



Enhanced Wildfire Situational Awareness for the Utility Industry

Pano AI Overview for Kansas Corporate Commission

April 24, 2026



Who We Are

The Enterprise Solution for Wildfire Intelligence

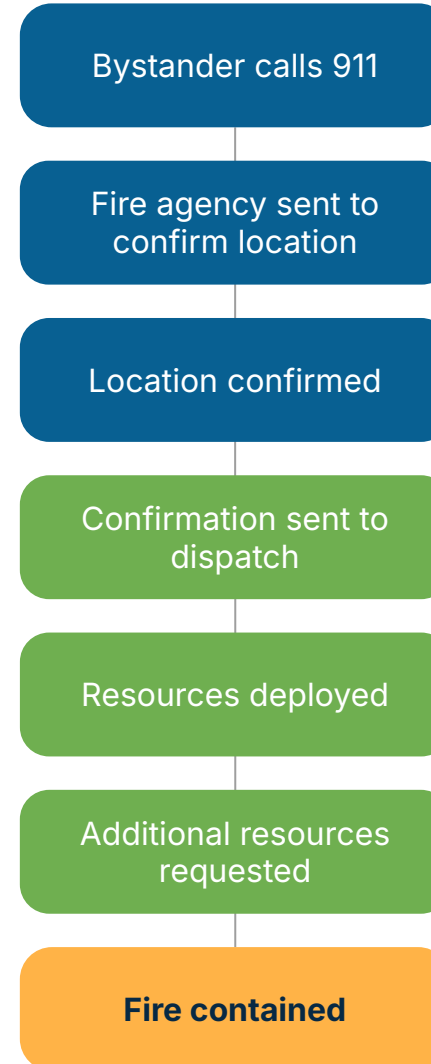
Combining hardware, AI, and web-based software, Pano provides an easy-to-use platform for wildfire detection and response.



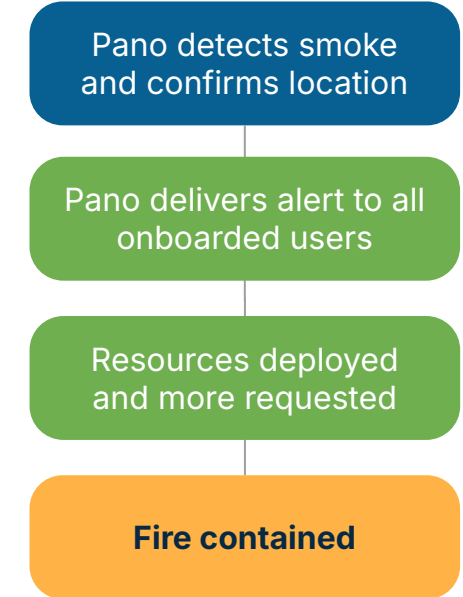
When Every Minute Counts, Pano Makes a Difference

With drier conditions and stronger winds, lost minutes make the difference between containment or catastrophe.

