



freeDatamap



Adapt your data to your mental model
Mind Mapping + Business Intelligence = **FreeDatamap**





What is free**D**atamap ?



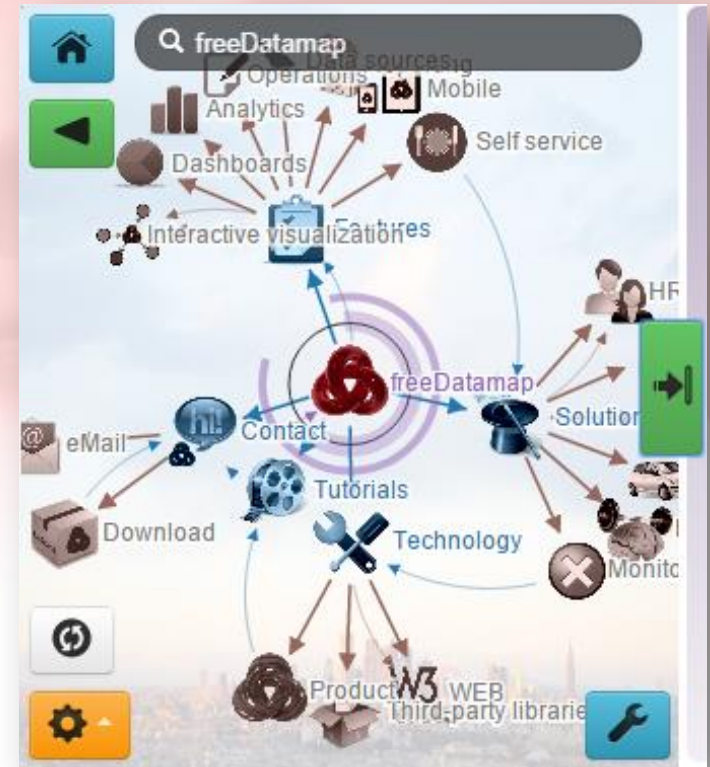
FreeDatamap's purpose : representing spatially, business data that have no intrinsic spatial properties.



FreeDatamap provides a unique way to browse any kind of data.

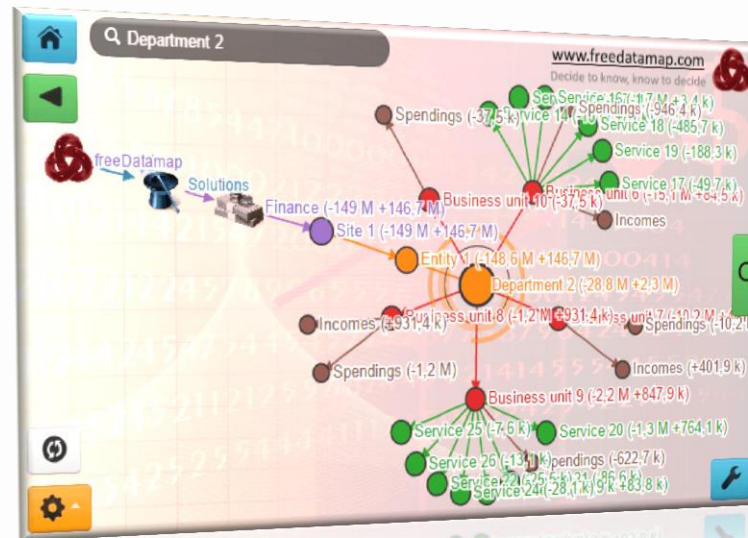
It is a web application that provides the possibility to navigate into structured and unstructured data. With its unique algorithm, freeDatamap is able to create a tree structure from flat data. It gathers in one map all the heterogeneous key information of a company.

FreeDatamap helps turning flat and boring sheets of data into a unique visual compelling dashboard allowing to place decision makers at the very center of the information





What does freeData**D**atamap ?



FreeDatamap allows visualizing data

It displays data in a force oriented circular layout with a right panel showing the attributes of the selected node. You can browse a big bunch of data by going through any desired node and discover its underlying data. This makes freeDatamap ideal for exploring large datasets.

