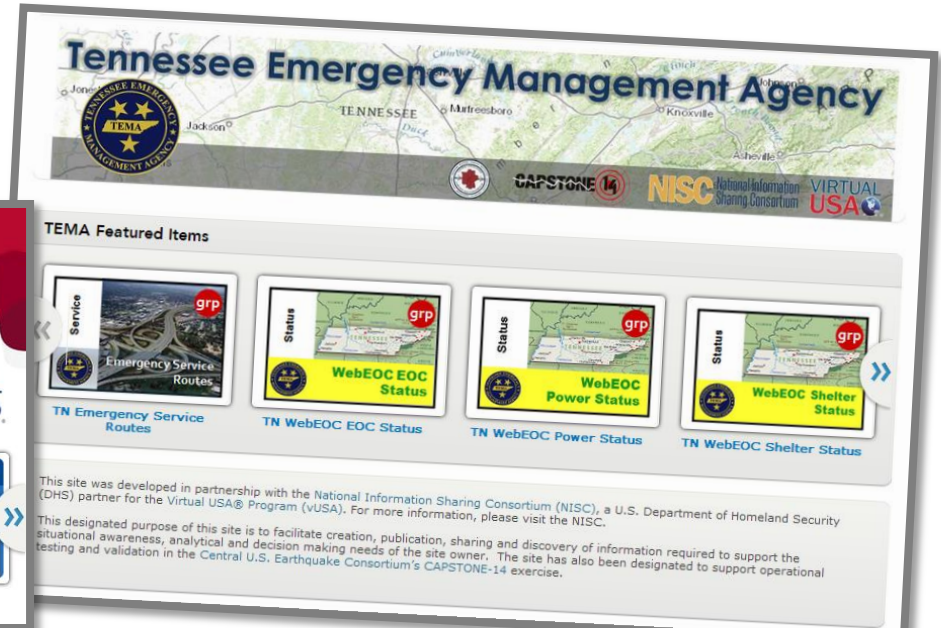


CURRENT NISC ACTIVITIES

VIRTUAL USA®

- Governance in partnership with DHS FRG
- Pilot of ArcGIS Online as an information sharing platform through the Central U.S. Earthquake Consortium's **CAPSTONE-14** exercise
- Exploration of a public safety cloud computing environment

Contact virtualusa@nisconsortium.org
for more information



CURRENT NISC ACTIVITIES_(cont)

CAPACITY BUILDING

- Incident Management Information Sharing (IMIS) Committee
 - Sub-committee of the White House Information Sharing and Access Interagency Policy Committee
 - IMIS Capability Maturity Model (CMM)
- NISC Technology Interoperability Working Group
- Private Industry Advisory Council

MEMBER ACTIVITIES

- Information sharing webinars
 - GeoCONOPS: What It Means for State and Local Officials—Nov. 14*
- Data and technology code sharing
 - Member sharing portal in progress*

Contact info@nisconsortium.org to submit webinar ideas or find out about how to share data and technology through the NISC

NISC National Information Sharing Consortium

Cross Border Information Sharing Pilots

Canada - U.S. Resiliency Experiment II (CAUSE II)

