

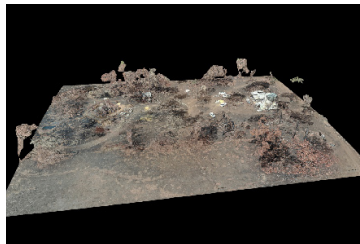
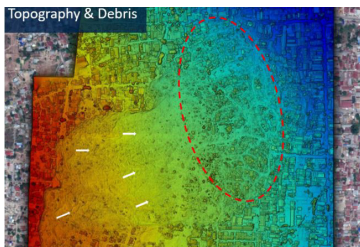
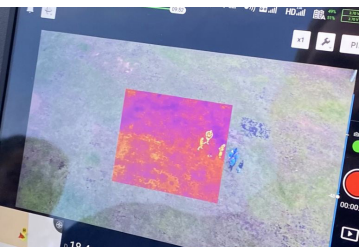
Disaster Relief Australia is a lead agency for the provision of localised post-disaster aerial imagery and mapping data, utilising military ISR expertise together with experience gained over the course of 3000+ post disaster flights across Australia and the Asia-Pacific since 2016.

Multiple small teams of between two to three can rapidly deploy to undertake aerial mapping and assessment of impacted properties and locations. Disaster Relief Australia (DRA) utilises a fleet of remotely piloted aircraft and trained specialists in the field to safely conduct post-disaster aerial operations.



This coupled with teams of image analysts, turns aerial imagery into aerial intelligence. Including:

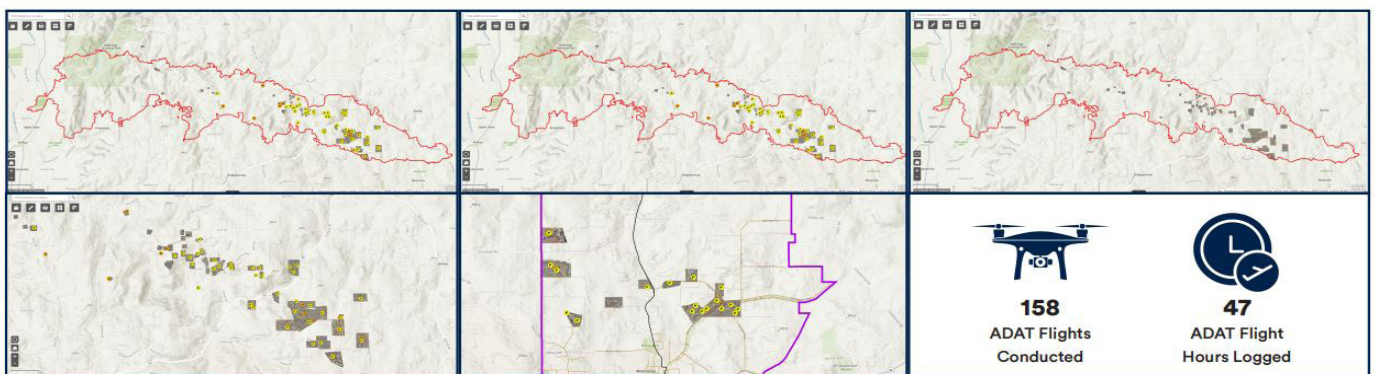
- An immediate disaster response capability available at short notice 365 days of the year, providing vital intelligence to complement existing manned aviation capabilities.
- Provision of actionable, timely data and intelligence to aid in decision making by national and state level emergency management agencies and communities.
- Increased capability through the utilisation of new technology enabling world leading aerial data collection for disaster response and recovery operations in Australia.
- A national asset with highly trained veterans providing intelligence to Australian agencies both at home and abroad.



Disaster Intelligence Services Capabilities include:

- EVLOS and BVLOS operations
- Drone RGB and Thermal Imagery Capture
- Real-time Imagery Transfer to IMT's
- 2D and 3D Mapping
- Digital Elevation Models
- LiDAR mapping
- Volumetric Surveying
- 360-degree Panoramic Imagery
- 360-degree ground-based "street view" mapping
- Nearmap Imagery – Access and Integration
- ArcGIS – Imagery Integration and Analysis
- AI Analysis provided through partnership with Aust Institute of Machine Learning (AIML)
- DRA's "Battle Map" Layered Information Platform
- Data Set Interoperability

DRA BUSHFIRE AERIAL MAPPING OF THE CITY OF SWAN, WESTERN AUSTRALIA (FEBRUARY 2021)



- Fire Impact Boundary
- (P) 360 degree Drone Panorama
- (V) Drone Video

FOR MORE INFORMATION
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