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# Hi, we are OroraTech

**2018**

Founded  
in Munich

**~170**

Employees on  
**4**  
continents

**300**

Users in  
**20**  
countries

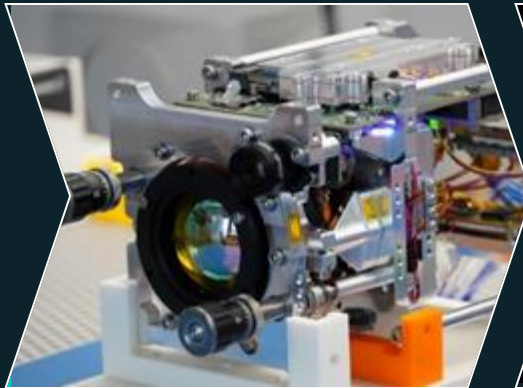
**27**

Satellite sources

**10**

Own satellites  
in orbit

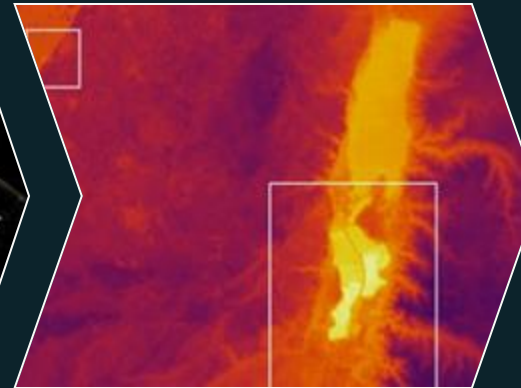
**NEW**



Patented thermal  
camera



Unique constellation  
for real-time data



On-Board Fire  
Detection



Visualization,  
API



# Global Revisit Every 30 Minutes



FOREST-1



FOREST-2



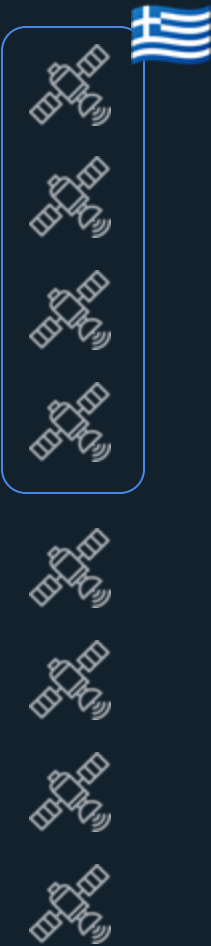
FOREST-3



OTC-P1



HFS (P2)



