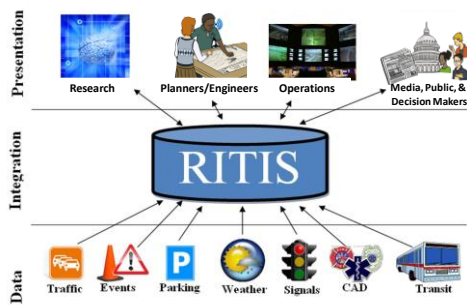
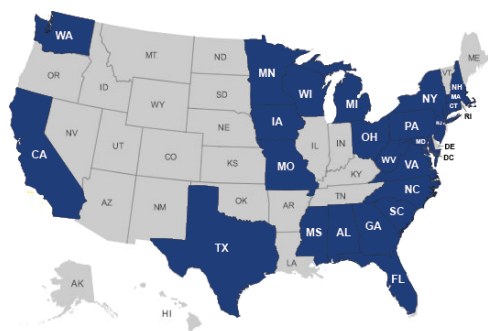
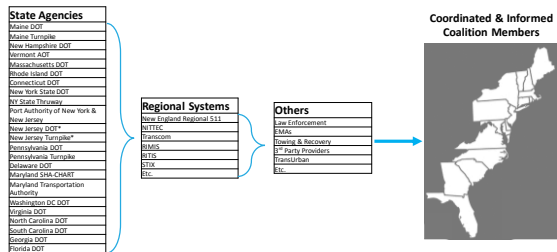


# RITIS Platform

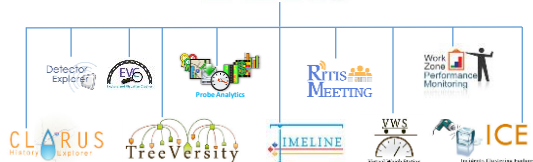
Transportation Visualization & Analytics



# Integrating the State & Regional Systems



# RITIS

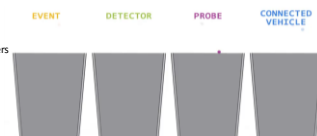


# Existing Transportation Data

- One of our Systems Today:
  - Traffic accidents: 40,000 records per day: 0.001 Gb/day
  - Traffic detectors: 35,000,000 records per day: 5 Gb/day
  - Probe vehicle data: 5,400,000,000 records per day: 550 Gb/day
  - CCTV, weather, radio, etc: NO,STA,TSK,EPT records per day: ??? Tb/day
  - V2X & Automation data: 7,???,???,???,??? records per day: ??? ?b/day

### This data is:

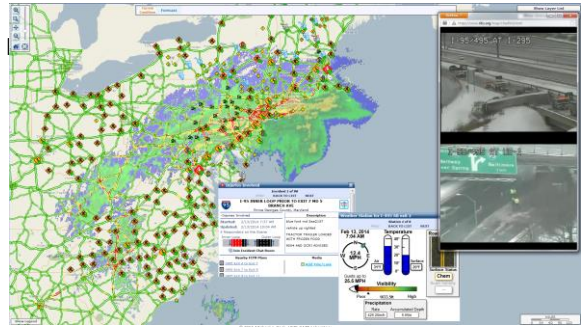
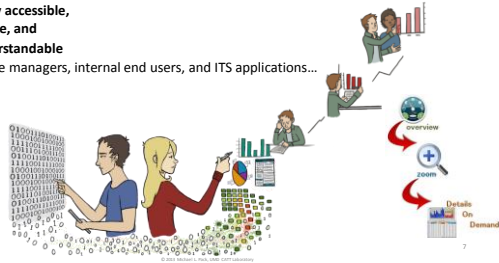
- Redistributed in Real-Time to Coalition Members through
  - Websites
  - Data Feeds
  - Permanently Archived
  - Used for Analytics and Performance Measures
  - Growing Suite of tools



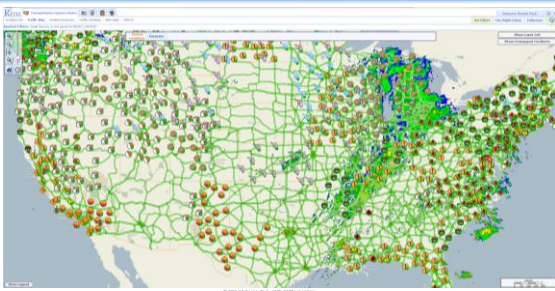
### Our goal has been to...

- Provide tools to make agency data
  - easily accessible,
  - usable, and
  - understandable

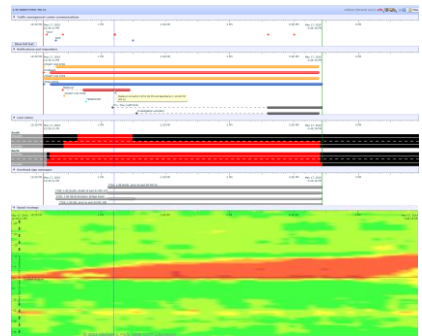
To these managers, internal end users, and ITS applications...



