IS PROCESSING UAS DATA CUTTING INTO YOUR FLYING TIME?

An Unmanned Aerial System (UAS) is agile, flexible, and quick. It can fly into dangerous or remote areas and quickly collect vital information, returning in a matter of minutes carrying important, timely data. As a result, UAS use has skyrocketed. How does a UAS data provider set themselves apart in such a growing market? Anyone can collect data; the real differentiator is the quality of the product they deliver and the speed at which they can deliver it.

One burden has been photogrammetric processing, which has been intensive, manual, and slow, requiring expensive, complex, and stationary desktop software environments. If the beauty of the UAS is its maneuverability, why does processing UAS data have to be such an encumbrance?
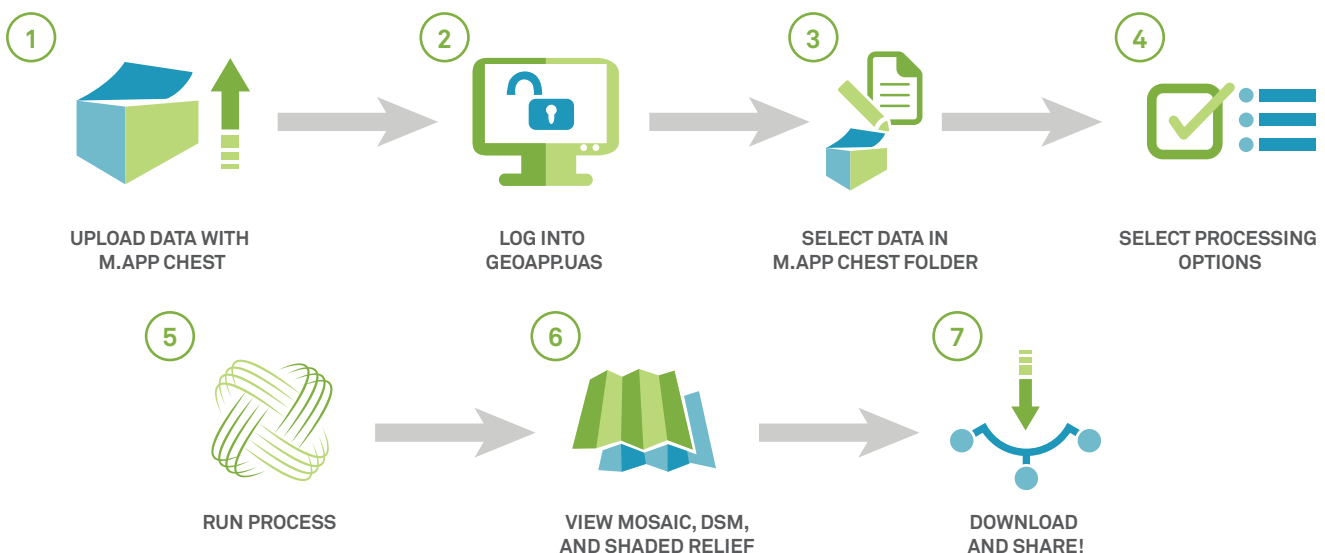
INTRODUCING GEOAPP.UAS

Hexagon Geospatial business partner GEOSYSTEMS GmbH recognized the disparity in the ease of collection and difficulty of processing UAS data. They saw that if you had a simple and efficient way to manage and process your data, you would be on the road to increased success. In response, GEOSYSTEMS developed GeoApp.UAS, a streamlined workflow enabling accurate photogrammetric processing of UAS data using the computational power of the cloud.

HOW DOES GEOAPP.UAS WORK?

GeoApp.UAS is an end to end solution. First you upload your data into M.App Chest (Hexagon Geospatial's cloud-based hosting environment). Once that is done, the GeoApp.UAS dashboard provides a clear and comprehensive view of the workflow, from data ingestion through processing, and all the way to delivery.

Simple, rapid processing and dissemination of results that matches how *easily* we can collect UAS data

1. UPLOAD DATA WITH M.APP CHEST
2. LOG INTO GEOAPP.UAS
3. SELECT DATA IN M.APP CHEST FOLDER
4. SELECT PROCESSING OPTIONS
5. RUN PROCESS
6. VIEW MOSAIC, DSM, AND SHADED RELIEF
7. DOWNLOAD AND SHARE!

HOW GEOAPP.UAS IS DIFFERENT

First and foremost, GeoApp.UAS is an extremely versatile application, enabling you to work with data from any fixed wing or rotary UAS. With GeoApp.UAS, everything you need is already available on the cloud. Plus, you can easily scale up and down to meet your project and deadline requirements.

Even though GeoApp.UAS itself is lightweight, it does not compromise on quality, providing access to a full host of processing functionality. Utilize both compressed or uncompressed input and output raster formats, preview data to make quick changes, and even reproject the output to different coordinate systems.

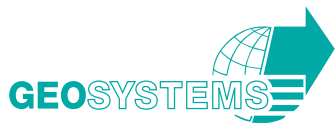## SIGN UP FOR EARLY ACCESS TO GEOAPP.UAS

There has never been a better time to stream your data processing. Visit **hexgeo.co/GeoAppUAS** to participate in our Early Access program.

GET BACK TO FLYING WITH GEOAPP.UAS

GeoApp.UAS removes the burden of data processing from you. Because it is online, it is accessible globally, so you can upload and monitor processing from wherever your job takes you. And with less time spent processing data, you can spend more time flying missions.

One-Stop Shop	Upload, store, process and share your UAS data
Always get the Best Results	Automatically optimize process settings based on input data
Complete Projects on Time	Powerful Amazon Web Services (AWS) delivers fastest processing times
State-of-the-Art Security	AWS infrastructure designed to ensure complete customer privacy

KONTAKT:

GEOSYSTEMS | HEXAGON GEOSPATIAL
CHANNEL PARTNER

GEOSYSTEMS GmbH
Riesstraße 10 | D-82110 Germering
T: +49 89 894343-0 | F: +49 89 894343-99
info@geosystems.de | www.geosystems.de

ABOUT HEXAGON GEOSPATIAL

Hexagon Geospatial helps you make sense of the dynamically changing world. Known globally as a maker of leading-edge technology, we enable our customers to easily transform their data into actionable information, shortening the lifecycle from the moment of change to action. Hexagon Geospatial provides the software products and platforms to a large variety of customers through direct sales, channel partners, and Hexagon businesses. For more information, visit www.hexagongeospatial.com or contact us at marketing@hexagongeospatial.com.

Hexagon Geospatial is part of Hexagon, a leading global provider of information technologies that drive quality and productivity improvements across geospatial and industrial enterprise applications. Hexagon's solutions integrate sensors, software, domain knowledge and customer workflows into intelligent information ecosystems that deliver actionable information, automate business processes and improve productivity. They are used in a broad range of vital industries. Hexagon (Nasdaq Stockholm: HEXA B) has more than 15,000 employees in 46 countries and net sales of approximately 3.1bn USD. Learn more at hexagon.com.