

SPACETECH FOR FORESTRY

اليه سات yahsat

WHAT IS THE CUSTOMER CHALLENGE?

- Wildfires caused significant damage to homes infrastructure wildlife and natural resources and can also have long lasting environmental impacts
- Wildfires cause a loss of 5.2 million hectares of tree cover annually
- Forest fires are becoming more widespread, burning nearly twice as much tree cover today as they did 20 years ago.
- Extreme heat waves are already 5 times more likely today than they were 150 years ago and are expected to become even more frequent as the planet continues to warm

WHO IS FACING THIS PROBLEM?

- National Parks
- Forests
- Large farms
- Properties and infrastructures in forests
- Wildlife

INTRODUCING THURAYA WILDFIRE DETECTION AI SOLUTION

Now detect and monitor wildfires in real-time, with Artificial Intelligence and Machine Learning.

When the system detects smoke, it immediately:

- Sends an alert to partner Emergency Operations centers with Audible and Visual effects
- Gives corresponding cardinal directions and degree estimations to locate fire locations

Advantages

- Detects wildfires in less than a minute
- Immediate alerts
- Accurate location of fire

In collaboration with



IMPACT

1. Saves lives
2. Protects wildlife
3. Saves millions by protecting land, property and infrastructure
4. Reduces fire-fighting risks and injuries
5. Reduces costs of fire-fighting

HOW DOES IT WORK?

