



ORORA

TECHNOLOGIES

Global Wildfire Intelligence

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



**REDUCE DAMAGE TO
ASSETS**



**LOWER CO₂
EMISSIONS**



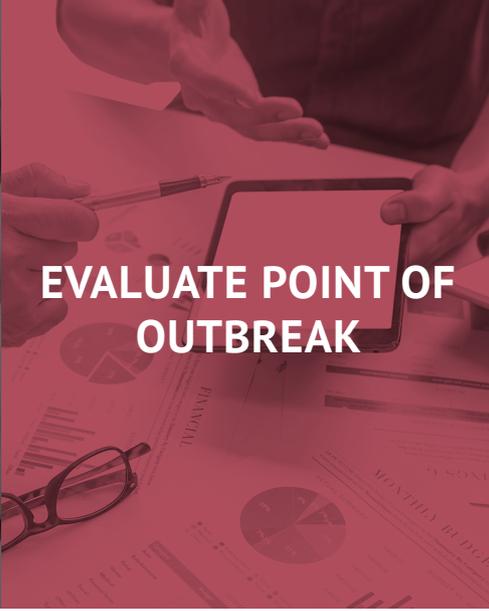
**SAVE
LIVES**



**MONITORING
24 HOURS**

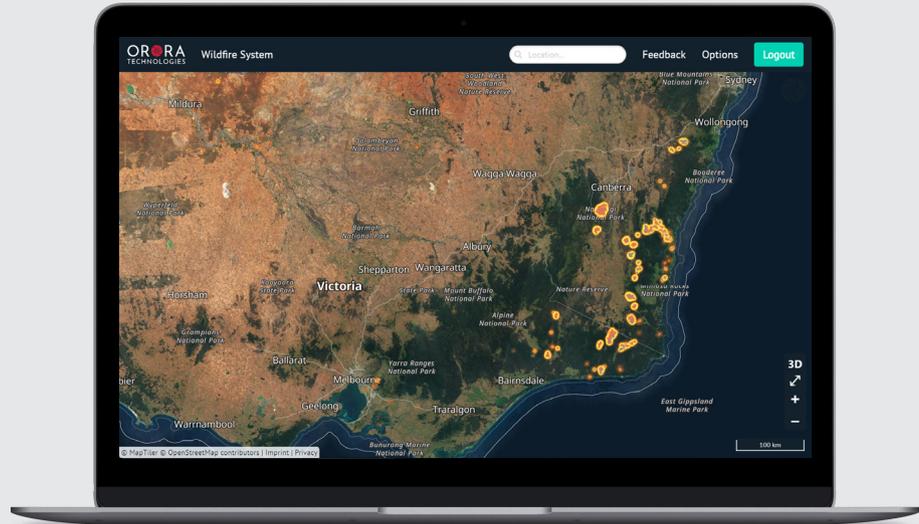


**PRESERVE
NATURE**



**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

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

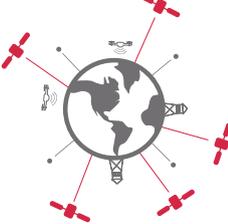
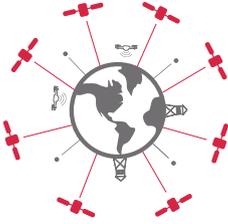
Wildfire alerts generated and distributed within seconds from space to ground.

NOVEL DESIGN



10 x 10 x 34 cm³

OUR MISSION

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





NewSpace Intelligence for a sustainable Earth.



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