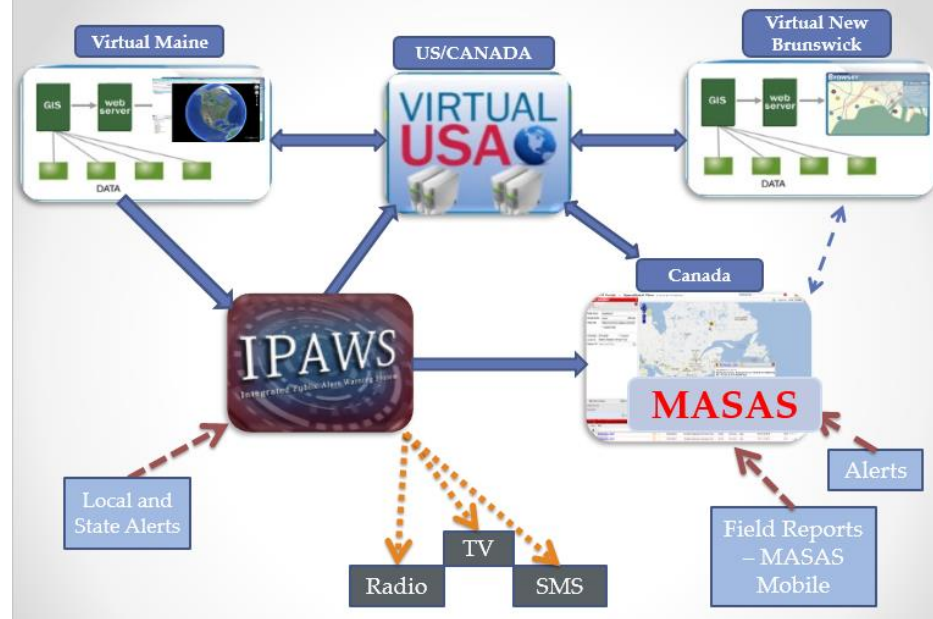


Government of Canada / Gouvernement du Canada

Canada



Homeland Security



Sharing tools and best practices to improve situational awareness and interoperability

Value of the Consortium



Contact Us | M

Home About Membership Events & Presentations Media News Archive Partner Highlights

Welcome to the NISC!

Sharing tools and best practices to improve situational awareness and interoperability.



- 64 Member Organizations to date
- Representing 100 + State & Local Government, Academic, Non-Governmental and Private Industry Partner Organizations in U.S. & Canada...and beyond...
- Current Focus – Public Safety
- Future Focus – All areas of Government

Voluntary, Reciprocal Sharing:

- Governance Documents
- Information Sharing Plans & Methods,
- Standard Operating Procedures (SOPs)
- MOAs & Contract Terms & Conditions
- Software code/documentation
- Virtual Library and vUSA AGOL Portals



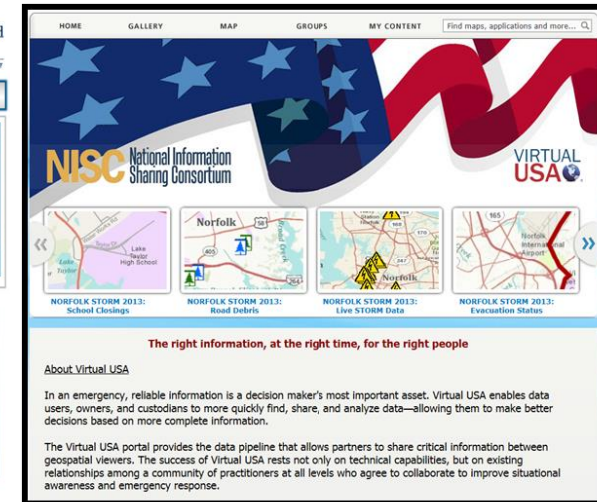
Virtual USA:
The right information, at the right time, for the right people

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The Virtual USA Web site provides the data pipeline that allows partners to share critical information between geospatial viewers. The success of Virtual USA rests not only on technical capabilities, but on existing relationships among a community of emergency managers at all levels who agree to collaborate to improve situational awareness and emergency response.

Learn more about Virtual USA

- How states' geospatial visualization systems are revolutionizing emergency preparedness and response
- What happens when a regional emergency requires a coordinated response
- How Virtual USA helps responders exchange critical information quickly and securely within a trusted community



Join Us!

TO JOIN

- **Members join on behalf of their organization**
 - Note: The sharing of any resource, data set, or technology code is completely voluntary
- **Request a copy of the MOA**
 - Send an e-mail request to info@nisconsortium.org, or
 - Submit a request through our web site:
www.nisconsortium.org
- **Sign and submit your MOA**
 - Submit to sean.mcspaden@nisconsortium.org and info@nisconsortium.org

NISC National Information Sharing Consortium

Thank you!

For more information about the NISC...
visit www.nisconsortium.org

Send questions/feedback to:
info@nisconsortium.org OR

Sean.McSpaden@nisconsortium.org