

ASIGN

Software solutions shorten critical response time

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 use of smartphone and web-based tools are attractive, commonly used cloud-based solutions are not suitable in mission-critical situations when one cannot rely on the availability of a stable broadband connection.



With this challenge in mind, AnsuR has developed an optimal all-in-one disaster management 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.
- Features include 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.

AnsuR offers a data collection and communication software that is specifically optimized for the communication of photos and videos through low bandwidth to quickly provide the most accurate actionable intelligence. By focusing on operationally relevant contents, ASIGN can save up to 99% of photo and video sending time and cost while maintaining relevant content in full 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.

ASIGN is comprised of the ASIGN Server, a cloud-based platform from which the incoming information is managed, plus the field user applications ASIGN PRO and UAV-ASIGN, which collect and send information from the field to the Server. This allows for interactive communication between the control centre and those in the field, with both having the ability to 'push' regions of interest which are shared in full resolution. This method of requesting 'details on demand' focuses bandwidth on operationally relevant information. ASIGN saves up to 99% of bandwidth, meaning visual observation can arrive up to 100x faster at the ASIGN Server and team members.

ASIGN helps partners such as police, security, search & rescue forces and the UN to make better decisions faster.



ASIGN PRO – Complete Tool for Professionals

ASIGN PRO is a professional field assessment software tool that can be used from smartphones and PCs. The application help field teams to quickly and reliably collect and send geo-referenced pictures, videos, text and assessment forms from their smartphones in the field to an ASIGN host platform. Other ASIGN features include tracking and ‘geo alert’ functioning to increase field coordination and field user’s safety.

ASIGN’s compression of the observations for minimal bandwidth use directly translates into both time and communication cost savings of up to 99%.

For 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.

ASIGN Server - Situational Awareness Portal & Information Management

The ASIGN Pro App data collection and communication tools send the information to the ASIGN online server. An information manager assesses the incoming data, filtering as needed, and can pull more details of photos and video as needed. Both field and central users share the data with others as needed. The ASIGN Server is customized to work both in low bandwidth control centres and in broadband-connected remote headquarters.

The data collected with ASIGN can 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



Save time through fast communication of full-precision Photos & Videos



Full remote situational overview, simplifying Information Management



Swifter decision-making, team management & Mission completion



Optimized for reliable communication over low bandwidth and satellite



Shorter reaction times while saving bandwidth, cost and time

ASIGN is normally sold as subscription service which includes use of an Ansur hosted ASIGN Server. ASIGN can also be installed into a private server.

ASIGN PRO can be downloaded from the iTunes Store and Google play, while the ASIGN Server can be accessed through an online browser.