Detecting
and
Protecting
Since 2003

EVS
EnviroVision Solutions
USA

ForestWatch®

Wildfire Detection and Monitoring Systems

*Protecting people.
Defending property.
Preserving resources.*

EnviroVision Solutions' award winning fire management technology has been used with great success by government agencies and forest industries around the world since 2003 — protecting your greatest assets in a cost effective and resource conscious manner.

Combining high resolution cameras and advanced image processing software, the computerized ForestWatch® system integrates real world data into a powerful decision, support and emergency management system.

ForestWatch®

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EVS
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USA
ForestWatch®

"Where's the Fire?"

ForestWatch® uses precision cameras and advanced image processing to provide critical information in real time.
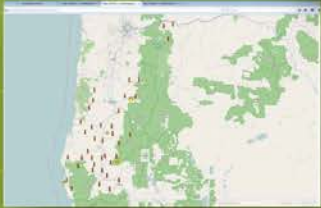
INSTANT EYES ON THE FIRE

Geo-Reference Imagery
° Single Point Referencing
° Distance/Bearing
° Latitude/Longitude
° Continuous Detection

GIS Integration
° Topography
° Landmarks
° Lightning Data
° Jurisdictional Boundaries

Panoramic Camera Images
° Scan >400 sq mi
° Real-Time Color Images
° Night-Time and Near Infrared Detection
° Off-Grid Installation

Post-Event Analysis
° Archived Images
° Date/Time Stamp Imagery

THE FORESTWATCH® DIFFERENCE

The ForestWatch® Wildfire Detection and Monitoring System uses advanced video analytics and precision cameras to detect and locate the first indications of smoke from a wildland fire.

ForestWatch® software alerts detection operators to the potential presence of a fire, precisely maps the location, provides images with accurate latitude and longitude and sends the information to dispatch centers and responders. Fire agencies can quickly and accurately determine jurisdiction, conduct risk assessment and confidently deploy an appropriate initial attack.

ForestWatch® systems are built and supported by EnviroVision Solutions, the global leader in wildfire detection technology.

EVS cameras are mounted singularly or in pairs to monitor a full 360 degree panorama. Viewpoints include pre-existing cell or radio towers, former lookout towers or other remote structures. The camera is constantly scanning under computer direction, continually on watch for signs of smoke.

ForestWatch® currently serves several agencies including Douglas Forest Protective Association, Coos Forest Protective Association, Oregon Department of Forestry, Bureau of Land Management and the US Forest Service. Other large deployments in Canada, California and Minnesota attest to the effectiveness of the ForestWatch® Wildfire Detection and Monitoring System.

Firefighter Safety

ForestWatch® Online puts vital information in the hands of fire managers and crews in the field.

SAFETY FIRST

Increased situational awareness gained by live or near real time images greatly increases the safety of firefighters.

It allows fire managers to begin formulating strategy and control objectives even before reaching the fire.

That means it takes less time to gain the fire intelligence necessary to organize and deploy initial attack resources. In addition to faster response times, ForestWatch® can reduce firefighter exposure.

ForestWatch® images are accessible through web browsers on mobile devices, giving fire managers and crews unparalleled access to near real-time images, providing intelligence and situational awareness.

Other benefits include:
° Lightning Data
° Weather Station Integration
° Prescribed Fire Monitoring

° Prescribed Fire and Burn Permit Tracking
° Smoke Management
° Arson Investigation
° Sensitive Species Habitat Monitoring

EVS has deployed and managed ForestWatch® Wildfire Detection and Monitoring systems around the world since 2003.