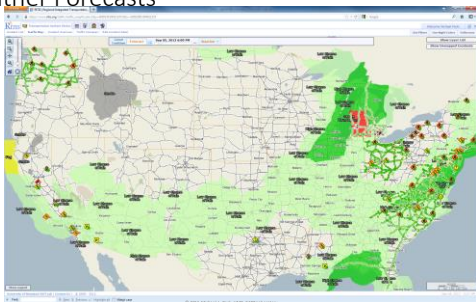
### Nationwide Support



Real-time & Historic Timeline of Incident Activity



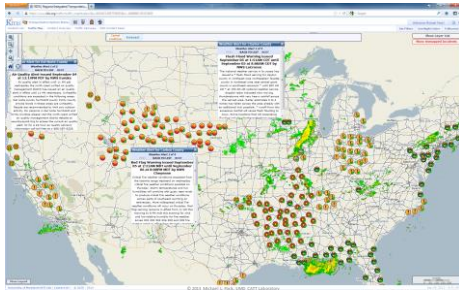
### Weather Forecasts



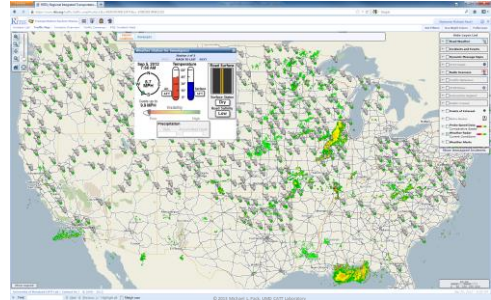
### Temperature Forecasts



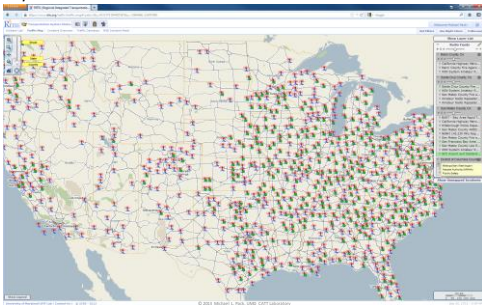
### Weather Alerts



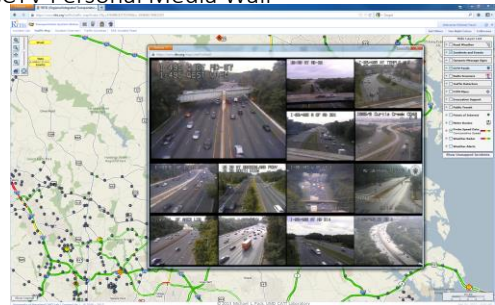
### Road Weather Data



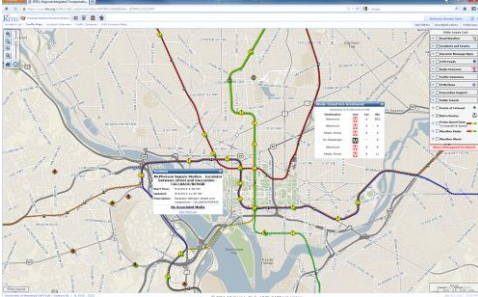
### Radio/Scanners



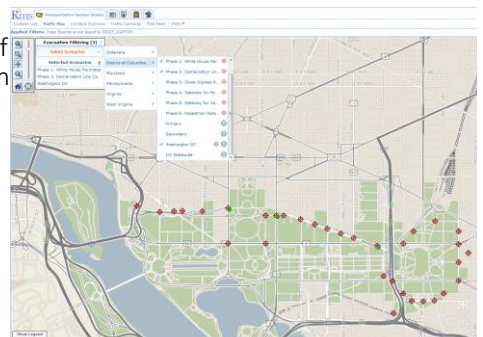
### CCTV Personal Media Wall



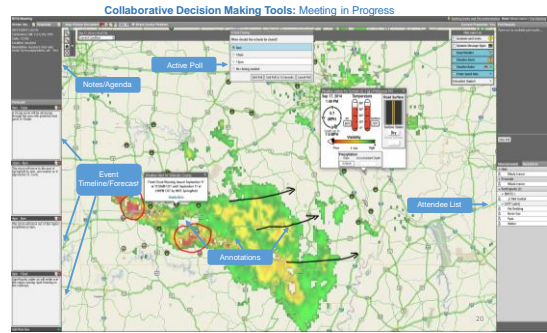
### Transit



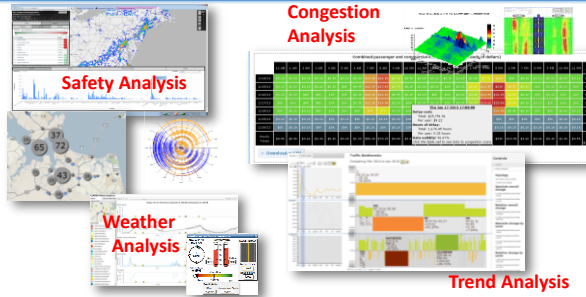
### Filtering of Evacuation Data



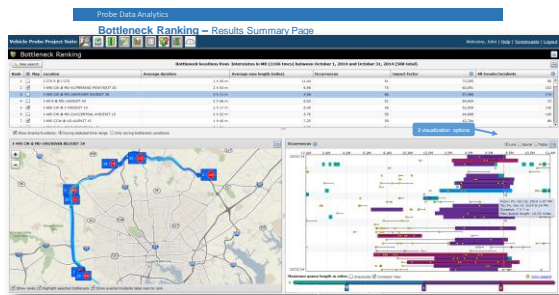
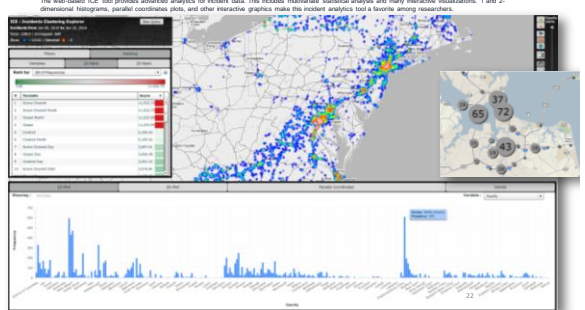
### Significant Event Coordination



### A Growing Suite of Empowering Visual Analytics



### Incident Cluster Explorer (ICE)



### Bottleneck Ranking - Additional Visuals & Causality