The physic engine algorithm makes nodes position themselves according to the 2D space around and according to the dependencies they have with each other. It leads to an **optimal layout** to see the maximum number of information in one glance.

The graph is interactive and allows users to move nodes as well as navigating through them.

FreeDatamap does analytics

For each node of the graph, there is a set of properties displayed on the right panel. In the right panel you'll find either raw attributes or aggregated ones (sum, average, whatever) with charts providing a visual representation of the data hidden under the selected node.

Thanks to a fast and **powerful aggregation algorithm**, remote relationships can be bridged through a **unified view** from where you can navigate and **drill down** from macro data to micro.

A multidimensional aggregation is computed recursively from the deepest parts of the graph to its root.

FreeDatamap is **built to be flexible**.

FreeDatamap does monitoring

Alerts and progression gauges can be added to any node and displayed at the root node but also for each level of your organization.

Any warning coming from any sub-node will raise a warning icon on each node of its parent's branch. You want to see the completion percentage of an operation? Just look at the gauge and then drill down in the graph to find the red gauge and identify the bottleneck.



Easy to modify

Take the control of your data: from your map you can edit, move, delete any part of the data structure and re-launch the aggregation process to simulate the impact of the organization change.

The capability of **changing the map** from within the map can be used to measure the effectiveness of an organizational change. You want to simulate the merging of two parts of the organization and see its impact on your OPEX ? The answer is simple as a click.

FreeDatamap makes the link between flexibility and ease-of-use : not bound to a dataset, but flexible enough to adapt to any kind.

Another reporting tool

From anywhere in the map you can produce an exhaustive word report, not a pdf, but an editable word which can be the starting raw material of a hand-continued study.

FreeDatamap is currently the only self-service BI tool capable to produce word documents (Microsoft or OpenOffice) on the client side without any server communication (this standalone mode is very convenient for any offline work).

Moreover, you can use freeDatamap as a wiki and gather all living information in a word document output.

Intuitive and responsive

FreeDatamap delivers a fast and visually attractive user interface that **runs on any support: computers, tablets or phones.**

You can run it in SaaS (freeDatamap runs in a web page) ...

or download it and install it in a web server. If you use it from its web address (www.freedatamap.com) don't worry about the privacy of your data, because, except during the load of the application, there is no communication with the server, as freeDatamap (in its free instance) is serverless : so everything is executed in you web client and stays in your own web browser.





Features



Data mining: navigate into your data map and drill down to find the root cause of an indicator

Data visualization : one centralized trusted map for all your data

Automated classification and real-time data enrichment

Search capabilities : easy and immediate data queries

Advanced analytics

Dashboards, gauges and alerts

Simulation capabilities

Report creation from anywhere in the map

Self-service, inject any kind of dataset and use FreeDatamap in SaaS

Unlimited users : full web 2.0 application

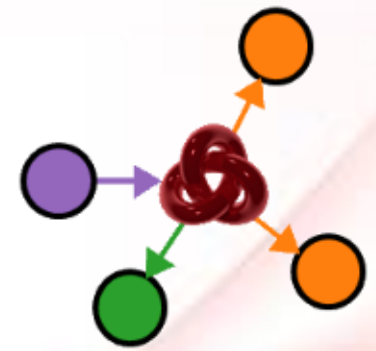
Role-based information access (not in the free version)

Workflow and business process visualization



Interactive visualization

FreeDatamap provides an intuitive user interface and a unique graphical display to easily visualize any kind of data.



