



THREAT DETECTION LEAK DETECTION GEOHAZARD MONITORING

SEE THE DIFFERENCE

in pipeline integrity





Upgrade your ROW patrols with
industry leading AI & remote sensing

IMPROVE SAFETY & COMPLIANCE

- ▶ Improves leak, threat, and geohazard detection for faster response while reducing operational impacts
- ▶ Pinpoint accuracy reduces mobilization frequency and associated risks
- ▶ Reduces man-hours required for audits and compliance reporting

▶ *This technology doesn't just help us meet regulations, it transforms how we manage our pipelines by providing better data, reducing risks, and saving costs across multiple programs.* ▶

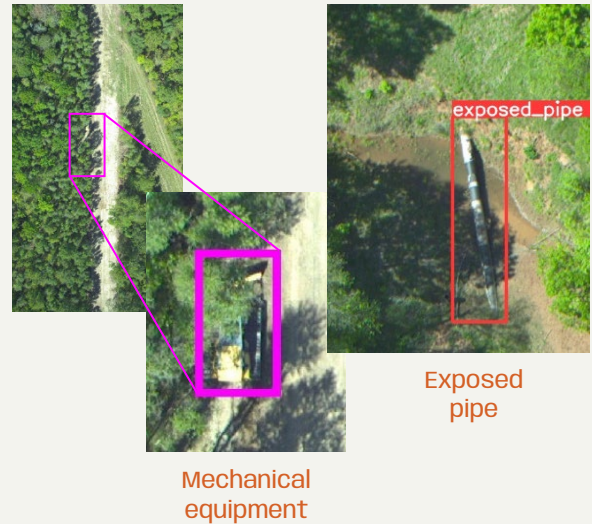
Traditional Air Patrols miss **33% of threats**

PRCI Airborne threat detection... 2017

THREAT DETECTION & GEOHAZARDS

Flyscan improves threat detection with real-time notifications and pinpoint GPS accuracy for rapid response.

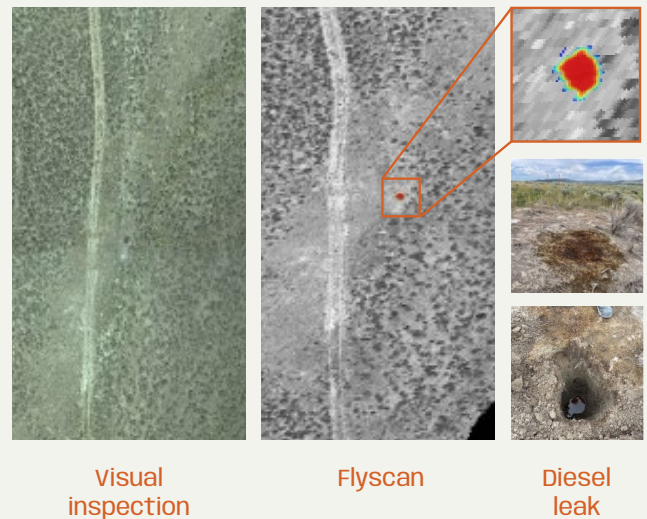
- ▶ Detect third-party activity, exposed pipes, and agricultural operations before incidents occur.
- ▶ Receive instant notifications via text, email, or ticketing integrations for faster responses.
- ▶ Advanced sensors identify erosion, soil movement, and river crossing changes.



INDUSTRY-LEADING LEAK DETECTION

The first solution to detect small leaks—crude oil, gasoline, diesel, or jet fuel—during aerial patrols that are virtually invisible to the naked eye.

- ▶ Detect seepers liquid leaks early to prevent major environmental damage, safety risks, compliance issues, and costly remediation efforts.
- ▶ Identify leaks below traditional CPM/SCADA thresholds with unmatched accuracy.



The system successfully identified a small 50-barrel release with a leak rate below 0.1 barrels per hour—far below traditional detection thresholds. This early detection prevented environmental damage and reduced risk to public safety.



FLYSCAN EMPOWERS RISK REDUCTION & COST SAVINGS IN PIPELINE OPERATIONS

Risk reduction

- ▶ Detect seepers leaks early - remediation costs avoidance
- ▶ Prevent 3rd party damage and detect activity
- ▶ Detect unknown exposed pipes
- ▶ Detect erosion and soil movements
- ▶ Detect risky agriculture activity: soil scars, drainage coils
- ▶ Automate post-weather inspections

Cost reduction

- ▶ Reduce ROW vegetation clearing costs by up to 50%
- ▶ Reduce time wasted searching for ROW intruders
- ▶ Offset third-party imaging costs
- ▶ Offset LIDAR acquisition costs for specific cases
- ▶ Automate depth of cover surveys
- ▶ Automate and centralize vegetation analysis
- ▶ Automate class location analysis