

# Kentucky Information Fusion Center Disparate Data Integration, Analysis, and Visualization

Modeling and Simulation Group

Computational Sciences & Engineering Division



## Problem Statement:

- The Kentucky Information Fusion Center is required to interdict, plan, and perform consequence management in regard to the total homeland security threat profile.

## Technical Approach:

- Integration of multiple fixed and mobile weigh station based radiation and chemical inspection stations and integration of IP based video management. Data provision via a geospatial visualization interface, WebEOC, and the DHS Joint analysis Center.

## Benefit:

- The information architecture examines requirements, information flows and fusion, and demonstrates an interoperable, standards-based implementation which provides a seamless transfer of data between federal and state organizations, orderly transition from interdiction actions to consequence management actions, and common on-scene awareness throughout the responding communities.

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