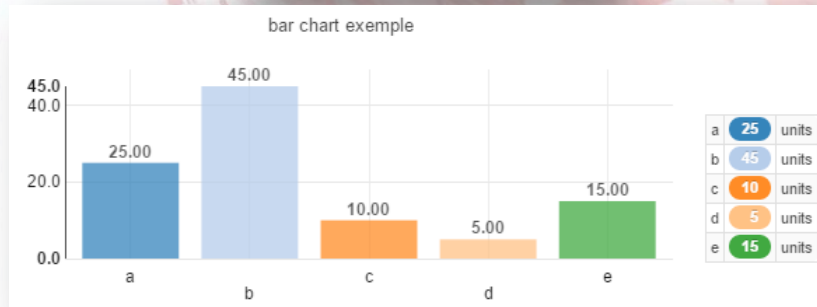
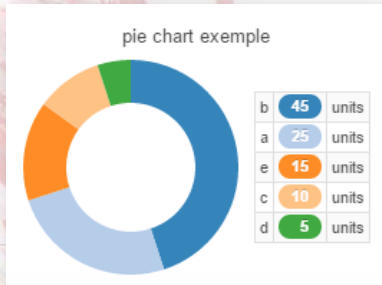
The graph is interactive and allows users to move nodes as well as navigating through them.

FreeDatamap aims to present data in the way decision makers think their organization and offers an insider perspective into both detailed and aggregated indicators.

Gathering in **one unique view** the most important data of an organization allows uncovering good practices in managing information.



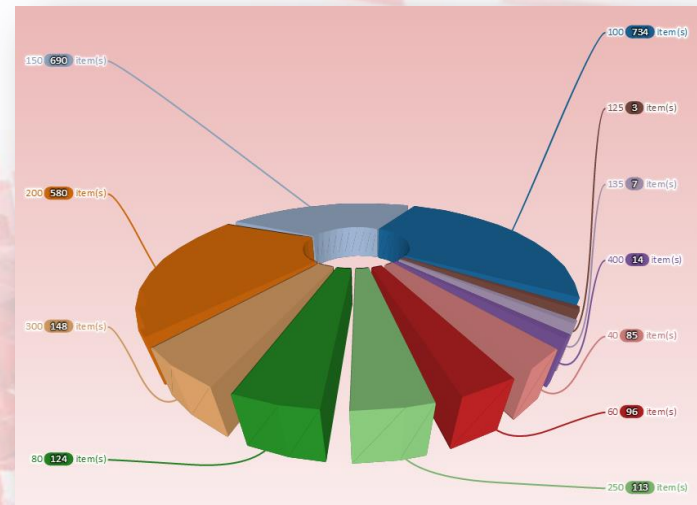
Dashboards



A complete feature set for building next generation HTML5 dashboards

FreeDatamap's layout is designed for rapid information access. In the right panel, classical charts and description texts are visible : giving all the available information from the part of the map that is focused.

The combination of both views, graphic map and classic charts, leads to a complete and efficient dashboard.



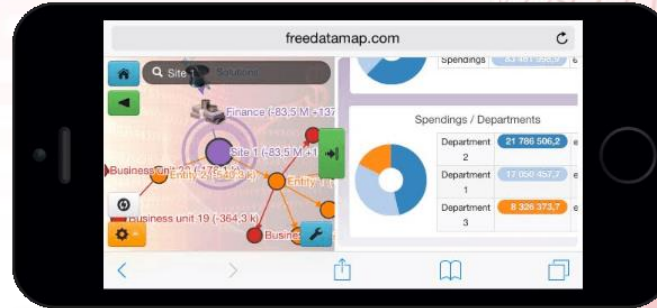
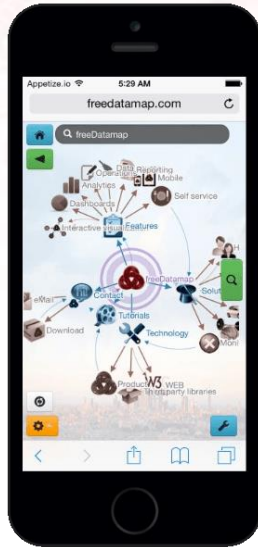
Even if you don't have any 3D graphic card, **freeDatamap** charts can be rendered in 3 dimensions thanks to a light home-made 3D engine.

The 3D chart is touch reactive to control easily its rotation. information from the part of the map that is focused.

Make high-quality Web dashboards with a set of charting components designed to deliver interactive visualization of business data.

