

# Data Coordination and Display During a Disaster Event



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## Scenario:

- You have a disaster of epic proportions in your area and you need to get and display data that could help the decision makers do their job, what do you do?
- That is a two part problem so I will handle each issue separately

# Ice Storm February 2009

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## Data Available and/or Required

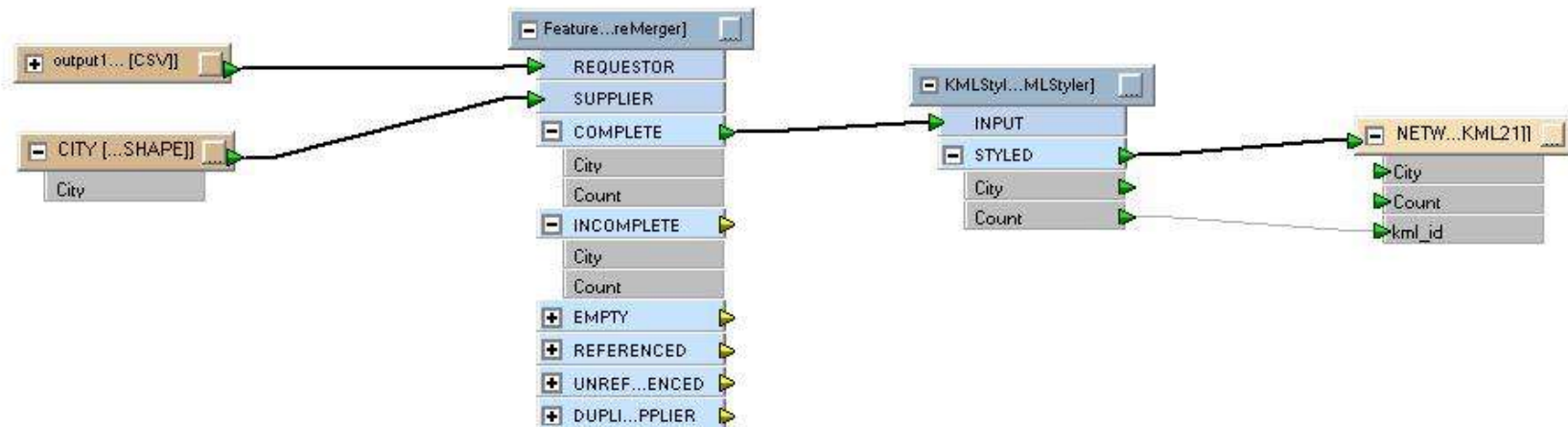
- Current radar
  - Google's weather layer
- Weather alerts
  - NOAA
    - <http://www.srh.noaa.gov/data/radar/poly.kml>

- Network outages
  - Number of outages per site
  - Provided by the network team
- Law enforcement radio tower status
  - Down
  - Running on generator
  - Provided by the AWIN team

- We developed workbenches to bring in the Network & Law Enforcement CSV files and output them to KML with specific icons and colors so they would be easily distinguishable on the map
- It was complex and really hard to do...

# Displaying the Data

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- Currently the outputted KML files are located on a file share, at some point in the future we will create a KML service on FME Server
- We are also going to develop a web map so the users do not have to have Google Earth installed

- The decision makers were able to make timely decisions regarding when and where to use the limited resources available
- The end result has been **VERY** successful and has been setup permanently for our operation center, emergency management, and department managers

# Thank You!

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- Questions?
  
- For more information
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    - <http://www.gis.state.ar.us/>
  - GeoStor 6.0 Beta
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