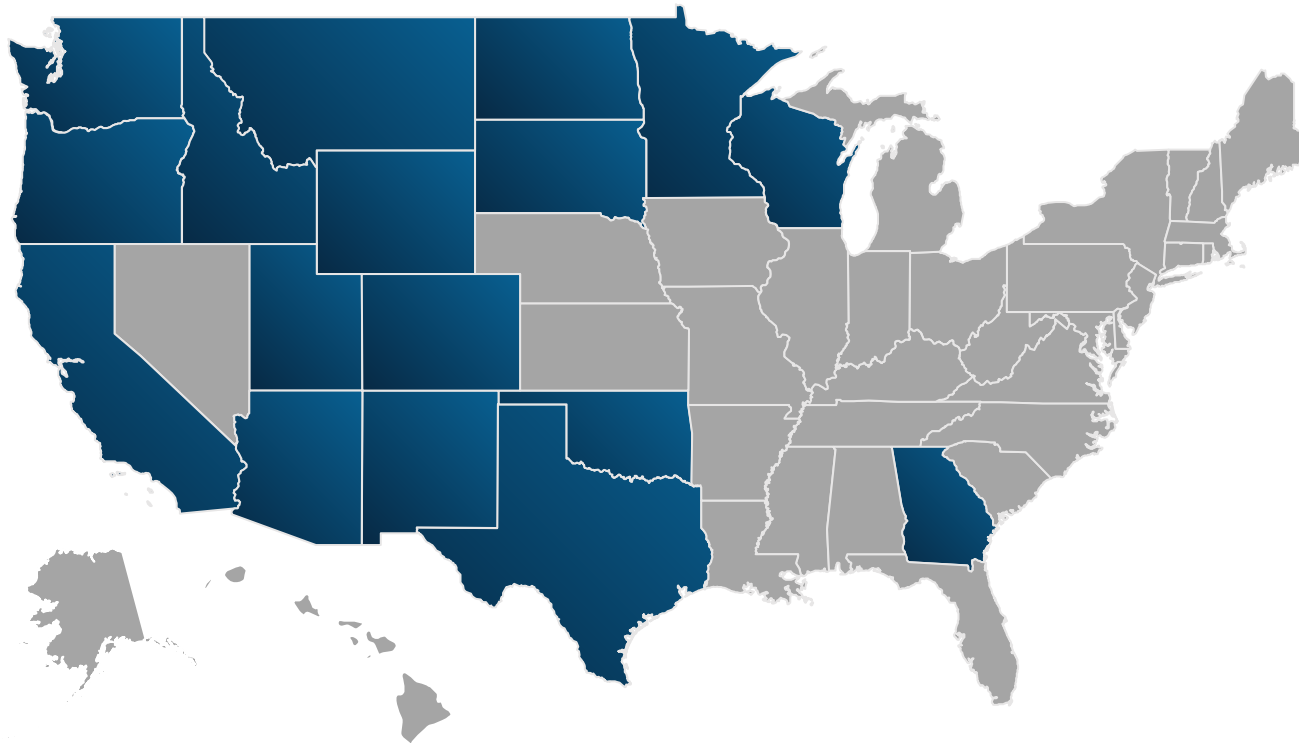
Legacy



Pano



Operating in 17 States and Growing



Current
Deployments

Utilities & Renewables



Government

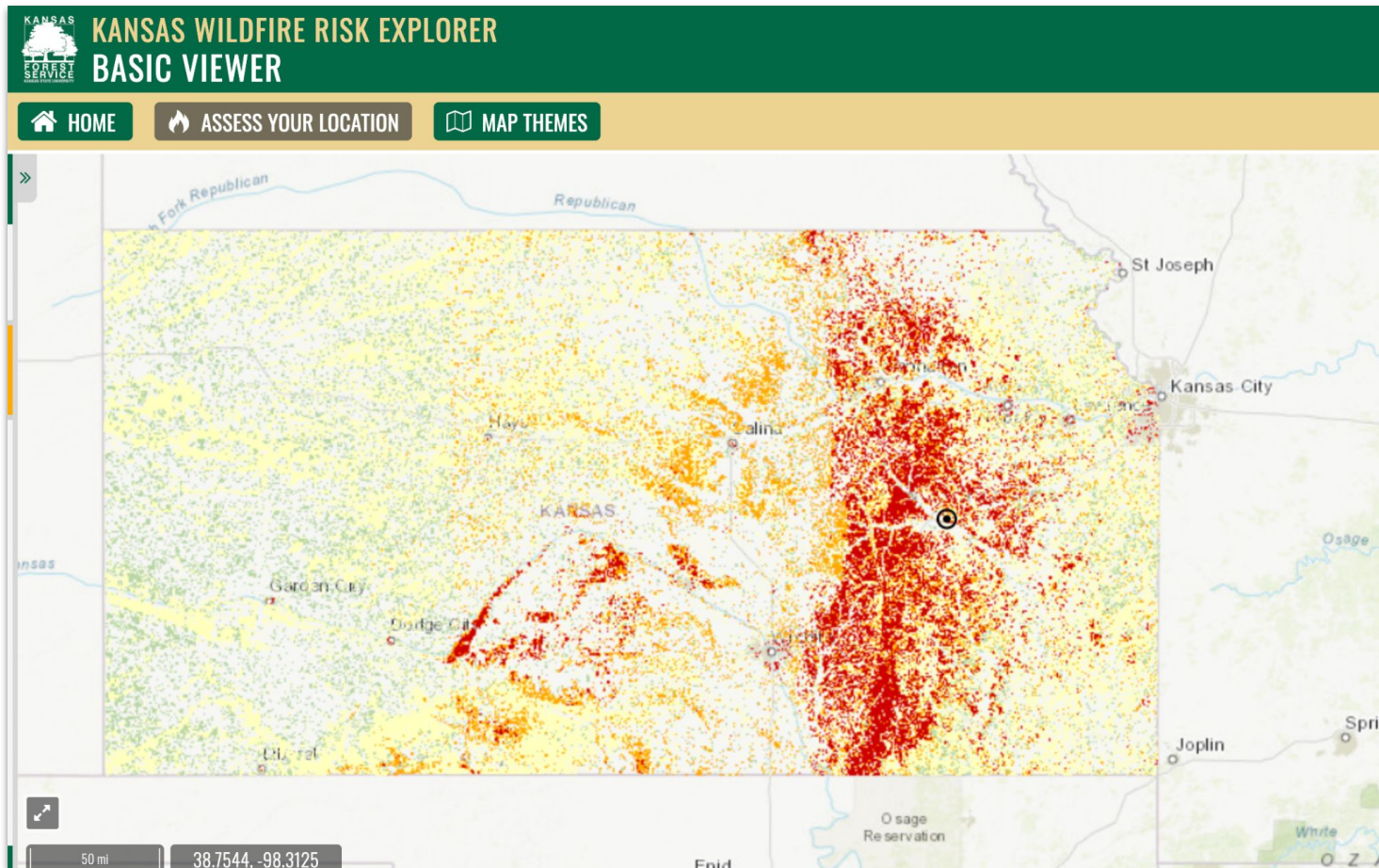


Landowners & Resorts



Wildfire Risk Across Kansas

Data from the Kansas Forest Service Wildfire Risk Explorer shows concentrated wildfire exposure across central and eastern Kansas, particularly across grassland regions and transmission corridors.



- Kansas experiences frequent grassland and wind driven wildfire events
- Elevated exposure across central and eastern counties
- Risk often overlaps transmission and rural distribution corridors
- Increasing focus on utility mitigation and detection strategies

Other Considerations Related to Wildfire Risks

Affordability

Wildfire costs are growing and having an impact on customer bills

This impacts:

- Customer Bills
- Utility Financial Health
- Reliability and Resilience of Grid

Managing risks and affordability means understanding the value of different technologies and uses

ENERGY

A Wildfire Is Coming for Electricity Bills

Forget data centers. Fire is expensive in

ROBINSON

Wildfires (& storms) motivate **proactive** action to reduce damage; > 4 ¢/kWh price impact in CA, growing throughout West