Mobile

With **FreeData**map it is easy to deliver to a large mobile audience the data you want to expose



FreeDatamap is a Web Application

It is an application built with web technologies (HTML, CSS, JavaScript) that is accessible via a mobile browser as well as desktop browser of course. It belongs to the “responsive design” class of web applications.

This application was developed according to the “mobile first, desktop second” strategy. It combines the versatility of the web with the functionalities of touch-enabled devices, rich look and feel, offline browsing, etc.

This means that **freeData**map is compatible with iOS, Android, Windows Phone, Windows, MacOS, Linux, etc.





Solutions

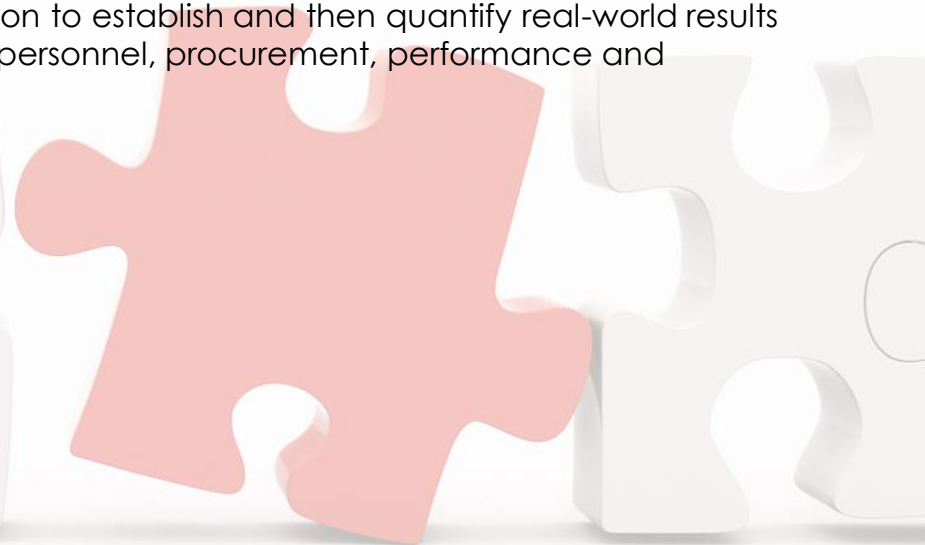
Choreograph your data to work together based on your specific needs.

FreeDatamap is committed to helping HR, finance and procurement leaders to regain control of their spend analysis function by providing them with rapid, easy-to-use and cost-effective web-based application that has been developed in collaboration with and for customers.

FreeDatamap is pertinent especially in areas where reliance on quantitative information is prevalent : finance, sales, human resources, strategic planning, operations and supply chain management.

FreeDatamap offers an intelligent utilization of information to establish and then quantify real-world results in critical areas such as financial outcomes, increased personnel, procurement, performance and strategy compliance and maintenance.

One benefit of **FreeDatamap** is to allow synergies between heterogeneous data coming from different parts of the organization, to **bring a new thinking to the table**, and be able to translate that into engagements in the business



FreeDatamap maps any kind of data into a tree which is the most user-friendly way to understand problems. The decomposition of the information into a set of categories and sub categories is a universal paradigm.

Access the information to effect positive front line decision-making

Find your way in an
overwhelming amount
of information

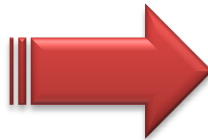
Reduce Costs

Increase profitability

Manage risk

Optimize internal process

Reduce time to make fact
based decision



FreeDatamap gives awareness and control on all the data you need for your day to day business. From a unique root node, you can browse and aggregate thousands of information and bring this complex topology of data into the hands of people in a simplified way that enables them to take the best decision within minutes instead of days without.

Rationalize, classify, analyze, are the efforts needed to gain insight into HR, financials, supply chain, IT and other internal information.

This is what **freeDatamap** was made for!





Human Resources

FreeDatamap serves the **enterprise 2.0**. It provides powerful search capabilities to discover people, projects, information that drives collaboration, and leverage ROI.

