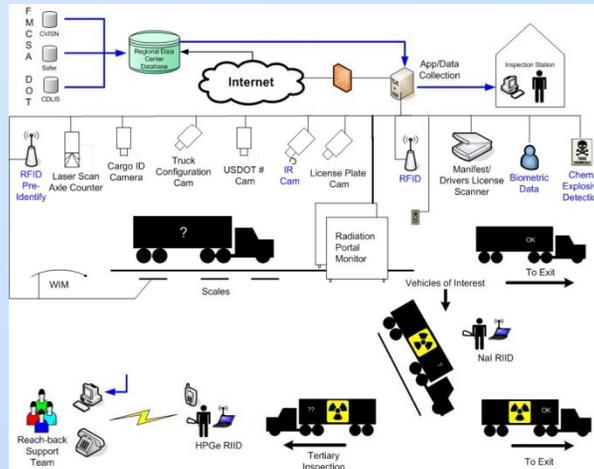


SensorNet Southeast Transportation Corridor Pilot Program

Data Systems Sciences & Engineering Group

Computational Sciences & Engineering Division



- **Problem Statement:**

- Monitor commercial transported radiological/nuclear shipments in domestic commerce using existing highway and inter-modal infrastructure, to include weigh stations and other vehicle transportation portals

- **Technical Approach:**

- Detection and identification through mobile and statically deployed platforms and a process for adjudication and monitoring of commercial vehicle inspection radiation detection events
- Large scale data exploration constrained by wall-clock time to provide decision support

- **Benefit:**

- Improve detection and reporting capabilities in states where it exists, and create capabilities in states where it does not exist
- Leverages existing radiation emergency mutual assistance plans

- **Technology Readiness Level 9**



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