Recent Estimates of Utility Wildfire Mitigation Costs

Utility	State	Equivalent Impact (¢/kWh)	Scope
PG&E	CA	5.0	actual price: mitigation & liability
SDG&E	CA	4.7	actual price: mitigation & liability
SCE	CA	3.3	actual price: mitigation & liability
KIUC	HI	1.7	proposed cost: mitigation
Hawaii Electric	HI	1.5	proposed cost: mitigation
PSCo	CO	1.5	estimated price: mitigation
Rocky Mountain Power	UT	0.7	proposed cost: mitigation
PGE	OR	0.6	actual price: mitigation
Rocky Mountain Power	WY	0.6	actual price: mitigation & liability
Idaho Power	ID	0.4	proposed cost: mitigation
Pacific Power	OR	0.4	actual price: mitigation
Northwestern	MT	0.4	estimated price: mitigation
APS	AZ	0.3	actual cost: mitigation
Nevada Power-North	NV	0.3	actual price: mitigation
AEP Texas	TX	0.3	actual cost: mitigation
Avista	WA	0.2	actual price: mitigation
Oncor	TX	0.2	actual cost: mitigation
PNM	NM	0.1	actual price: mitigation & liability
PSE	WA	0.1	actual price: mitigation & liability
SPS	TX	0.1	actual cost: mitigation
Nevada Power-South	NV	0.0	actual price: mitigation

Source: LBNL, * Created with Datawrapper

Includes recent (2025) or projected (2026-2028) estimates for subset of utilities, some actual and some proposed. Data are not fully comparable: sometimes includes price impacts, other times total costs normalized by sales. Most only cover mitigation costs, but some also include liability insurance. Data should only be used to illustrate wide range of and significant impacts.

Sources: Review of regulatory filings and tariffs, for subset of utilities

Pano AI Overview



Pano: A Turnkey Early Detection & Situational Awareness Solution

Combining hardware, artificial intelligence ("AI"), and web-based software in a single easy-to-use platform



Cutting-Edge Hardware & Data Integration

Dual ultra-HD cameras designed to capture a 360° panorama every minute, coupled with integration of 3rd party data such as weather data and satellite imagery.



AI Detection Backed By Human Intelligence

Pano's AI monitors for the first indications of fire 24/7, backed by Pano Intelligence Center wildfire detection analysts who review footage and confirm incidents

