

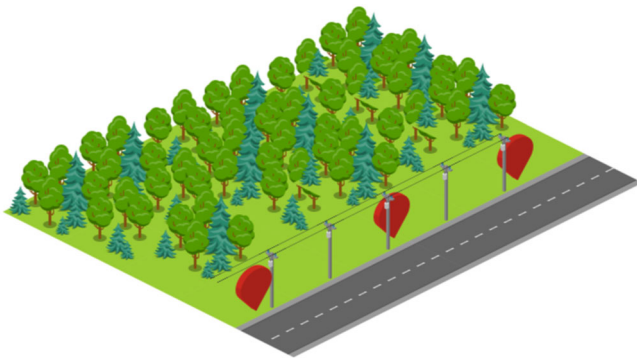
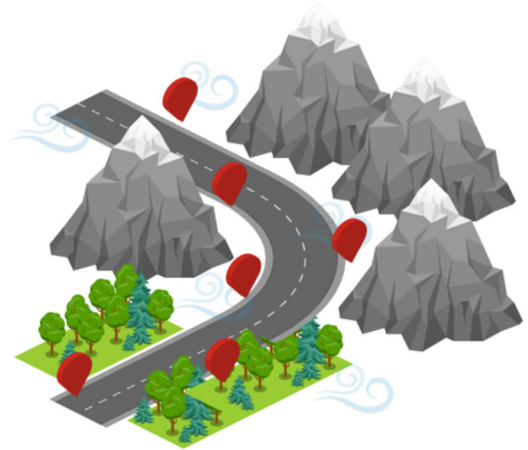
## Why Deploy FIREBird Rapid Wildfire Detection Devices in Your Community?

FIREBird is the first wildfire detection system intended specifically for use along high fire risk wildland-urban interfaces, where wildfires threaten homes, commercial buildings, and property, potentially resulting in millions of dollars of damage.

### Numbers to Know:

90%

90% of all wildfires in the U.S. occur within 1/2 mile of a road.<sup>1</sup>



10X

Power line fires are, on average, 10x larger than other wildfires.<sup>2</sup>

12.6 million

Home construction from 1990 - 2010 placed 12.6 million new homes in vulnerable wildland-urban interfaces.<sup>3</sup>



 Indicates potential placement of FIREBird device.

# FIREBird Rapid Wildfire Detection System

*Protect the Boundaries in Your Community*

## Key Features of the FIREBird System

- detect fires as small as 5'x5' from as far away as 900 feet.
- detect & report fires quickly
- comprehensive, mobile friendly web-interface providing notifications, imaging, and more

## Placement of FIREBird in Your Community

Easily installed, FIREBird devices can be placed in any vulnerable area in your community:

- wildland-urban interfaces
- neighborhoods
- shopping centers
- school campuses
- industrial parks
- along roadways or powerlines
- large estates



<sup>1</sup>Peterson, Peter H., "Roads and Wildfires," Pacific Biodiversity Institute, Winthrop, WA, 2007, page 4

<sup>2</sup>Mitchell, Joseph W; "Power line failures and catastrophic wildfires under extreme weather conditions"; Journal of Engineering Failure Analysis #35, 2013, page 3, Table 1

<sup>3</sup>"New analyses reveal WUI growth in the U.S.," Northern Research Station, USDA Forest Service, downloaded on 1/15/2021 from <https://www.nrs.fs.fed.us/data/WUI/>

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