



Federal Agency for
Cartography and Geodesy

Geodienstleistungen Deutschland

Bundesamt für Kartographie und Geodäsie

Geodaten der deutschen Landesvermessung

Digital Orthophotos



When Images Turn Into Information

OFFICIAL GERMAN MEASUREMENT

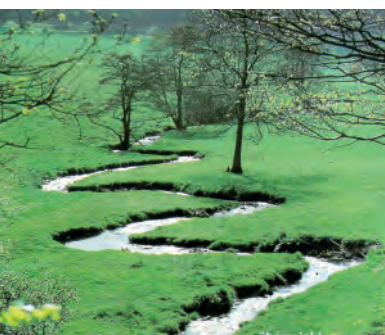


When Images Turn into Information - Digital Orthophotos (DOP)

Aerial Images with the Manifold Qualities of a Map

There is no more comprehensive form to represent a landscape than by a photo. Today innumerable Internet services profit from the positive qualities of digital aerial images and from what these evoke in the observer. They inspire the natural curiosity of man as well as his pleasure of looking at the world from the bird's-eye view. Due to their simple interpretability and genuine representation they have proved successful similarly as a part of a brochures or as an information element in the course of a real estate hypothecation.

Digital orthophotos, however, do not only open up purely visual evaluation possibilities for you. Due to their uniform scale they have all characteristic features of a classic map. Measuring of distances or the calculation of areas is therefore possible. The orthophotos can as well be amended by further selected contents, e.g. from digital landscape models. By the integration of street names and administrative boundaries in combination with one's own planning information orthophotos become an indispensable presentation medium with high recognition value.





Your Advantage – Your Added Value

Regional Planning

- Emotional and realistic presentation of planning projects, easily understandable for everyone, the base for a broad acceptance

Documentation

- Representation of time series as a complete proof of changes of the landscape, important basic information for questions of regional studies and history as well as for the preservation of evidence

Real Estate Management

- Comprehensive additional information about the location of an object, upgrading for sales kits, expressive and informative in combination with „Points of Interest“ (e.g. public transport stops, schools, shopping facilities)

Building Industry, Network Service Providers

- Preliminary information for building projects, possibly saving on-site appointments, considerable cost saving for the enterprise

Environmental and Nature Protection

- Recognizing of hazardous waste from the past, detection and proof of sealed areas, preservation of evidence of damages caused by natural phenomena (e.g. effects of inundations or storms)

Further Areas of Application

- Agriculture and forestry, mining, water management, archeology, geology, tourism

Emotion and Significance Combined with Geometric Precision – Of Official Attested Quality

The quality of digital orthophotos depends to a high extent on the Digital Terrain Models used for the rectification of the original aerial images. For that the surveying authorities of the Federal States of Germany use a dense digital terrain model especially collected for this purpose. This is the base for a superior positional accuracy of the official orthophotos. With ground resolutions of 20 - 40 cm moreover highest demands are met as regards level of detail and sharpness of the images. Also in the long run continuous aerial surveys in the Federal States ensure a high topicality for them.

Contact

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Internet: www.bkg.bund.de, www.geodatenzentrum.de

or over the sales office of the federal states
(contact on the reverse side)



Amtliches Topographisch-Kartographisches
Informationssystem

Länderübergreifende, bundesweite Vertriebsstellen des Amtlichen deutschen Vermessungswesens

Geodienstleistungen Deutschland

Landesvermessung und Geobasisinformation
Niedersachsen

SAPoS® — Satellitenpositionierungsdienst der
deutschen Landesvermessung

Tel.: 0511 64609-133
E-Mail: sapos-zentrale-stelle@lgn.niedersachsen.de
www.zentrale-stelle-sapos.de

Geodienstleistungen Deutschland

Bezirksregierung Köln
Hauskoordinaten und Hausumringe des
deutschen Liegenschaftskatasters

Tel.: 0221 147-4481
E-Mail: hauskoordinaten@bezreg-koeln.nrw.de
www.geobasis.nrw.de

Geodienstleistungen Deutschland

Bundesamt für Kartographie und Geodäsie
Geodaten der deutschen Landesvermessung

Tel.: 069 6333-400 / -445
E-Mail: geodatenvertrieb@bkg.bund.de
www.geodatenzentrum.de

Vertriebsstellen in den Bundesländern

Baden-Württemberg

Landesamt für Geoinformation und
Landentwicklung Baden-Württemberg
Tel.: 0711 123-2831
www.lgl-bw.de

Bayern

Landesamt für Vermessung und
Geoinformation
Tel.: 089 2129-1111
www.geodaten.bayern.de

Berlin

Senatsverwaltung für Stadtentwicklung
Abt. III-Geoinformation
Tel.: 030 9012-5628
www.stadtentwicklung.berlin.de/geoinformation/landesvermessung/karten_luftbilder

Brandenburg

Landesvermessung und Geobasis-
information Brandenburg
Tel.: 0331 8844-123
www.geobasis-bb.de

Bremen

GeoInformation Bremen
Tel.: 0421 361-4653
www.geo.bremen.de

Hamburg

Landesbetrieb Geoinformation und
Vermessung
Tel.: 040 42826-0
www.geoinfo.hamburg.de

Hessen

Hessisches Landesamt für Boden-
management und Geoinformation
Tel.: 0611 535-5236
www.hvbg.hessen.de

Mecklenburg-Vorpommern

Amt für Geoinformation, Vermessungs-
und Katasterwesen
Tel.: 0385 4801-3002
www.lverma-mv.de

Niedersachsen

Landesvermessung und Geobasis-
information Niedersachsen
Tel.: 0511 64609-333
www.lgn.niedersachsen.de

Nordrhein-Westfalen

Bezirksregierung Köln
Abteilung 7 / GEObasis.nrw
Tel.: 0221 147-4994
www.geoportal.nrw.de

Rheinland-Pfalz

Landesamt für Vermessung und
Geobasisinformation Rheinland-Pfalz
Tel.: 0261 492-0
www.lvermgeo.rlp.de/shop

Saarland

Landesamt für Kataster-, Vermessungs- und
Kartenwesen
Tel.: 0681 9712-03
www.lkvk.saarland.de

Sachsen

Staatsbetrieb Geobasisinformation
und Vermessung
Tel.: 0351 8283-0
www.landesvermessung.sachsen.de

Sachsen-Anhalt

Landesamt für Vermessung und
Geoinformation Sachsen-Anhalt
Tel.: 0391 567-8585
www.lvermgeo.sachsen-anhalt.de

Schleswig-Holstein

Landesvermessungsamt
Schleswig-Holstein
Tel.: 0431 383-0
www.lverma.schleswig-holstein.de

Thüringen

Landesamt für Vermessung und
Geoinformation
Tel.: 0361 3783-755
www.thueringen.de/vermessung



Arbeitsgemeinschaft der Vermessungsverwaltungen
der Länder der Bundesrepublik Deutschland

www.adv-online.de