


# Product Overview

## BLUEHAWK™ SENSORS

Advanced Non-Contact Detection of  
Liquid Hydrocarbon Leaks & Spills

CFRS™ | Long Range | Real-Time Alerts | Fixed or Mobile Deployment

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### Challenge: Protecting Critical Assets from Liquid Hydrocarbon Leaks, Spills & Contamination

Oil & fuel leaks, spills, and contamination in industrial facilities pose serious risks to people, operations and ecosystems. Traditional detection methods may miss thin sheens, have limited coverage, generate false alarms, require frequent maintenance, need contact with liquids, or respond too slowly.

### Solution: Advanced Non-Contact, Long-Range Detection of Oils, Fuels & Other Liquids

**BlueHawk™ Sensors** detect hydrocarbon leaks and spills with high sensitivity across diverse facilities & critical infrastructure. Leveraging multispectral fluorometry and patented CFRS™ technology, these sensors detect hydrocarbons on equipment surfaces, ground & water—enabling breakthrough monitoring applications beyond the reach of many traditional technologies.

### Key User Benefits

- **Early Detection:** Rapidly identifying threats helps prevent environmental incidents, safety hazards & costly cleanups
- **Safety & Compliance:** Supports regulatory compliance, safety protocols and environmental stewardship
- **Low-Maintenance Monitoring:** Non-contact operation eliminates sensor fouling and minimizes disruption, delivering consistent data ideal for continuous monitoring
- **Real-Time Control:** Continuous data and automated alerts enable immediate shutdown procedures, rapid safety responses, and timely operational adjustments
- **Improved Efficiency:** Reduce manual inspections and site interference while eliminating detection delays
- **Flexible Installation:** 0.7 to 30+ ft away from monitored surfaces on fixed, pan-tilt, or mobile monitoring platforms
- **Large Area Coverage:** Monitor up to 1,600 sq ft from a single installation point—protect more area with fewer units
- **Hazardous Area Ready:** Available in standard and HazLoc/ATEX enclosures for explosive environments
- **Scalable Networks:** Multiple sensor configurations to match facility complexity and monitoring requirements



Industrial leak & spill detection



Sump monitoring



HazLoc area monitoring



Port water monitoring