Improving Resiliency w/Better Data

An Initiative of the
The Sensitive Information Sharing Environment (SISE) Working Group
Speakers

• Tom Moran  
  • Executive Director, All Hazards Consortium

• Kent Kildow  
  • Chief Business Continuity, Verizon, Chair SISE WG

• Mike Zappone  
  • Resource Acquisition Manager, Eversource Energy, Chair, Multi-State Fleet Response WG

• Tom O’Reilly  
  • Executive Director, The Police Institute, Rutgers University, AHC Board Member
What Created SISE?

Public/Private Disaster Coordination & Information Sharing

- Weather Forecasts (Snow, Ice, Tornado, Hurricane)
- Coastal Flooding / Surges
- Security (Looting, Active Shooter, etc.)
- Flooding / Surge / Tidal
- Food / Water
- Weigh Stations Open/Closed
- Building Supplies / Retail Stores
- Toll Stations Open/Closed
- US/Canadian Border Crossing
- Power Outages & Restoration
- Critical Infrastructure Locations (Towers, Pipes, Buildings, Underground Assets)
- Transportation (Road, Bridge Tunnel Closures)
- Lodging Availability
- Damage Assessment Data (Satellite Imagery, Drone Pics, etc.)
- Drone / UAS Data
- Oversized Vehicle Routes
- Social Media (disaster incident related)
- Access & Reentry (for repair crews to get into impacted areas)
Why Was SISE Created?

Lack of Trusted, Sustainable Private Sector Framework...
To Share Private Sector Information...
With government...

- Government Funded Portals
- Loss of Funding
- No Private Sector Control
- Government Policy Shifts
- Grants Die Off
- Retirements
- No Long Term Sustainability
- Elections
- Staff Turnover
- Exposure to Risk
How Was SISE Created?

2015 DHS Science & Technology Grant for Identity Management based Information Sharing Using PIV-I Cards w/States & Companies

DHS S&T PIV-I Pilot Project

Working Group

Public/Private Agreement

Initial Trust Framework Design

PIV-I Portal

PIV-I Credentials
SISE Today

Public/Private Funded
Private Sector Operated & Sustained Long-term

SISE Working Group (Governance)

3 Stage ID Vetting w/2Factor Authentication (Technology & Process)

SISE Confidentiality Agreement (Legal)

SISE Trust Framework (Policy / Process)

SISE Apps Store (Technology)

Credentials Credit Cards (Technology & Process)
Who Are SISE Advisors & Stakeholders?
Long Term SISE Strategy

SISE Framework Using ORL Standard

Operational Coordination
(Multi-State and Multi-Sector Operational Coordination on Operational Delays & Work Arounds)

Data Analytics, Modeling & Exercises
(Creating What If’s, Monitoring Rolling Costs of Response, Determining Cascading Impacts & Supply Chain Disruptions, Support Exercises)

Subscribers

Private Sector

State/Local EOCs

State/Local Fusion Centers & DOTs

Federal Dashboards (FEMA, DHS NICC, DOE, etc..)
SISE Products

The SISE Trust Framework of Legal, Policy, Process, & Technology

SISE Apps Store

SISE Apps, Ops Guides, 3rd Party Solutions

SISE Identity Vetting & Verification Process

3DM
Data Driven Decision Making
Daily Disaster Dashboard
(NOAA / GeoCollaborate)

Consolidates government & industry data for power restoration
SISE Products

Multiple dashboards by sector, state, use case, resources.. For faster data driven decision making
SISE Products

Reduces delays crossing the US/Canadian border

In an effort to help streamline the processing of Canadian Utility workers entering the U.S., CBP has established below mailboxes for request submittals:

Requests for the State of Maine:
BOSCAN UW Maine@cbp.dhs.gov

Requests for the States of Vermont and New Hampshire:
BOSCAN UW Vermont@cbp.dhs.gov

For U.S. utility companies that are requesting support from Canada, it is recommended that you continue to use the attached border crossing form to speed the vetting process.

Please note that the only change is that the Boston Field Offices’ approval will no longer be required in order to process these requests. All requests should be sent to the mailboxes above and the local Port of Entry will have the final determination for admission into the U.S.

I apologize if I have missed anyone; please pass this along to your peers.
SISE Products

Consolidates state/federal declarations in single place

STORM Central

Access to centralized government documents for regional incidents, storms and emergencies (disaster declarations, waivers, and guidance)

How To Use This Page

STEP #1
Hover your mouse over the “STORM Central” button on the navigation bar

Step #2
Select the event you would like to view
SISE Products

Disaster response fleets can use EZPASS lanes w/out transponders on every vehicle
Why SISE Works?

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