



ORORA

TECHNOLOGIES

*Global Wildfire Intelligence*



# Wildfire detection and monitoring service from space – **global, fast, reliable.**



**REDUCE DAMAGE TO  
ASSETS**



**LOWER CO<sub>2</sub>  
EMISSIONS**



**SAVE  
LIVES**



**MONITORING  
24 HOURS**

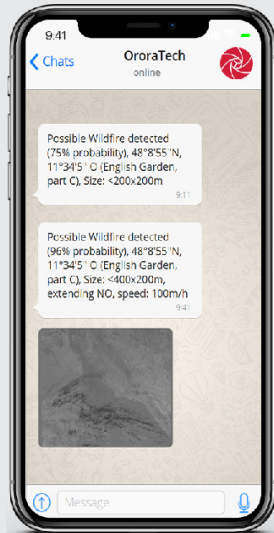


**PRESERVE  
NATURE**



**EVALUATE POINT OF  
OUTBREAK**

# Wildfire monitoring in the palm of your hand



**PUSH NOTIFICATIONS**  
Quick detection alerts



**3D MAP OPTIONS**  
Examine slope and terrain



**LIVE FEED AND HISTORY**  
Access multiple data sources



**EASY ACCESS**  
Login from all devices

**Login Now!**

[www.ororatech.com](http://www.ororatech.com)

OroraTech is the first commercial supplier of infrared satellite data for early detection and real-time monitoring of wildfires across the globe. With multiple map styles and a fusion of existing satellite data, our system provides the best experience for protecting your assets and monitoring your area of interest.

## DEPENDABLE

Best in class algorithms generated to expose fire power.

## TIMELY

Maximum satellite data sources integrated for faster detection.

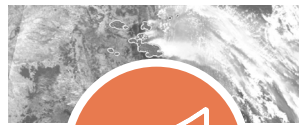
## PRECISE

Detailed location and fire front maps designed to pinpoint affected areas.



### ASSESS RISKS

Observe a variation of detailed maps providing continuous updates on temperature and wind to visualise the risk index in your area of interest.



### DETECT EARLY

Make faster decisions to extinguish a fire from accurate alert notifications informing you of location and size of a fire from a fusion of satellite and customer data.



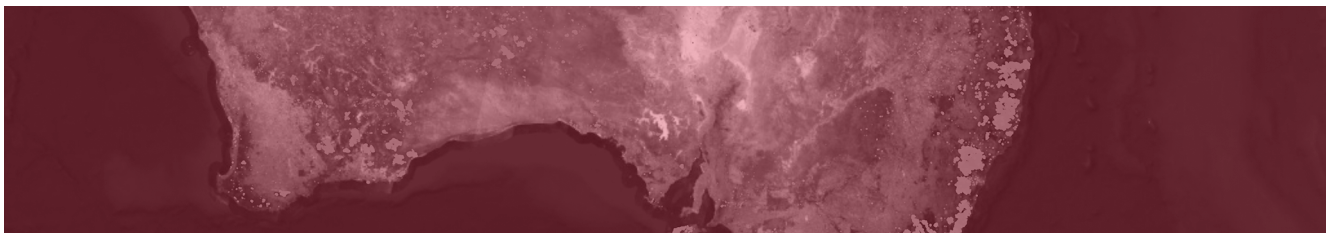
### MONITOR REAL-TIME

Take charge in preserving your global assets with live fire tracking and propagation forecasting.



### ANALYSE DAMAGE

Easily uncover fire origin and ignition time, lost biomass, and long-term fire statistics. Compare how fires impact resources.



# FREQUENT REVISIT, LOW COST, HIGH RESOLUTION CUBESAT CONSTELLATION



## HIGHLIGHTS

### Framework

Patented 3-Unit CubeSat structure with a 40% higher payload volume.

### Infrared Camera

Patent-pending multispectral thermal-infrared imager.

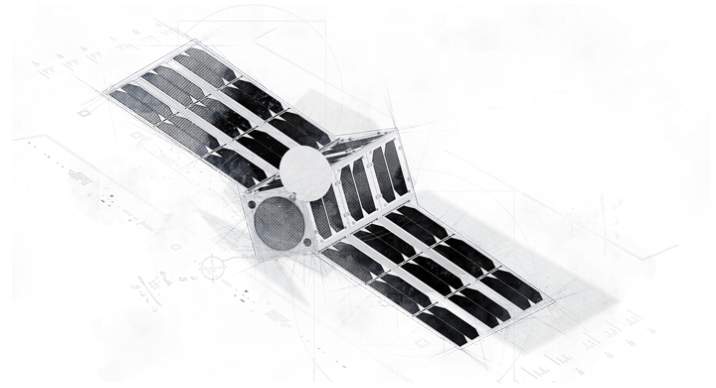
### In-Orbit Analysis

GPU-accelerated onboard image processing module.

### Real-Time Alerts



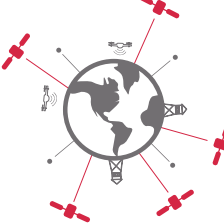
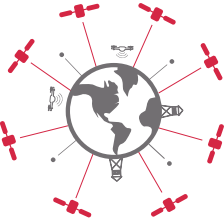
Wildfire alerts generated and distributed within seconds from space to ground.

## NOVEL DESIGN



10 x 10 x 34 cm<sup>3</sup>

## OUR MISSION

	PHASE 1	PHASE 2	PHASE 3	PHASE 4
<b>Satellite Network</b>				 >100
<b>Data Sources</b>	Aggregation + analysis of current satellite data	+ Integration of customer data and OroraTech prototype	+ Doubling data sources with OroraTech CubeSats	+ Complete CubeSat constellation
<b>Average Detection Time</b>	2 - 6 hrs	1.5 - 4 hrs	1 - 2 hrs	< 30 mins





NewSpace Intelligence for a sustainable Earth.



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**Sign up!**

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