



Brown Bag Lunch Seminar

## Environmental Intelligence Collaboration

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# GeoCollaborate™

A new technology for a new era

- ✓ **ENABLES** data sharing between disparate COPs
- ✓ **TRANSFORMS** data into knowledge
- ✓ **FACILITATES** use of data
- ✓ **DECISIONS** made quickly and effectively
- ✓ **ACCELERATES** research into operations
- ✓ **VIRTUALIZES** operations center
- ✓ **COMPLIES** to PEOs, OSTP memos, PPDs



# Challenge of "Big Data"

## Environmental Intelligence Needs Collaboration

We are inundated with data.

Every second counts to make critical, data-driven decisions.

But it's not easy to do.

Until now.



"The National Weather Service's (NWS) 'We can't access and display their new mission systems are different which information because we can't get it Decision-based (IDSS) makes it difficult to share information.' into our system." partners..."

- All Hazards Consortium
- Maryland Emergency Management Agency
- NOAA National Weather Service (NWS) Roadmap v2.0



# Presidential Executive Order 13653

## Environmental Intelligence Requires Collaboration

“The Federal Government must build on recent progress and pursue new strategies to improve the Nation's preparedness and resilience. In doing so, agencies should promote:

- 1) engaged and strong partnerships and information sharing at all levels of government;
- 2) risk-informed decisionmaking and the tools to facilitate it;
- 3) adaptive learning, in which experiences serve as opportunities to inform and adjust future actions; and
- 4) preparedness planning.”

Presidential Executive Order 13653  
Preparing the United States for the Impacts of Climate Change



# "Apple" of GIS



## GeoCollaborate™

Transforms the Data Experience:

- User-friendly
- Transforms complex to simple
- Real-time, anytime
- Anywhere
- Interoperability across disparate platforms
- Data is distributed and saved
- Process is recorded
- Decision-making is expedited



# StormCenter Communications, Inc. GeoCollaborate™

- 15-year+ business
- Born from NASA Research
- Pathway of innovation via government grants and agencies
- Patent-pending Technology
- SBIR Phase I, II, II-E and III contracts (sole source)
- NOAA Task Orders issued under IDIQ contract



# GeoCollaborate™ Live Demo



# Supporting NOAA as the Environmental Intelligence Agency

## Solves Key NOAA Challenges.

- ENABLES sharing between COPs
- TRANSFORMS data into knowledge
- FACILITATES use of data
- DECISIONS made quickly
- ACCELERATES research into operations
- VIRTUALIZES operations center
- COMPLIES to PEOs, OSTP memos, PPDs

## Easy to Implement Now.

- NOAA's choice
- Sole source in SBIR
- Patent-pending
- 5+ years of development
- Ready to implement



# Next Steps

## We can help across NOAA

- Implement GeoCollaborate™
- Schedule additional demos

## Contact Info

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5-year sole source SBIR Phase III IDIQ Contract:  
**DG-133W-13-CQ-0041**