By putting employees as key entities of human-resources' centric map, authorship of projects and tasks are promoted. With both hierarchical and transversal relations, **FreeDatamap** allows visualizing, in a single map, the whole organizational structure as well as "social" transversal connections bringing people together according to either transversal projects or common interests.

The capability to visualize graphically the arising of new patterns from the multiplicity of interactions between teams uncovers new facets of the business value of one's organization. Understanding those patterns and valorizing them may lead to substantial return on investments and can be a key success factor for the enterprise 2.0.



FreeDatamap provides new mechanisms to give the staff access to richer information, with more contextual relevance that helps achieving the transition from informing to sense-making.





Yellow pages



LDAP (Lightweight Directory Access Protocol) is a protocol for querying and modifying directory services running over TCP/IP. LDAP technology allows storing and organizing information that is structured based on a tree of directory entries. Due to the hierarchical nature of LDAP it logically fits into **freeDatamap**'s paradigm.

LDAP allows IT administrators to implement company-wide policies on access to resources and services by the users. LDAP technology forms the crux of the ever-active services access system. For example : Active directory is Microsoft's implementation of LDAP directory services for Windows environments.



By reading LDIF files (the export format of any LDAP software), **freeDatamap** is able to produce automatically a “Yellow Pages” map aimed towards helping people find the right resource inside your organization.

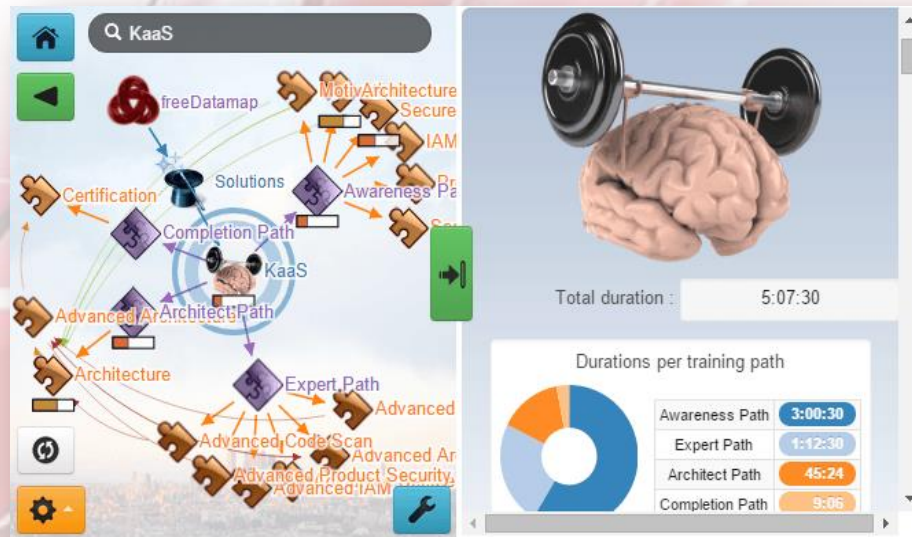


KaaS (Knowledge as a Service)

FreeData**map** spatializes the map of your organization's knowledge

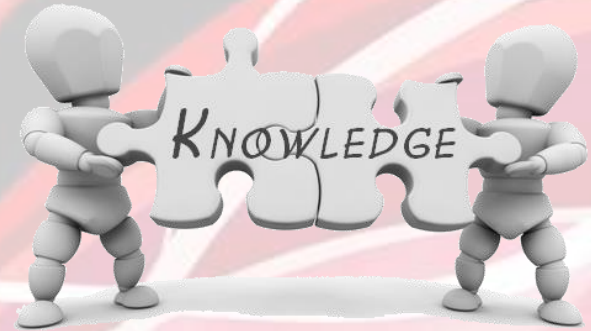
You can easily set up a knowledge map with branches of the tree corresponding to training paths and do business intelligence on top of it.

freeDatamap**** provides the tool for seeing in one map your percentage of progress inside your chosen path. Moreover, looking at the pie charts per domain, you can optimize your progression choosing short trainings first, or you can directly access the knowledge you want by setting keywords in the search field of the map.