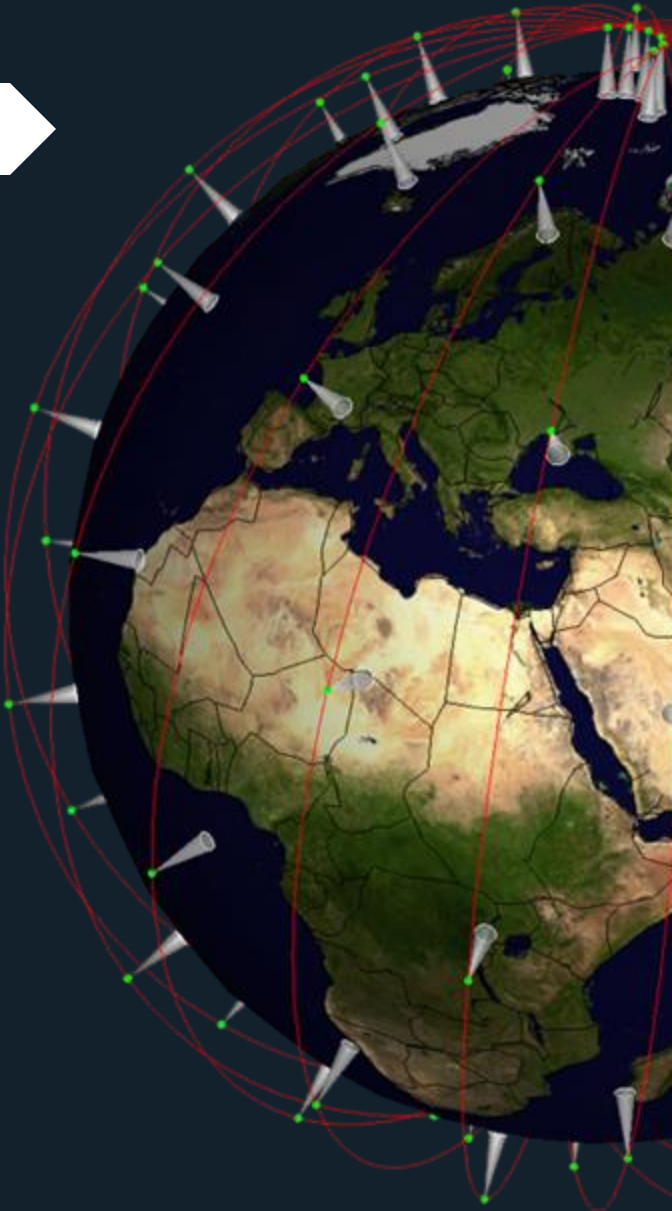
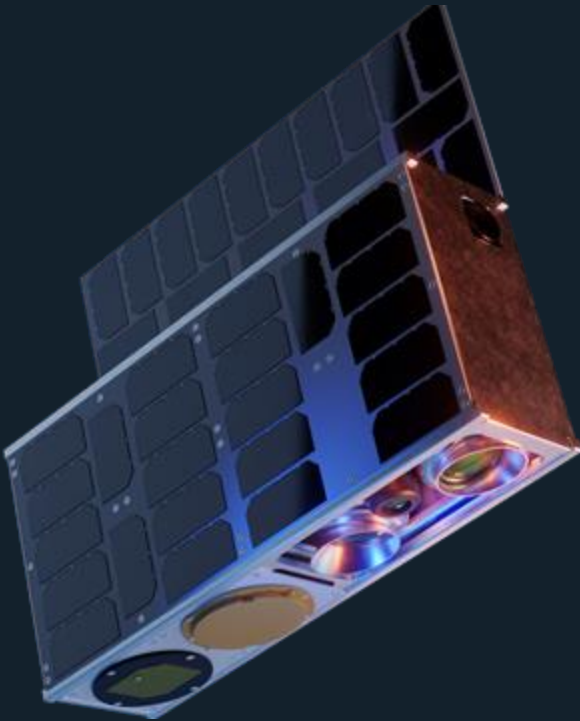
OTC-P3



