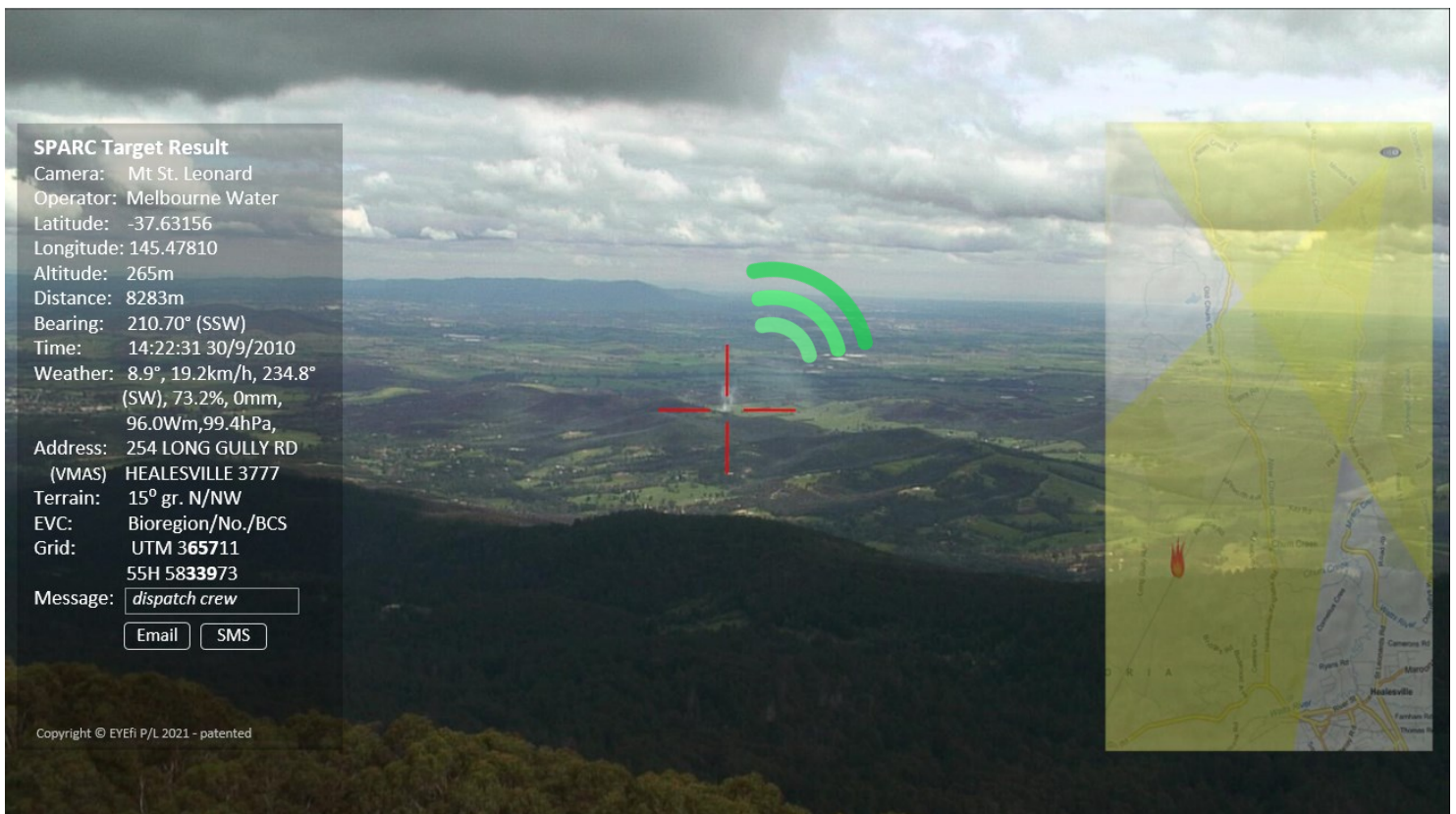




# EYEFI SPARC

*Bushfire Management and Monitoring*

Real-time Situational Awareness and  
Intelligence Gathering



SPARC is used to determine the exact geo-graphical location of any object or position of interest being observed in the real-world, without the need for triangulation, and in real-time.

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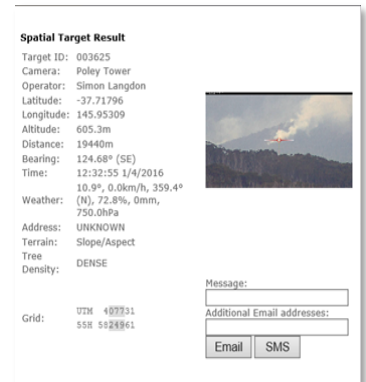
Email: [info@eyefigroup.com](mailto:info@eyefigroup.com)



## Applications

EYEfi SPARC and EYEfi Cloud are suitable for a wide range of applications, such as:

- Providing real-time situational awareness and intelligence gathering from fire towers, communications towers and other fixed locations, to emergency services personnel regarding the location of smoke plumes, lightning and hotspots
- Monitoring forests, major assets and infrastructure for security applications and bushfire risk mitigation
- Providing fully automated detection of lightning, smoke plumes and hotspots<sup>1</sup>
- Providing a system of record (video and spatial event data) for all incidents
- Geo-pointing and reverse geo-pointing to determine locations in real-time and without the need for triangulation
- Real-time notifications via in-App, email, SMS and social media



## EYEfi SPARC and EYEfi Cloud

EYEfi SPARC is a capability within EYEfi Cloud’s Automated Incident Management (AIM) service; providing a secure and central place for customers to detect, locate and manage fire related incidents.

The platform is provided as a subscription based service that securely manages the onsite technologies and provides authorised users with the automated collection of comprehensive information relating to all lightning, weather, smoke plume and hotspot activity.

EYEfi AIM captures the information in real-time, stores the data on a secure cloud platform and reports on incidents where required. The EYEfi Cloud web application allows ease-of-access to users via Smartphone or Desktop PC



## Benefits of using EYEfi SPARC

Gain clear visibility over fire and lightning activity as they occur in real-time with live spatially-enabled video, tracking and incident recording. SPARC can be either manually operated by a user, or fully automated; providing a system of record that records all necessary information required to make more informed decisions, more quickly

### Reduce Costs

- Reduce the costs of the impact of fires on forests, infrastructure and communities through the very-early-detection of fire starts
- Reduce the costs of response efforts through early intervention
- Provide significantly improved safety of personnel

### Monitor and Report

- Independent system of record for all incidents
- Track and monitor lightning and ignition events
- Dashboard style overview and summary of all incident types and status
- Access to archival video and location data for investigations

### Operate Efficiently

- Know at the very first opportunity that a hotspot or ignition event has occurred, and its precise location
- Improve and minimise response efforts
- Cameras can be located on existing tower infrastructure
- Minimise response efforts through very early intervention