



Geographic Information System





GEOPOWER: SCALABLE DESIGN AND HIGH-PERFORMANCE GIS SOLUTION WITH ROBUST LOCATION ANALYSIS

HAVELSAN KAŞİF is a robust GIS solution designed to cater to defense, security, and civilian sectors, offering high-precision data and analysis capabilities that enhance decision-making processes.

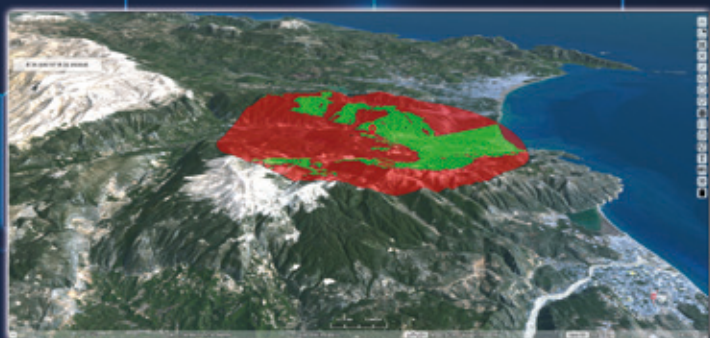
The **KAŞİF** product family encompasses a range of GIS solutions tailored to different environments. **KAŞİF-J** is optimized for client environments, **KAŞİF-W** is geared towards Web applications, and **KAŞİF-S** is designed for server environments. These solutions are characterized by scalability, high-performance, and seamless integration with various development environments.

With its comprehensive set of features, **KAŞİF** empowers users to visualize data, analyze location based data, and make well-informed decisions, thereby elevating situational awareness and maximizing decision-making efficiency. It serves as a reliable technology product family from **HAVELSAN**, contributing to improved operational capabilities and effective strategic planning.

KAŞİF-W

KAŞİF-W client library is a powerful tool that easily integrates into web applications and increases situational awareness. It provides visualization of maps, geographical drawings, and symbology support capabilities by displaying the elements on the map. KAŞİF-W client library is a valuable asset for any organization that needs to improve its command and control capabilities. It is easy to use and can be integrated into any web application.

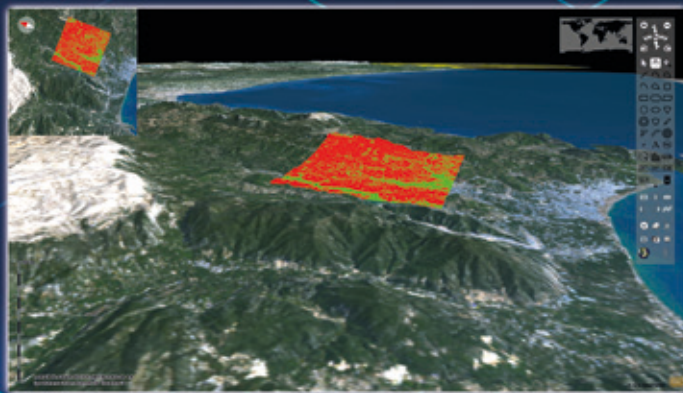
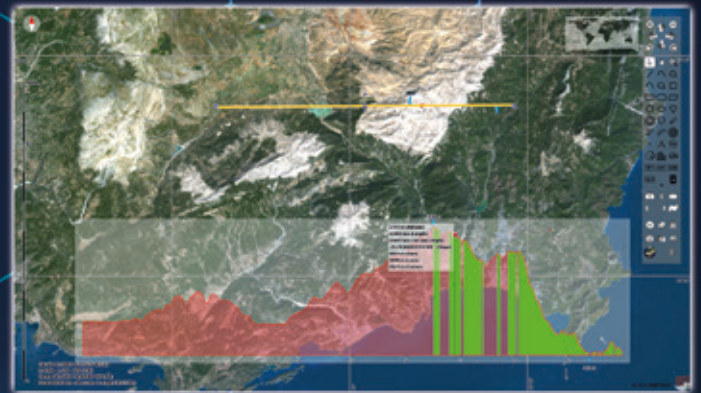
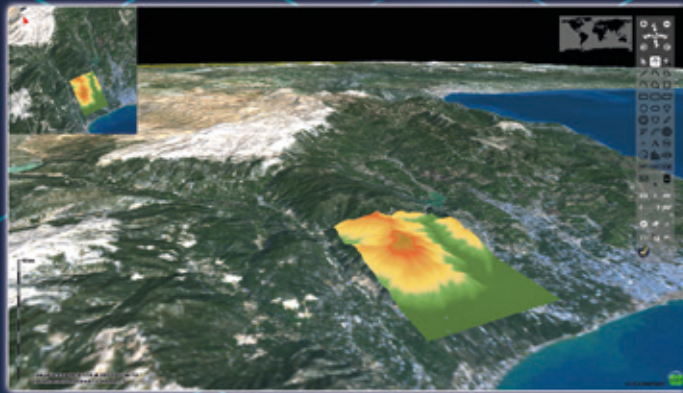
- » **Easy integration with web applications**
- » **Easy integration with C++ platforms such as QT and provides CMAPI 1.3.0 support**
- » **WebGL based drawing capabilities**
- » **Time-dependent playback of historical or real time data**
- » **Multi-language supports (Turkish, English and Arabic)**
- » **Virtual Flight on the map, Geographic Analyses**



KAŞIF-J

The versatile KAŞIF-J client library seamlessly integrates into desktop software, enabling effortless access to a wide array of features, including performance map display, geographical drawings, symbology support, and advanced analysis capabilities. This integration enhances situational awareness for air, land, and sea defense platforms, empowering users with efficient and comprehensive tools for informed decision-making.

