eurofunk

creating safety by technology

GEO Appliance

Efficient processing of
geographical information

PRODUCTS | SOLUTIONS | SERVICE

GEO Appliance

mobile

ELDIS

UCIP

Geo Appliance
web-based services
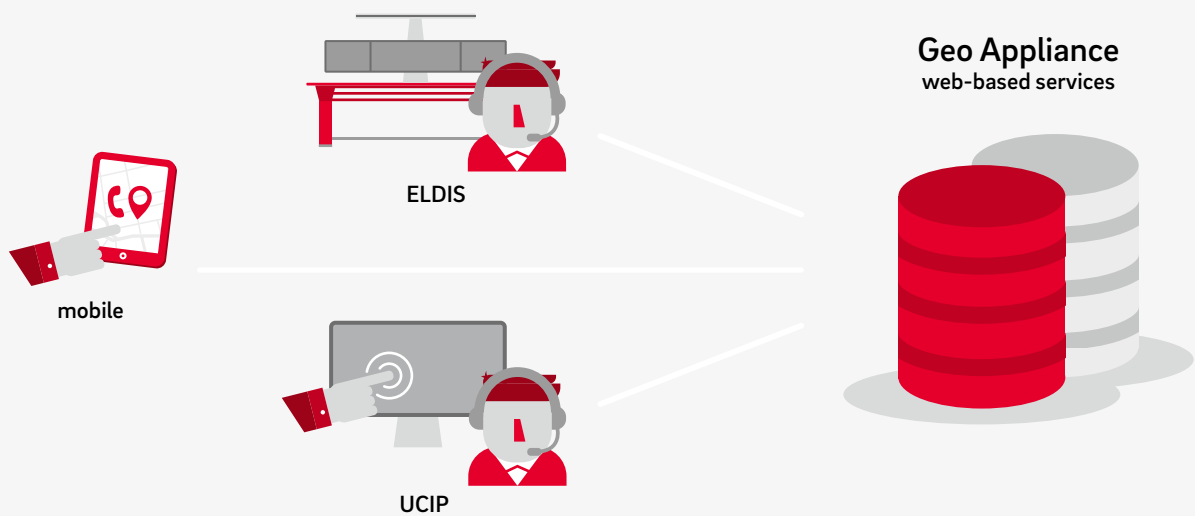
Having a visual representation of the incident location helps dispatchers to handle emergency calls and incidents better and more efficiently. It also gives them an overview of the situation at the incident location as well as the surrounding conditions. How informative this information is, depends to a large extent on the quality of the maps. These should be easy to expand, always up-to-date, and include a variety of different maps and sources of information. This information should be kept on hand in the control center and be permanently available to the workstations.

eurofunk GEO Appliance is a perfectly adapted complete solution. It combines software and hardware components that allow for a wide variety of graphical data from different sources and different formats to be consolidated and made available to the GIS applications used by the command and control system at the control center.

The OpenStreetMap module, which is part of the standard package provides the user with immediate and high-performance data following successful completion the necessary pre-calculations. Additionally, existing building plans, aerial photographs or web services can be integrated. A software component is provided to conveniently organize the existing geographical data. This can be installed easily on various clients and operating systems.

FEATURES

- Maps are available in various standardized web services: OGC WMS, OGC WMTS, TMS, KML, WCS, WFS, WMS-C
- Existing geographical data can be conveniently processed, edited, organized and integrated at a central point
- OGR data, GDAL grid formats and other standardized web services can all be integrated
- Up-to-date OpenStreetMap data is integrated and made available
- A cost-efficient and sustainable solution thanks to an innovative combination of various open source products
- Allows fast and easy access to geographical information

By using the standardized web services, maps made available by GEO Appliance can be retrieved and displayed in any geographical information system that supports these standards. This allows geographical information to be retrieved and used by eurofunk products and solutions, as well as by third-party products.

external geodata
services

www

Firewall

BENEFITS

- Centralized storage ensures quick and easy management of graphical data
- Graphical data is available on all GIS platforms that support the standardized web services, whether an internet connection exists, or not
- eurofunk offers the possibility of integrating and pre-calculating various data sources – this means that high-performance graphical data is available for immediate use
- Customers can organize existing graphical data on an individual basis
- No license fees are incurred due to the provision and use of open source products
- Graphical data is made available in various coordinate systems and projections

GEO Appliance is available in a package that includes the appropriate IT infrastructure.

The IT infrastructure is divided into several expansion levels from a single server to a complete, redundant server system. Storage capacity that is tailored to individual requirements, backup scenarios and integration of the IT infrastructure into a fault-monitoring system round off the scope of services.

AREAS OF APPLICATION

Command and Control System
GEO Appliance geographical information can be integrated into the standard GEO module in the ELDIS 3 command and control system. Use this modern web-based solution to obtain information and make it available to the relevant operations workstations.

Communications System
Would you like to display emergency calls visually on your communications system and know at once where the call was made? When you receive emergency calls in accordance with the eCall standard, you can immediately access the accompanying geographical data (location, direction, last positions, radio cell) at the emergency call inquiry stage. The maps required for this are supplied by GEO Appliance.

❯ We are happy to discuss further application options with you!

eurofunk

creating safety by technology

eurofunk KAPPACHER GmbH
eurofunk-Straße 1 – 8
5600 St. Johann im Pongau
Österreich / Austria
T +43 57 112 - 0
T +49 7231 7782 - 0
office@eurofunk.com
www.eurofunk.com