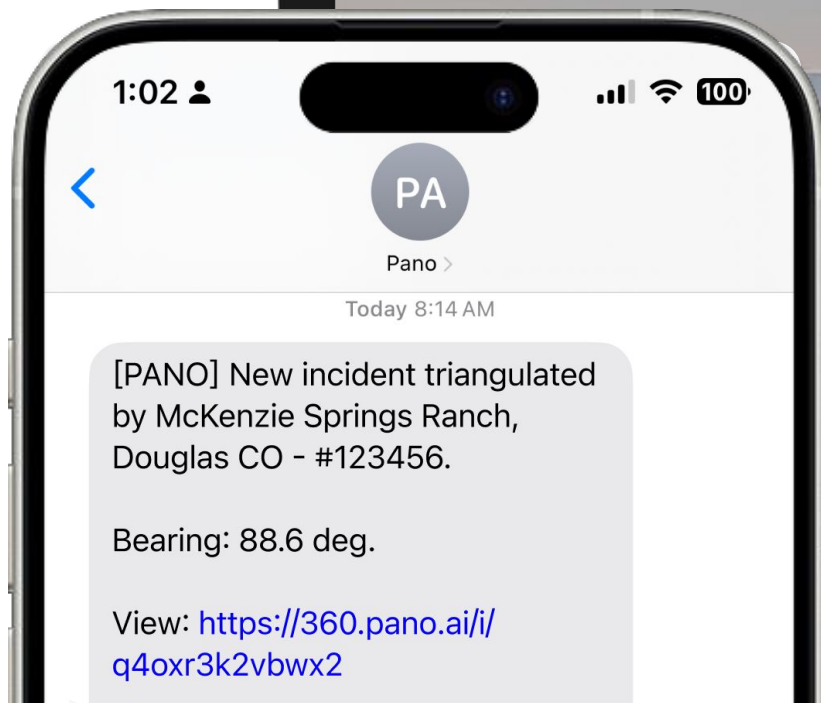
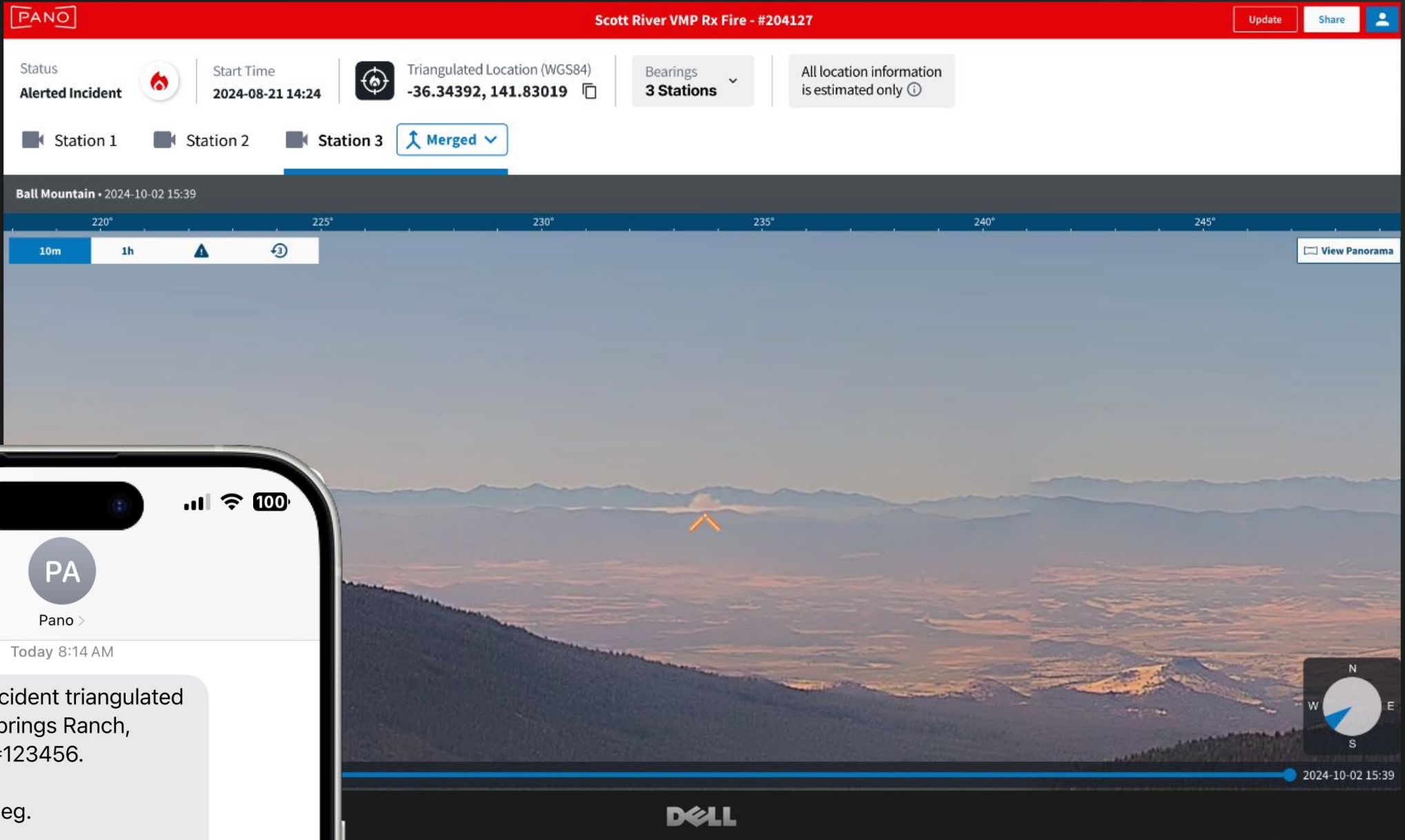


Easy-to-use Interface

Advanced features developed with utility customers - including asset proximity, zoom-to-investigate, incident triangulation, and alerts in a single platform





