

MATRIX WILDFIRE ANNOUNCES DEPLOYMENT OF ZIP-CODE-SCALE PRE-MITIGATION PLATFORM FOR WUI COMMUNITIES

Policy Makers and Insurance Companies Missing “Third Rail” of Wildfire Protection—And How Matrix Wildfire Is Scaling Pre-Mitigation as a \$10/Month Utility

BOULDER, CO, UNITED STATES, August 11, 2026 /EINPresswire.com/ -- Company Introduces Massive Area Fire Denial Systems and Spatial AI Modeling to Address Escalating 2026 Wildfire Crisis and Insurance Exodus

Matrix Wildfire Systems Inc. today announced the commercial deployment of its Massive Area Fire Denial (MAFD) platform, introducing a zip-code-scale approach to Wildland-Urban Interface (WUI) fire mitigation as the 2026 wildfire season intensifies across the American West.

“

We're building technologies that scale a zip code wildfire response as a utility, data modeling wildfire risk zones, de-risking them with non toxic retardants placed months before the first spark,”

Patric Douglas, CEO of Matrix Wildfire.



Matrix Wildfire Massive Area Fire Denial

The announcement comes during an extraordinary year for wildfire activity, with millions of acres burned nationally thus far in 2026. The urgent need for macro-level protection was recently underscored in Spokane, Washington, where rapid-spreading fires forced over 60,000 residents to flee their homes overnight. Simultaneously, primary insurance carriers continue to drop policies and withdraw entirely from high-risk WUI zip codes across Washington, Oregon, California, and Colorado, leaving entire communities underinsured or facing unmanageable rate spikes.

Matrix Wildfire's deployment addresses this structural gap.

While public policy and emergency funding remain overwhelmingly focused on reactive suppression and post-disaster recovery, physical pre-mitigation has largely remained decentralized—relying on individual property owners to clear gutters and trim brush. Matrix Wildfire’s platform transitions pre-mitigation to a centralized, infrastructure-level utility model designed to protect entire geographic zones months before ignitions occur.



Matrix Wildfire Guardian

"Current wildfire strategies treat pre-mitigation as an individual property responsibility, but individual efforts cannot hold back wide-area flame fronts," said Patric Douglas, CEO of Matrix Wildfire. "We are designing and building technologies that scale to zip-code-level protection as a public utility—data modeling wildfire risk zones and establishing non-toxic retardant denial barriers months before the first spark."

System Architecture and Utility Model

The MAFD platform integrates three primary components: predictive spatial AI data modeling, heavy industrial application hardware, and non-toxic long-term fire retardants. The system establishes continuous perimeter defense buffers up to 600 feet wide and 80 feet into forest canopies along high-risk municipal borders, powerline rights-of-way, and transit corridors.

Operating on a seasonal utility framework—structured similarly to municipal vector control or routine snowplowing—the service is designed to operate at an estimated cost of \$10 per month per household. To support insurance underwriting efforts, Matrix Wildfire Data Systems streams real-time satellite, aerial, and IoT verification telemetry to carriers, providing property-level risk attestation intended to assist underwriters in evaluating high-risk WUI markets and stabilizing coverage options.

Commercial Deployments and Operations

Matrix Wildfire is currently implementing its technology across several critical infrastructure sectors:

Energy Infrastructure: Deploying the flagship Guardian System in partnership with energy partner in Colorado to mitigate ignition risks along high-voltage grid corridors.

Transit Operations: Engineering a custom Maintenance of Way rail-mounted application platform for a major North American railway partner to treat active at risk right-of-way corridors.

About Matrix Wildfire Systems Inc.

Matrix Wildfire is a Colorado-based [FireTech](#) infrastructure company developing pre-mitigation solutions for climate resilience. The company combines spatial intelligence, industrial application hardware, and risk-telemetry data systems to assist utilities, municipalities, railways, and insurance providers in protecting Wildland-Urban Interface (WUI) regions.

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