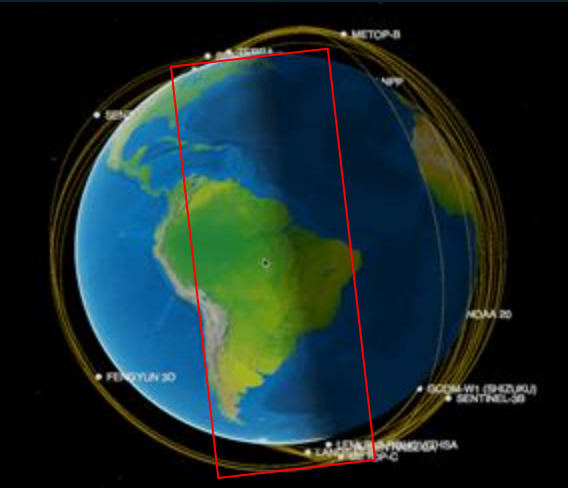
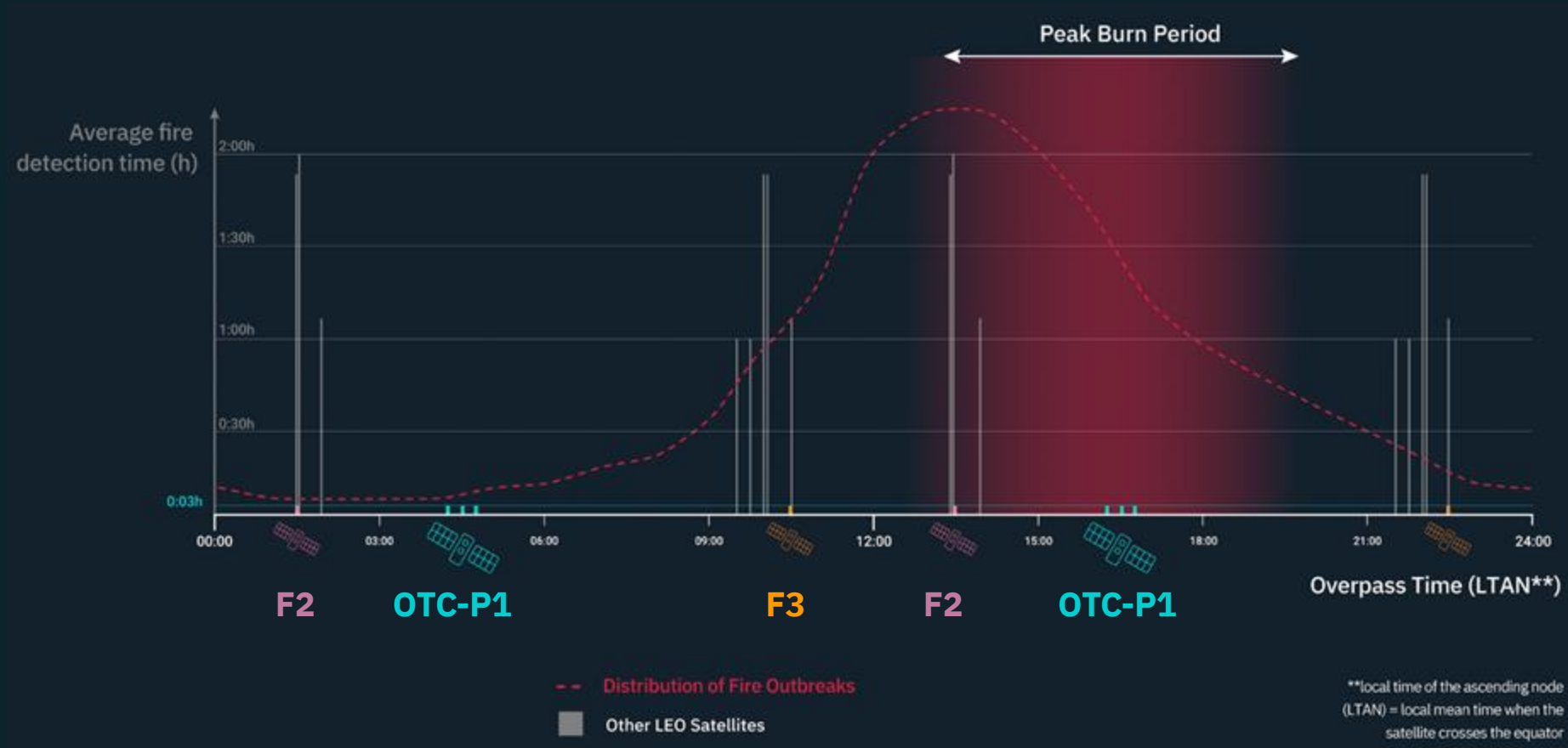
OTC-P4 - P10



WFS



# Fixing the afternoon gap



Orbits of different satellites. Each orbital plane is indicated in yellow. Red box highlights the peak burn period which we aim to cover



