



# Wildfire

## A N A L Y S T

**REAL-TIME ANALYSIS OF WILDFIRE BEHAVIOR**

## WILDFIRE ANALYSIS



Wildfire Analyst is software that provides real-time analysis of wildfire behavior and simulates the spread of wildfires. Simulations are completed quickly, in seconds, to support real time decision making. Wildfire Analyst provides a range of analytical outputs, available as GIS maps and

charts, that empower more accurate and timely decision making. For wildland fire, time is of the essence, whether through the desktop platform, or web and mobile enabled applications, capabilities and results are deployed to those who need it, when they need it, without delay.



**SIMULATION  
MODES**



**FIRE BEHAVIOR  
OUTPUTS**



**REAL-TIME  
PERFORMANCE**



**SEAMLESS  
INTEGRATION**



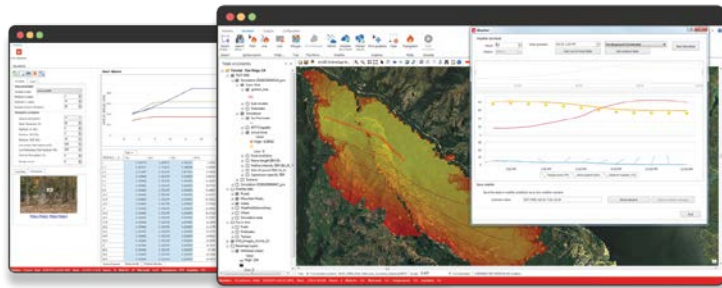
**CUSTOM  
APPLICATIONS**



## INCREDIBLE PERFORMANCE

Wildfire Analyst was designed to be used at the ICP, operations center, or directly on scene. The software can use predefined weather scenarios, or current and forecasted weather, to model fire behavior and provide **outputs within seconds**.

This fast performance facilitates use of the **outputs in real-time**, and allows for constant adjustment based on field observations and deployment decisions by the incident team.



## COMPREHENSIVE OUTPUTS

Wildfire Analyst provides a **comprehensive set of outputs and tools** for each simulation that is tied directly to the time stamp of the weather conditions and data inputs for an incident.

The real time performance allows you to create **multiple simulations for an incident, easily and quickly**, reflecting changing conditions and response tactics during the incident lifecycle.

### Outputs & Tools Include:

- Time of arrival & fire perimeters
- Conventional fire behavior
- HD wind field generation
- Campbell Prediction System
- Fire behavior calculator
- Fuels mapping adjustments
- Critical fire paths
- Suppression capacity



## SIMULATION MODES

Wildfire Analyst offers a variety of simulation modes capable of meeting user's simulation needs and requirements. These simulation modes include:

conventional fire spread, reverse time, evacuation time, probabilistic analysis and adjustment mode.



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**CONTACT US FOR  
A DEMO TODAY!**