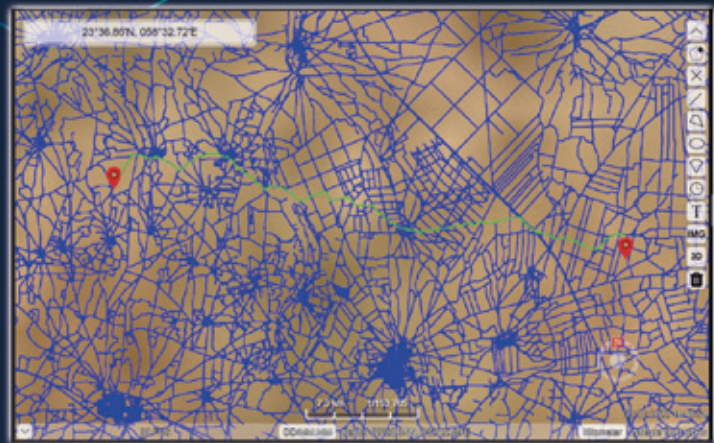
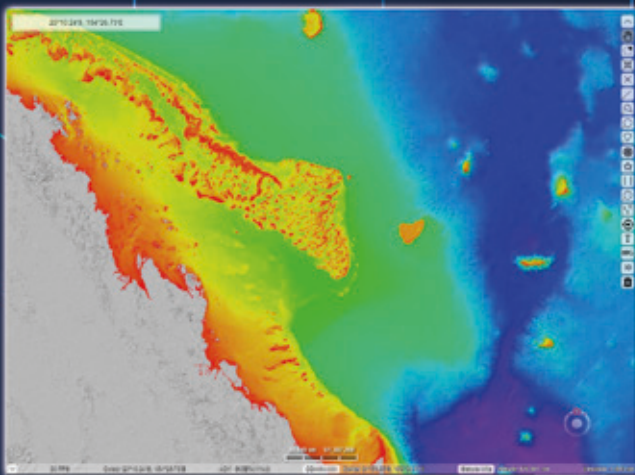
- » **Provides high performance GIS solution for desktop-based systems and environments**
- » **Map import option from OGC compatible services/providers**
- » **OpenGL based drawing capabilities**
- » **Easy integration with desktop applications**
- » **Geographic Analyses**
- » **Multi-language supports (Turkish, English)**



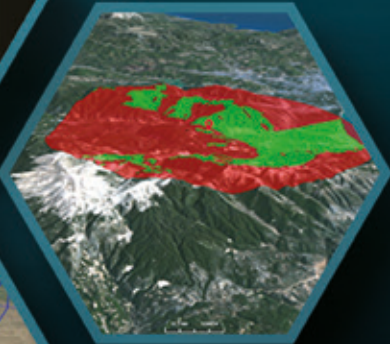
KAŞIF-S

In order to meet the global standards set by institutions like the Open Geospatial Consortium (OGC), the publication of maps requires adherence to spatial Web standards. KAŞIF-S guarantees OGC compliance, ensuring that data and analyses are presented in a manner that is compatible with OGC standards. This enables the seamless sharing of maps and analyses with any OGC-compatible client, facilitating easy collaboration and interoperability on a global scale.

- » **User-friendly interface for management of server functions**
- » **Electronic Navigational Chart (ENC) Support (S57/S63/AML)**
- » **Meteorological Maps Support (NETCDF, GRIB, Metar)**
- » **Location-Based/Geographic Visualize and Analyses**
- » **Compatible with KML, GML, ERDASImg, ECW, ArcGrid, EHdr, ENVIHdr, DTED, SRTM, DEM, GeoTIFF, SHP (ESRI Shapefile) formats**



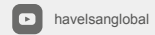
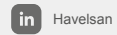
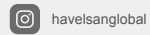
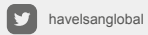
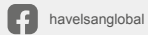




KAŞIF OFFERS

- » Map Presentation based-on Open Geospatial Consortium (OGC) Standards (WMS, WFS, WCS, WMTS)
- » Display 2D/3D realistic terrains on web and desktop applications/environments
- » NATO APP-6A/6B/6D Military Symbology Standards
- » MIL-STD-2525C Military Symbology Standards
- » TAF MS-76-2 Military Symbology Standards
- » Geographic Visualize and Analyses
- » Fundamental GIS drawing capabilities
- » Electronic Navigational Chart (ENC) Support (S57/S63)
- » Various Coordinates and Projections Support

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