# Some recent OTC-P1 examples

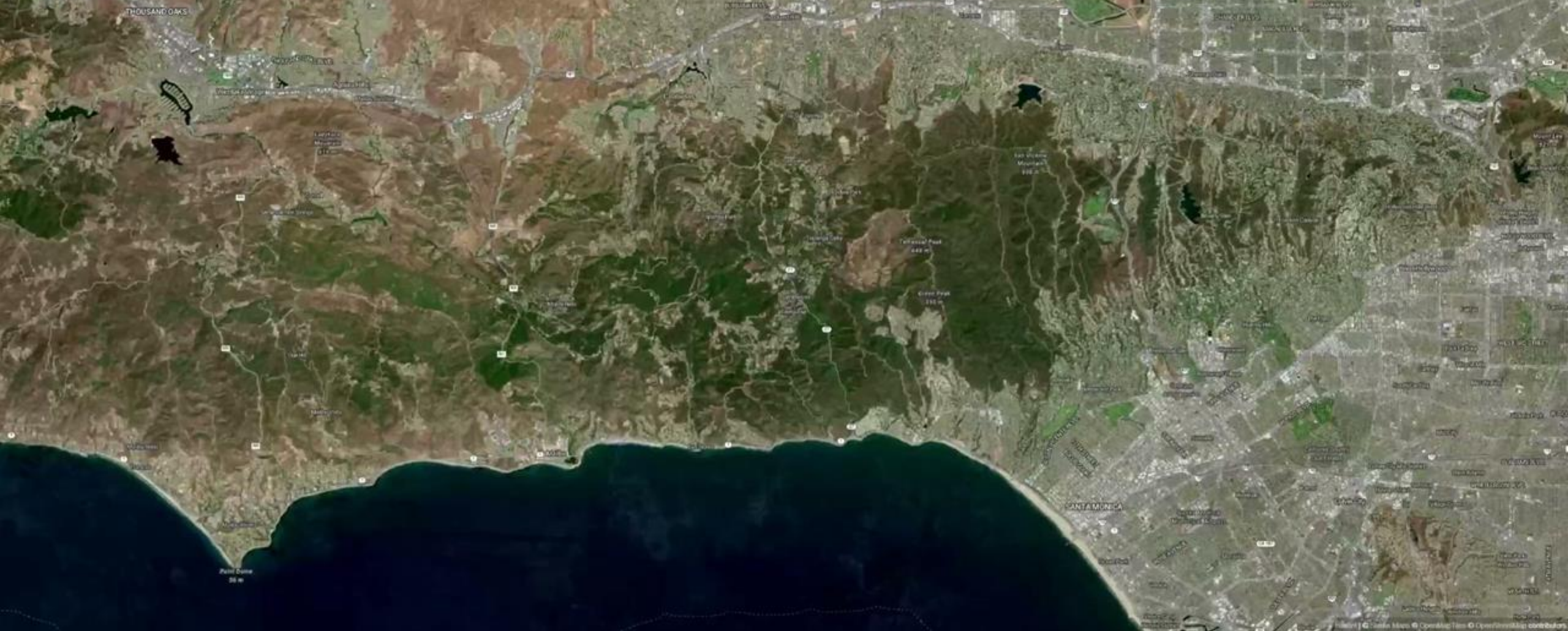
## Wildfire near Cross Lake, Canada



➤ NOAA-20 acquisition from 2025-08-05 19:15 (UTC)  
OTC-P1 acquisition 2 h later







## 2025 Palisades Fire

OroraTech



WORLD U.S. POLITICS SPORTS ENTERTAINMENT BUSINESS SCIENCE FACT CHECK ODDITIES BE WELL

### At least 1,000 structures burned by Palisades Fire

The Palisades Fire already is the most destructive in Los Angeles history, with at least 1,000 structures burned in the coastline neighborhood of Palisades. (AP Video by Etienne Laurent)

Published 10:01 AM GMT+1, January 9, 2025



Daily

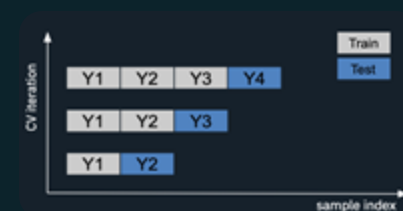
# Fire Spread Modelling



## Short-term fire hazard

Live

## Long-term fire hazard



## Prototype