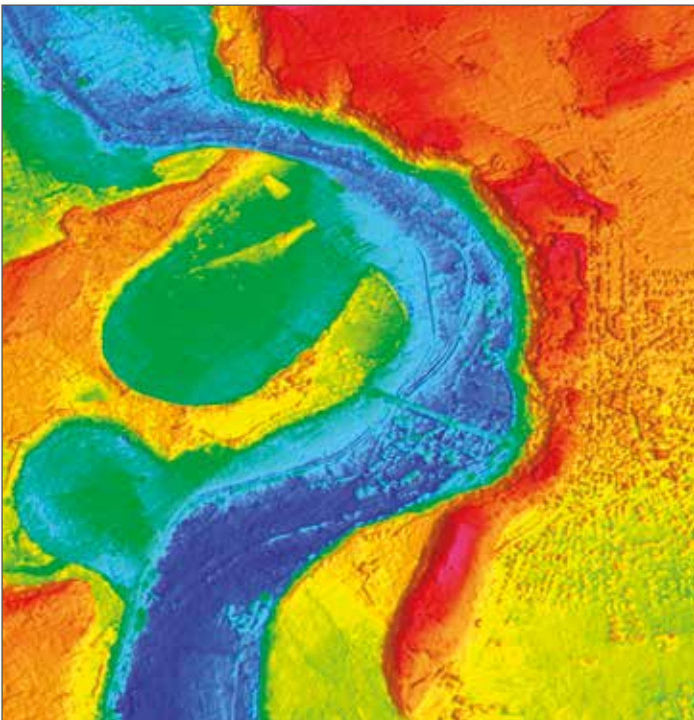
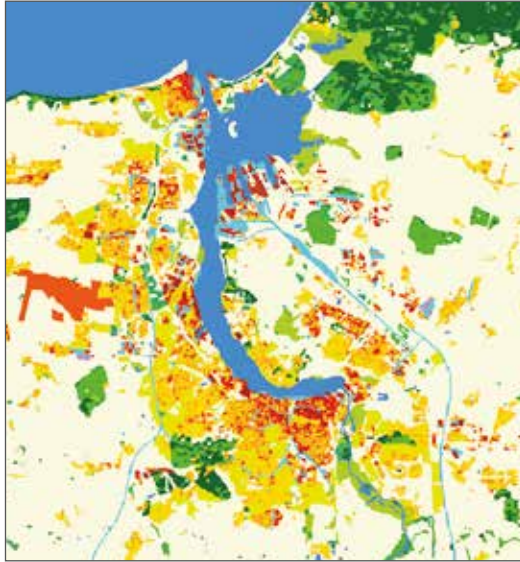




Geo-information and more



Our Service Portfolio

Expertise and complete solutions from a single source

Based on many years of expertise and experience in the fields of geo-information, remote sensing, GIS, information and communication technology, GAF provides its customers with highly efficient and powerful solutions that are at the same time comprehensive and customized to specific needs. GAF offers fully integrated technical and institutional assistance and management consultancy underpinned by services and products which include geo-data procurement, the provision of standard products and recurrent services, as well as comprehensive IT solutions.

In this context, GAF has identified and developed a portfolio for the following key areas:

Geo-Data Store and Data Reception

- One-stop-shop for earth observation data
- Land cover and land use data
- Digital elevation and surface models
- Bathymetry

Data Processing

- Digital image processing
- Mapping and monitoring
- Digital cartography and map production
- Virtual reality 3D/4D

Spatial Information Systems

- System analysis, integration and migration
- GIS/DB design and implementation
- Application development
- Spatial data structure concepts

Integrated Satellite Services

- Combination of space & non-space technologies
- Integration of satellite communication, navigation and earth observation

Geo-Software

- Development of customized spatial software
- Desktop-, Web- and mobile-GIS
- Geo-webservices, SDI-development
- 3D and virtual reality

Management Consulting and Training

- Project requirements analysis, definition, supervision and management
- Sector and process analysis
- Professional and institutional consulting
- Training and knowledge transfer





The Company

GAF was founded as a private sector enterprise by Dr. Rupert Haydn in Munich in 1985. Since then, it has developed from being a value-adding company within the sphere of remote sensing and digital image processing into an internationally active company with leading competence and global experience in management consultancy, development assistance, earth observation, information systems and spatial software development.

