

# Software Solutions To Shorten Emergency Response Time

**Improved Decision Making & Situational Awareness**

**Actionable Intelligence Faster**

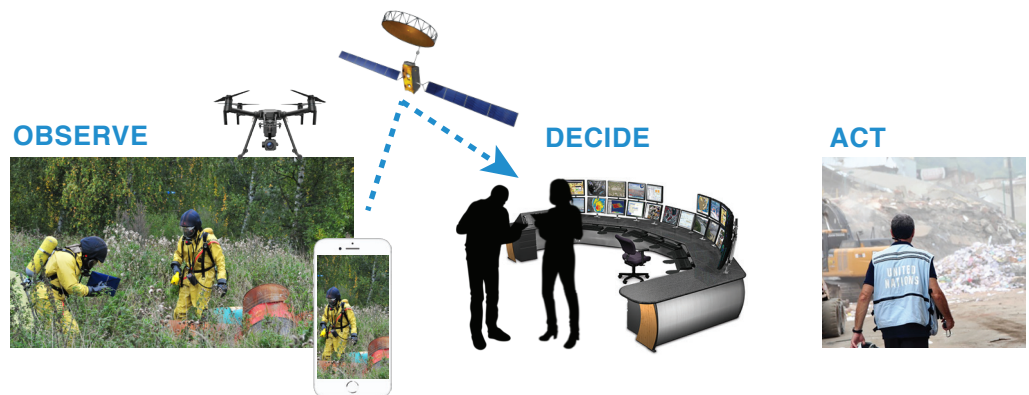
**Works Anywhere, Anytime**

**Supports SatCom**

**Information is the foundation for decision-making in any crisis. For optimal resource allocation and short response-times, the flow of information must work seamlessly. While smartphone and web-based tools are attractive, commonly used cloud-based solutions are not suitable in severe disaster situations as one cannot rely on a stable broadband connection.**

AnsuR has been working successfully with the UN, security and disaster management entities for over 10 years to create and evolve an optimal all-in-one disaster assessment software tool, for collection, communication and management of operationally relevant information. Key capabilities include:

- Ability to Provide Highest Precision Geo-Spatial Photo and Video Content.
- Integrated with Assessment Forms, Tracking, Geo-Zones and Map Servers.
- Powerful Backend System with User / Mission Management Capabilities.
- Working with Satellite Communication, Low or Unstable Internet Connection.
- Secure Communication and Hosting of Data.



We offer a unique solution, providing crisis and disaster management organizations with ASIGN, a data collection and communication software. ASIGN is specifically optimized for communication of photo and video with low bandwidth to quickly provide the most accurate actionable intelligence. ASIGN can save up to 99% of time and cost while maintaining relevant content in full photo / video quality.

The ASIGN software has integrated special protocols and tools to also work smoothly with low data rates. These enable the communication of precise geo-tagged images, text and assessment forms even through low bandwidth cellular and mobile satellite communication networks. All the collected data can be stored within an organizations private server and accessed online.

The ASIGN observations give an in-situ view of the situation and can be complemented by satellite imagery for situational awareness and assessment of larger areas.

As an official UN Information Management tool, ASIGN helps the UN to make better decisions faster, specifically in the critical first days following a crisis. For the UN, all the data has been stored at the secure UN server at CERN and can be accessed via the Web by experts worldwide.

# ASIGN Data Collection and Communication Tool



## ASIGN PRO – Complete Tool for Professional Disaster Assessment

ASIGN PRO is a professional field assessment tool for smartphones and PCs. The application help disaster assessment field teams to quickly and reliably send geo-referenced pictures, videos, text and assessment forms from smartphones in the field to an ASIGN host platform. For increased coordination, ASIGN users within the same mission can also see each other's observation in the field on their live mission stream even when confronted by low network capacity.



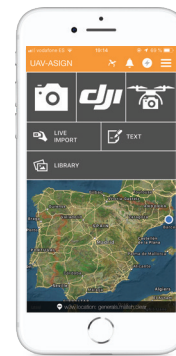
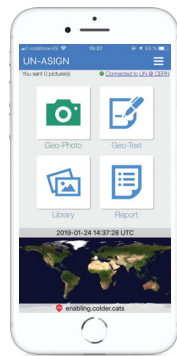
## UN-ASIGN – Trustful and reliable data collection for volunteers & crowdsourcing

UN-ASIGN is a free to download smartphone application that empowers users to contribute reliable geo-tagged imagery, text and reports in crisis situations to UN. UN-ASIGN is used worldwide and observations have also been used to complement Satellite imagery for rapid mapping, and for needs assessment and disaster response in major emergencies in Asia and South America.



## UAV-ASIGN – Rapidly sharing UAV photos in Search & Rescue operations

UAV-ASIGN is a smartphone application which enables drone pilots to send high precision real-time geo-tagged visual photos and video from drone cameras while the drones are still in-flight. This helps Search and Rescue teams respond faster and provides a way for remote experts to guide a pilot to capture the most relevant information.



# ASIGN Information Management Platform

## ASIGN Server – Situational Awareness Portal & Information Management

The ASIGN data collection and communication tools send the information to the ASIGN central server. The information manager assesses the incoming data, can pull more details if needed and can share the data onwards. The ASIGN server is customized to work both in low bandwidth OSOCCs and in broadband-connected remote headquarters.

## Integration with Mapping Platforms

The data collected with ASIGN can easily be exported from the ASIGN system into your favourite mapping platform or pulled for other purposes, such as automatic data analysis and integration with other customised backend systems. ASIGN imagery has been previously integrated into GDACS LIVE Map provided by UNITAR and UNOSAT.

