



# ASIGN

Interactive software for high precision image and video clip transfer

Designed to offer optimised decision-making support even in the most challenging environmental conditions, ASIGN is a multi-faceted interactive suite of visual content applications. Users can quickly select the areas of interest from an image preview or video clip storyboard, and ASIGN ensures the transfer of the selected data in high resolution over low bandwidth cellular and satellite communication networks.

ASIGN content is seamlessly processed and transferred using AnsuR's proprietary GR4-COMS communication protocols to a dedicated ASIGN server. Decision-makers are able to access and interact with the centrally stored visual information from ASIGN Online, a cloud-based smart information management platform.

## KEY FEATURES

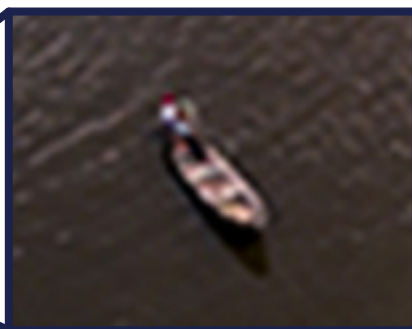
- Tracking: time/distance
- Adding text notes
- Customised reports & forms
- Geo-alerts: safe zones/danger zones sent from the online platform to PRO app users
- GIS mapping
- Links: temporary access for non-ASIGN users to enable crowdsourcing of data
- Computer vision/detection: identification of objects by categories/ customised parameters
- Content grouping & filtering with the possibility to manage access levels

## SOLUTION: MORE THAN COMPRESSION: COMMUNICATION

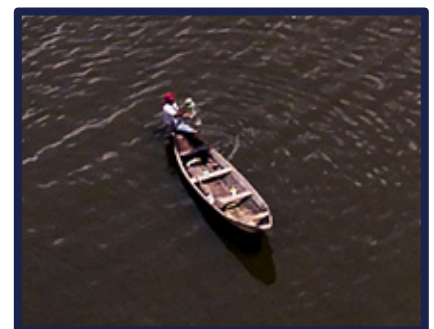
Original image



Without AnsuR (Compression)



with AnsuR



More than just compression:

- First send a preview
- Select what is important



Push / pull in full quality

**Get 100% precision**

**At 1% of cost**

ASIGN consists of a web-based server, storing transferred data, and specialised mobile applications, designed to facilitate efficient exchange of the visual content between remote teams and the head office.

## ASIGN SERVER

The ASIGN Server holds all the information sent from the field. Initially, all transferred files are compressed to 0.1-1% of the full resolution. Upon review, ASIGN Online users may pull the regions of interest in full resolution.

ASIGN Online allows for the filtering of incoming data by several parameters such as location, time, mission, user, type of observation, category and critical status. Computer Vision can help recognise features that the system is trained for such as faces, cars, and license plates.

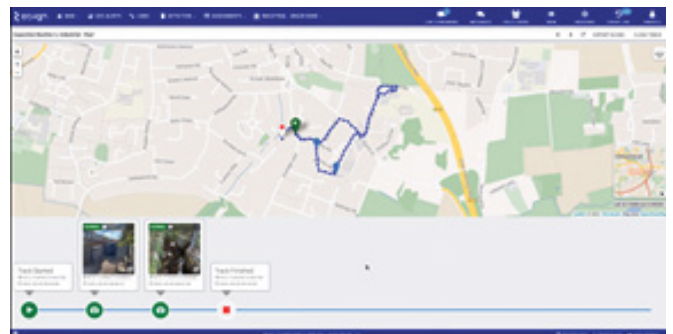
ASIGN Online allows for assessment form creation to enable efficient paperless reporting onsite. Forms are created and managed via ASIGN Online Server and can be further shared with non-ASIGN users.

ASIGN Servers can be cloud-based or on premises, according to the customer requirements. Regardless of the set-up, all communication remains fully secured with end-to-end encryption over the highly robust GR4-COMS protocol.

## HOME DASHBOARD



## TRACKING

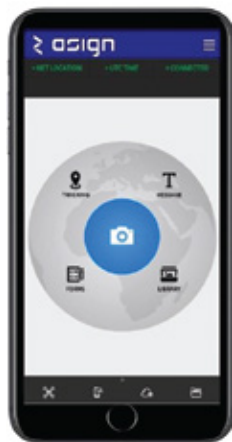


## ASIGN MOBILE APPLICATIONS:



**ASIGN PRO** is the professional smartphone tool, available in iOS and Android operating systems. Capture photos and video clips plus:

- add text notes, priorities and captions
- use computer vision for auto feature detection
- live import to transfer pictures directly into ASIGN
- track users based on time/distance



**UAV-ASIGN** is a smartphone application that enables drone operators to share real-time high resolution geo-tagged images and videos. Highlights:

- includes many of the ASIGN PRO features
- supports live streaming with cellular and high-throughput satcom connections
- optimised for use with DJI drones
- other drones may be supported



It is perfect for relief operations, disaster management, remote maintenance & inspection. Most functions of the apps also work offline with data sent automatically when the network connection is restored.