GAF is part of the Telespazio Group, which constitutes a multinational network, and is strategically embedded in the Space Alliance consisting of the European high-tech leaders Leonardo and Thales.

Today, GAF is globally active and has an international reputation as a competent provider of project design, management and implementation services to private and public clients. GAF has set new standards in quality, competence and reliability, while simultaneously developing a high-performance and multi-disciplinary range of products and services.

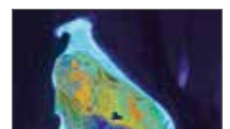
GAF's interdisciplinary team comprises highly qualified individuals with professional experience in geoinformation and information technology, disposing a mix of educational backgrounds in geography, geology, agriculture, forestry, cartography, informatics, surveying and land management. GAF employs more than 220 professionals.

Our Philosophy

GAF's mission is always to develop products and services that exactly match the needs of the customers and the market, and that exceed the expectations of users and recipients. Today, the firm is proud of its developments and solutions, which guarantee its clients customised and often unrivalled products and services, and which therefore also document and reflect the leading technological position of the company.

The company's service philosophy is based on the following key principles:

- Listening carefully to clients and providing individual solutions
- The provision of integrated and demand-oriented solutions
- Being attentive to market developments and policy directives
- The development and implementation of sustainable solutions
- Continuous enhancement of the in-house quality management system
- A particular focus on technical excellence and customer satisfaction



Market Segments

Multi-disciplined and multi-faceted analytical approaches have enabled GAF to recognise and satisfy customer needs both in the public and the private sector.

While in the private sector the majority of geo-information needs are driven by innovation and products, development in the public sector is controlled mainly by national and international policies. These processes are intimately linked to the concerns of governments and international organizations, as well as the interests of and issues faced by global citizens.

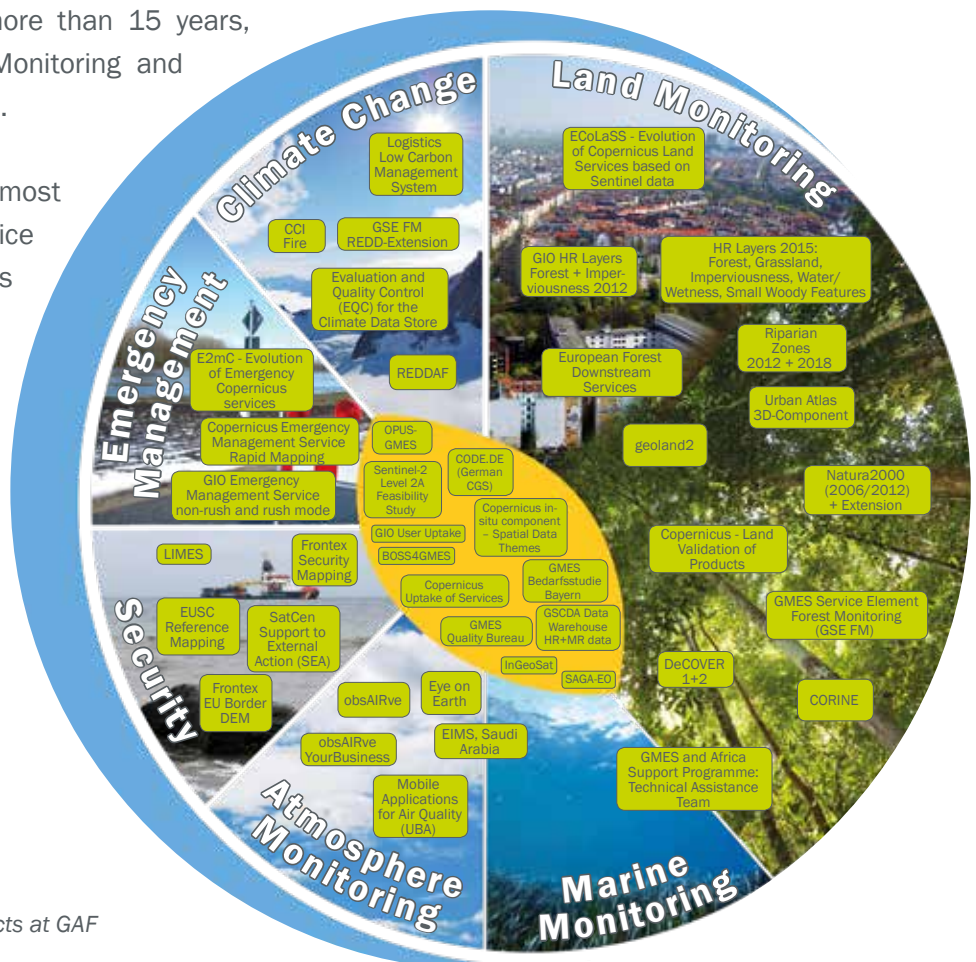
In the past three decades since its founding GAF has constantly developed and addressed new business sectors (see opposite page). At the same time, the company has continuously and systematically expanded its production, application and consulting capacities to fully match the needs of the market.