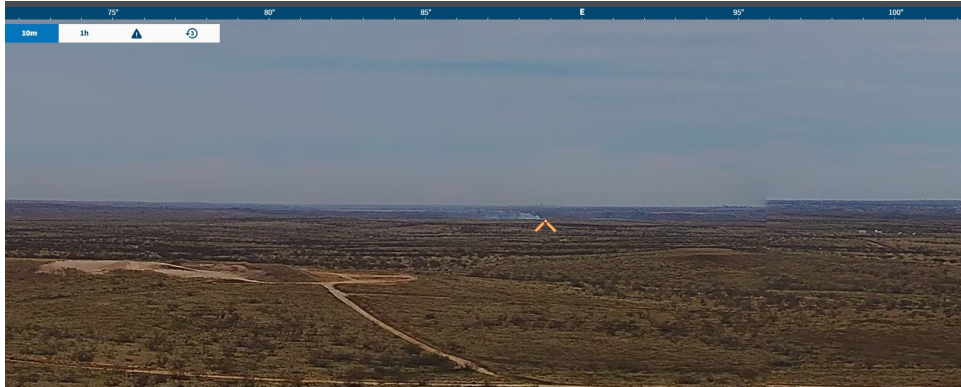


Trusted by 800+ Fire Agencies & 3100+ Agency Users



Pano in Action: Blue Hills Fire - February 2025

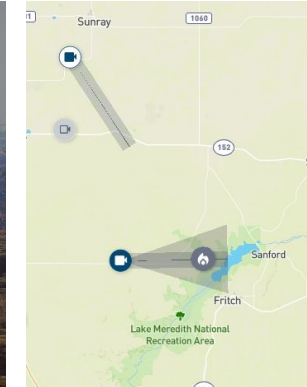
Early Detection Drives Swift Multi-Agency Response



Incident smoke detection



Optical zoom clarity



Precise incident location

Detection

Pano alert time:
2/1/2025 12:25 PM CT

First to detect: Pano was the first to alert simultaneously to multiple agencies: Xcel Energy Texas, Texas A&M Forest Service, and the Amarillo Fire Department.

Confirmation

NIFC Discovery time:
2/1/2025 2:11 PM CT

Xcel Energy Texas used Pano's optical zoom to deliver greater situational awareness to all teams. Thanks to the actionable intelligence, **Texas A&M Forest Service** and **Amarillo Fire** coordinated quickly to deploy ground and aerial resources.

Response

Contained: **2/4/2025 6:44 PM CT**
Fire size at suppression: **3,900 acres**

Pano's early wildfire detection and situational awareness was critical in enabling utilities and agencies to collaborate and act decisively in this rural and high-risk area.



"I believe that without the Pano system—and the fortunate timing of the game camera—this incident could have had considerably more time to grow before traditional alerting methods kicked in."

- Andy Mettham, Battalion Chief, Amarillo Fire Department

Pano's Uses Beyond Wildfire Detection

Pano's stations provide real-time monitoring and situational awareness for grid resilience, personnel protection, and other weather events.



Infrastructure Monitoring

Powerful 30x optical zoom paired with map layer of critical assets



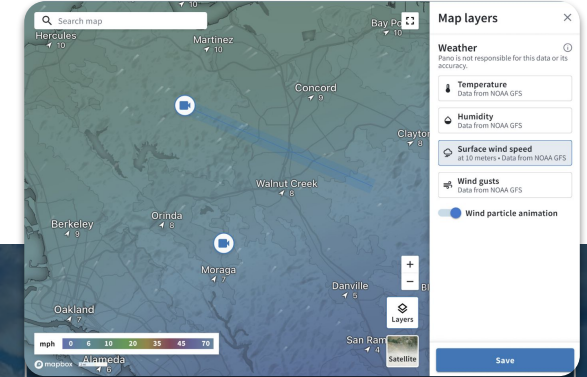
Personnel Safety Monitoring

Extensive camera coverage and high-res, real-time imagery



Vegetation Monitoring

Time lapse of changing environment and conditions around assets



Weather Monitoring

Weather map layers show temperature, humidity, wind speed, and more

Thank You!

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