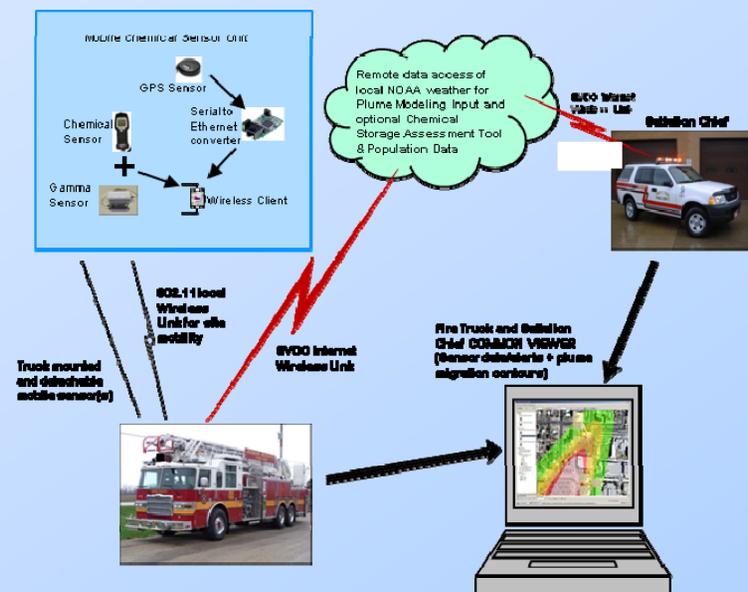


SensorNet for Fire and First Responders

Data Systems Sciences & Engineering Group

Computational Sciences & Engineering Division



- **Problem Statement:**

- An economic detection system is needed to provide a high-confidence, early warning alert for releases of toxic industrial chemicals for fire fighters and first responders

- **Technical Approach:**

- The SNIFFER sensor system includes modular replacement sensors for different types of detection needs
- The system is operational under fire conditions and portable for positioning within the working area of the first responders

- **Benefit:**

- The alerting and advisory data provides fire fighters with actionable information at the first signs of a hazardous chemical release
- Plug-n-play capable system allows rapid integration of different sensors

- **Technology Readiness Level 9**

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