Focus on Copernicus

The European Earth observation programme Copernicus aims at ensuring a reliable and sustainable provision of global data and information products on environmental, climate and security related issues.

GAF is significantly involved in all six thematic services of the Copernicus programme since more than 15 years, with a strong focus on Land Monitoring and Emergency Management solutions.

Meanwhile GAF is one of the most important European service providers in the Copernicus programme, capitalising on its long-standing experience and leading role in operational earth observation applications.



Copernicus projects at GAF

Public Sector

Mineral Sector Reform

geological mapping, geological and sub-surface information systems, mineral/hydrocarbon cadastres, capacity development

Nature Resources Management

biodiversity, habitat and sensitivity mapping, change detection, sustainability and impact assessment, Decision Support Systems (DSS)

Forestry Policy

land cover, land type and forest mapping, monitoring, modelling, climate change, REDD

Agricultural Policy

subsidy controls, production statistics, cadastres, software

Defence/Military

geo-data, GIS, topographic feature mapping, software development

Coastal Zone Management/Marine

mapping and GIS, Environmental Sensitivity Index (ESI) mapping and oil spill monitoring

Civil Security

subsidence and rapid mapping, flood information systems, navigation and rescue systems, emergency mapping services (24/7)

Water Management

water resources mapping and monitoring, modelling, integrated and trans-boundary water resources management

Air Quality

monitoring and forecasting, information dissemination (web mapping, apps...)

Border Information

boundary mapping, border management and monitoring, information systems

Land Management

technical processes in land administration, land use management and land development, information systems

Private Sector

Utility/Infrastructure

network information, mapping and management information systems

Media/Press

3D visualisation, rapid mapping

Oil/Gas/Mining

exploration mapping, GIS, geo-data, Digital Terrain Models (DTM)

Telecommunication

land cover and DTM data

Telematics/Automotive Industry

software, geodata, geomarketing, fleet management

Insurance/Banks

damage mapping, vulnerability assessment, tailor-made software development



Company Data

Company name:

GAF AG

CEO:

Dr. Sebastian Carl

Supervisory board:

Massimo Comparini, Dr. Peter Volk, Letizia Colucci

Type of business:

- Geo-data Store and Data Reception
- Data Processing
- Spatial Information Systems
- Integrated Satellite Services
- Geo-Software
- Management Consulting and Training

Affiliated to:

e-GEOS S.p.A., Matera, Italy,
a Telespazio/ASI company,
member of Leonardo/Thales Space Alliance

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an e-GEOS (ASI / Telespazio) Company

Headquarters

Arnulfstraße 199
80634 Munich, Germany
Phone: +49 89 121528-0
Fax: +49 89 121528-79
info@gaf.de • www.gaf.de

Branch Neustrelitz

Kalkhorstweg 53
17235 Neustrelitz, Germany
Phone: +49 3981 4883-0
Fax: +49 3981 4883-20
info@gaf.de • www.gaf.de