



Safeguarding timber assets & strengthening fire resilience

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Wildfires Pose a Major Financial Risk to Commercial Forestry

01

With wildfire seasons growing longer and more intense, commercial forestry operations are at serious risk. A single fire can wipe out decades of investment, disrupt supply chains, and cost millions in lost timber revenue.

The True Cost of Wildfire Damage

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- Wildfires destroy valuable timber resources, causing severe financial setbacks.
- Insurance premiums are surging in fire-prone areas, adding to operational costs.
- Sustainability commitments demand fire-resilient forestry management to maintain ESG compliance.

A Proactive Approach to Fire Protection

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A Smarter, More Sustainable Approach to Fire Protection. Silvanet enables commercial foresters to shift from reactive firefighting to proactive early detection, ensuring:



Fire-Resilient Timber Operations

Detects fires at the earliest stage to minimize damage.



Enhanced ESG and Sustainability Compliance

Supports carbon offset initiatives and responsible forest management.



Reduced Insurance Costs

Strengthens wildfire mitigation plans, lowering premiums.

Silvanet: The Ultimate Fire Protection System for Forestry

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Silvanet's AI-powered, solar-driven sensors provide the fastest and most effective fire detection solution available:

- Protects Timber Assets - Detects fires at the smoldering stage, reducing losses and ensuring long-term resource security.
- Reduces Insurance Risks - Proactive fire mitigation can help lower premiums and improve insurability in high-risk areas.
- Strengthens Sustainability & ESG Compliance – Supports climate-conscious forestry practices.

Proven Success: Ultra-Early Fire Detection in Commercial Forestry

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A leading commercial forestry operator in South Africa piloted Dryad's Silvanet ultra-early fire detection system to protect high-value timber assets in a wildfire-prone region. Sensors were strategically deployed to detect ignition at the smoldering stage, allowing for rapid intervention before flames could spread.

During the trial, the system successfully detected early fire indicators within minutes, providing a critical window for suppression efforts. By integrating ultra-early detection into its fire management strategy, the operator reduced fire risk, minimized potential timber losses, and strengthened its sustainability commitments.

Following the pilot's success, the company is exploring scaling the deployment across additional high-risk areas, ensuring long-term wildfire resilience.

How Forestry Operators Can Take Control of Wildfire Risk

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With rising wildfire threats and increasing regulatory pressures, commercial forestry operations need smarter, data-driven fire protection. Silvanet offers an advanced, AI-powered solution that enables early detection, rapid response, and long-term risk reduction.



Minimize timber losses with ultra-early fire detection.



Improve ESG & sustainability compliance through proactive fire prevention.



Reduce insurance costs by demonstrating fire resilience.

Secure your timber assets today.

Let's discuss how Silvanet can help protect your forestry operations.



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URGENT FIRE ALERT!



Contact us today to learn more



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