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ARGUS

ARGUS is a system which includes airborne acquisition of multi-sensor image data and rapid mapping capabilities. It thus can provide flexible and significant support in case of disaster situations and assist in-situ analysis as well as management activities. The system follows the demand of emergency teams to react quickly and efficiently when natural disasters like forest fires, flooding, earthquakes, landslides, mudflows etc. occur. It enables image acquisition in near real-time and the capability to receive an up-to-date operational picture of the whole situation in order to increase awareness. Target groups, such as civil protection agencies, fire brigades or national defence agencies acting in support missions, require up-to-date and high quality in-situ data as well as proper analysis in order to guide and control task forces in an efficient way.

Meta-information

Readiness

- TRL 7 - System prototype demonstration in operational environment

Innovation stage

- Stage 4: Early Adoption/ Distribution

Crisis size

- Cross-border
- Large scale
- Regional
- Local

Crisis Cycle Phase

- Preparedness
- Response
- Recovery

Supported Use Cases

Illustrations

ARGUS System Overview



Airborne Concept

Similar solutions