

# CORPORATE PROFILE



## VISION AND MISSION

**Our vision:** We improve our living space through geo-intelligence.

**Our mission:** We organize geoinformation and support our customers in making smart decisions. In doing so, we connect technology and people for a future worth living. We are inspired by innovation and fair cooperation.

GEOSYSTEMS is a GeoIT specialist and supports public authorities, business and research in using geodata efficiently for decision-making processes.

Based on over 35 years of experience, we develop downstream services that process satellite image data in a highly automated manner in fusion with other data sources and make the results accessible in interactive web applications.

Our solutions are used in areas such as urban sustainability, infrastructure, natural resources, land surveying, climate adaptation, CO2 compensation, smart agriculture, forests in climate change and security. GEOSYSTEMS is an OHB subsidiary based in Gilching near Munich.

## SOLUTION AND SERVICES

We develop GeoIT solutions so that spatial data can be processed, analyzed and provided efficiently, and reliable geoinformation is quickly available for decision-making.

Application-specific geo-analytics, which automatically extract the desired information from satellite data, aerial images or UAV data, are at the heart of this. Additional specialist data sets are integrated

and AI-based algorithms are used alongside rule-based analyses.

Data and results are accessible via web services and intuitive geo-dashboards. They are available to all participants across departments and from different locations.

Our solutions include high-performance geodata management with homogenized



data catalogs, versatile query options and integrated geoprocessing for automated evaluation processes.

Last but not least, our solutions can be integrated into existing IT and business environments and do not lead an “island” existence.

### Products and platforms

Our solutions and services are primarily based on the renowned Hexagon Geospatial products and platforms, for which we have been a very successful reseller for decades.

The Hexagon portfolio meets all expectations when it comes to remote sensing, GIS, photogrammetry, data management, browser-based applications and 4D real-time applications.

Hexagon’s products offer tools for analyzing satellite image data, aerial images, UAV data and point clouds, for radar, optical and hyperspectral data. The entire photogrammetric evaluation and 3D environments for stereoscopic analysis are also part of the portfolio, as is a universal GIS package.

A platform for spatial data management that merges, organizes and distributes enormous amounts of data from heterogeneous sources as well as ultra-fast data streaming are also part of the Hexagon portfolio.

With the Luciad platform, we create customized 4D applications in location intelligence and real-time position recognition.



**Why us? Because as an IT consultancy specializing in spatial data, we use technology precisely for the benefit of our customers and partners. We develop customized solutions that optimally support business processes. At eye level, with expertise and commitment. „Geo“ is our passion!**

*Armin Hoff, Managing Director GEOSYSTEMS GmbH*

## „HOME-MADE“ GEOSYSTEMS PRODUCTS

**The bridge between standard software and special solutions!**

- Automatic photogrammetric UAV data processing from raw data to orthomosaics, elevation models and 3D views: **IMAGINE UAV**
- High-quality atmospheric and topographic correction of satellite data as well as excellent haze removal: **ATCOR workflow for IMAGINE.**
- Excellent cloud/haze/shadow masks and automatically generated cloud-free Sentinel mosaics: **IMAGINE NoClouds**
- Versatile automated download and processing of Sentinel data: **Sentinel Made Simple**







### Up close and personal

With an excellent understanding of industry applications, we capture work processes and map requirements in the new system as required.



### Looking ahead

We take a look at the current situation and keep an eye on future requirements. Your GeoIT system is future-proof and keeps pace with growing demands.



### Customized solution

Every application has different criteria. That's why we offer individual, scalable solutions as a solution as a service, for desktop and server or as a web-based and mobile application.



### Technological strength

Outstanding expertise in software and applications, coupled with personal service, is the foundation of our long-standing company history.

## COMPANY DATA

- Foundation: 1989
- Company Headquarter: Gilching
- Managing Director: Armin Hoff
- 100% subsidiary of OHB SE since 2022
- Hexagon Partner since 1989
- Subdistributors in Germany and Switzerland. Partner company GEOSYSTEMS Hellas in Greece
- Customers: Industry, authorities, research and education, EU/ESA

## GEOSYSTEMS AND OHB DIGITAL

As part of the German space technology group OHB SE, GEOSYSTEMS contributes to the success of the OHB Digital business unit and strengthens the activities of Downstream Services.

## CONTACT

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