

GeoMon – monitoring for experts.



GeoMon is your professional monitoring solution in an environmental context.

About our company

GeoMon is a young innovative German company that provides high-quality geodata for its clients. The monitoring service GeoMon offers combines acquisition (aerial photography via UAV), post-processing, analysis and cloud supply of the data. The main focus is on environmental issues in areas up to 10 km² and the need for high-resolution images (up to < 2cm/pixel).

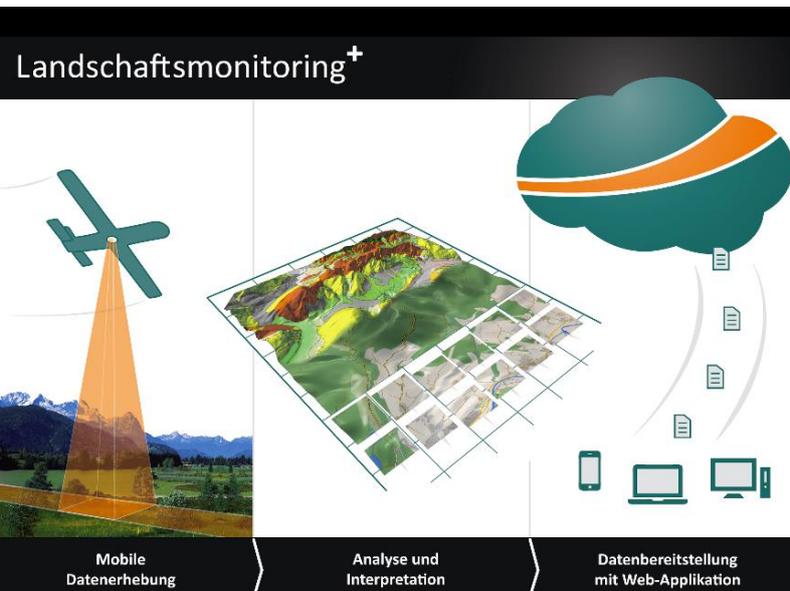
The GeoMon service is crucial for engineering companies, mining companies, the public sector and insurance companies.

Heiko Störkel (Dipl.-Geograph/CEO) is responsible for management, sales, marketing, strategic focus and accounting. Sascha Heising (B.Sc. Geography/CTO) is responsible for technical matters, including hard-/software, procurement, GIS, data security and quality assurance.

Additionally the team has three mentors: Dr. Irene Marzloff competent for geographic matters especially photogrammetric analysis and UAV missions and Dr. Manfred Kirschning in charge for management and business administration advice. This core team is also supported by various specialists for business administration, graphic design, marketing, IT and human resource requirement.



The founders Heiko Störkel and Sascha Heising perform their vision of a high quality geodata service provider



Our service

GeoMon uses unmanned aerial vehicles (UAV) for data acquisition. These high resolution photographs will be stitched in the post-processing to high quality orthophotos. Specialized computer-vision algorithms derive digital terrain models from the data. Eventually GeoMon provides its clients with the final high quality geodata in a cloud service.

Benefits

- + non-invasive airborne technology especially for natural reserves or sensitive areas
- + fast and highly flexible
- + cost-efficient compared to conventional measurements or photogrammetric surveys
- + high temporal and spatial resolution
- + data acquisition, analysis and deployment from one source ensures high compliance and data integrity as well as perfect quality assurance

From space to industry

The used UAV needs GPS satellites for positioning and autonomous navigation. Also the small format aerial images close a gap between satellite images and aircraft-based photography. Furthermore GeoMon is able to analyze satellite images as well as all other aerial photos.

ESA Business Incubation

Aside from the financial support, GeoMon sees the network in and around the ESA BIC as a vital asset for its further development. Especially the connection to the nearby Hessian state office for soil management and geoinformation is of high importance.

Incubation period

The incubation period in the ESA BIC program started in June 2013 and will last until May 2015.

Partners



Contact GeoMon GbR

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