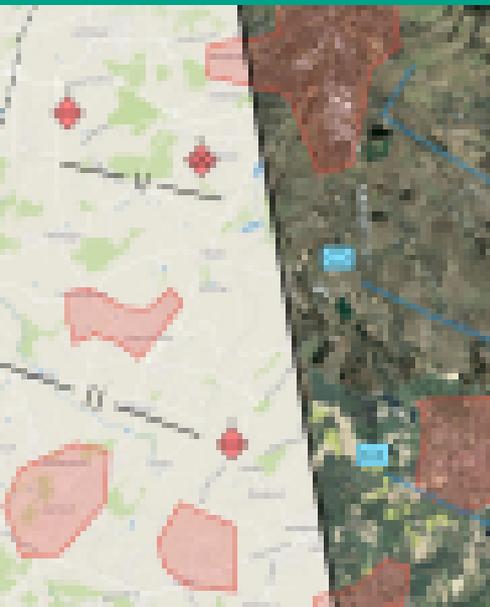


DigLT
Interactive Situation Analysis



The digital map table (DigLT)

The digital map table is a software system for shared situation visualization and analysis. Any number of users can work independently of each other on the same situation, using personal computers and tables alongside shared digital tables or large screens. The underlying software is flexible and can easily be custom-tailored towards specific needs and extended depending on the requirements. It also ranges from observational use to decision preparation, decision execution, and decision. A broad range of data sources and geodata can be integrated to provide the right information for each use case. This provides the basis for correctly judge the situation and make the right decisions.

Structural Awareness

The concept of structural maps for visualizing a working situation uses markers and filter the displayed map information. Maps can be structured and filtered to combine the information into a single coherent view. DigLT provides interfaces for many different internal and external users of data, thus allowing users to access a wide range of data with the help of a wide range of information such as geographic coordinates, data, for other users, data flow, background, currently supported functionality ranges from sharing and assessment tools, use of AR, geospatial, structural visualization, up to a flexible, which allows to freely move through time and separate structural awareness in their situations.



Users

Support of various types
of users: users, digital workers,
mobile and more



All Structural Awareness

Integration of the awareness of
time to share any event



Data Export

Support of other
formats: CSV, PDF, ...



Multi-user Support

Multi-user work in desktop and
mobile, cooperative technologies



Layer Management

Multi-dimensional
to help using other layers



Data Storage

Long-term storage of data
(cloud, local, ...)



Adaptable

Customize user
and interface



Wireless Connectivity

Support of various
connectivity



Geo-Tracking

Tracking of individuals,
the time being geospatial data



Geo-Services

Visualization and control
of various, indoor and more



Device	Desktop PC, HPC, tablet, PDA
Client	■ DigIt 1
Server	■ DigIt 1
Client	■ DigIt 1
Device	■ DigIt 1, Desktop PC, Tablet, Smartphone



Client Devices

The DigIt software runs on a wide variety of connected devices. Depending on availability, all devices can access all available data sources. The mobile devices that the Open Geographic Consortium (OGC) is used as a wide range of mobile environments. The open and modular architecture allows for easy integration of proprietary interfaces as well.

All information can be DigIt in separate layers, which can be applied independently and selectively combined for visualization. It includes elements used to display all information DigIt ready which allows for great flexibility in data visualization. Integrate a browser.



Virtual Reality

Virtual reality offers an affordable way of remote collaboration as well as a true three-dimensional display of geodata such as situation models, 3D models, and point clouds. The virtual reality version of the DigIt software DigIt VR is connected to the wire back and so the web availability, so all information is available in the real as well as the virtual world.

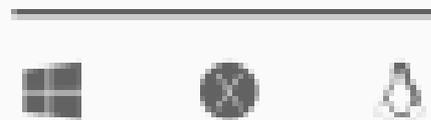


Architecture

The use of the DigIt software is a server based (DigIt 1) which uses geodata, maps, configurations and provides all functionality. Both the web-based DigIt 1 and the direct multi-client DigIt 1 provide view from the wire back and HTML the web-based client runs on almost any device, especially the high-resolution tablet DigIt 1. The virtual reality client supports the HTC Vive (VR) and Oculus Rift.

Integration

The DigIt can easily be integrated into any environment. The underlying technology supports any major operating system and the wide variety of interfaces allows for easy connection to existing data sources. Especially the support of OGC standards such as Web Map Service (WMS), Web Feature Service (WFS), Open Layer Description (OL) and Mobile Geodata such as Virtual Earth, which offers an additional way of interacting with the DigIt software. Custom interfaces for proprietary interfaces can be provided upon request.



REQUIREMENTS: NETWORK OR WIRELESS, OPENING TECHNOLOGIES, OPERATING ENVIRONMENT
 Windows/Ubuntu / Linux
 Tablet / Smartphone

INTEGRATIVE SYSTEMS
 DigIt 1, Microsoft, Bentley, AutoCAD, ArcGIS, etc.
 Other: www.digit.com/en/interfacing



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