Each training can have attributes like : duration, domain, level, quality, hardness. From those attributes it is very easy, in **freeDatamap**, to compute aggregations and display those knowledge indicators from top level paths, down to each training chapter.

The knowledge map can easily be linked to the HR org-chart so that you can see in real time the knowledge's completion percentage of each person of your organization.



FreeDatamap's knowledge map can be the corner stone of your knowledge management strategy. With its visual map, you can promote and monitor the whole knowledge of your teams.

In **FreeDatamap** you can

Structure the knowledge of your organization by building the conceptual map of your trainings

Deliver the knowledge by directly accessing web sessions from within the map

Identify people's knowledge progression

Engage your team with a kind of gamification of knowledge thanks to ranking mechanisms and teams' competition

Assess people's interest in different knowledge domains and identify the lacks of your organization



Geographic Information System (GIS)

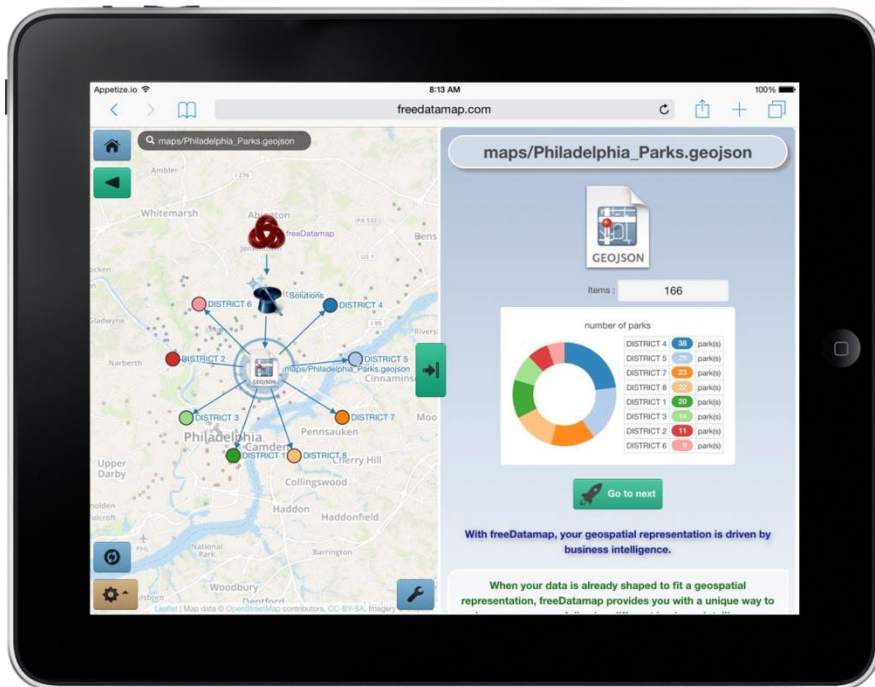
With **freeDatamap**, your geospatial representation is driven by business intelligence.

When your data is already shaped to fit a geospatial representation, **freeDatamap** provides you with a unique way to browse your map following different business intelligence perspectives.

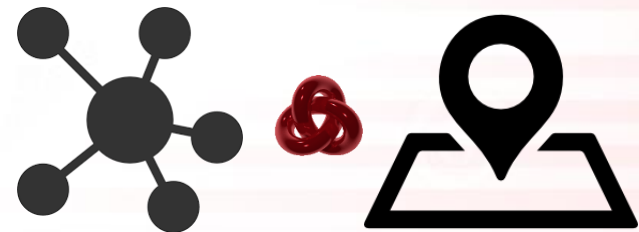


With **freeData**map, enter into the next generation of geospatial business intelligence.

Drive your GIS map according to BI properties : filter your view to highlight network parts depending on any criteria like linear, materials, age, risk, etc.



freeDatamap, offers a streetview perspective on any kind of geographical item automatically.





freeDatamap



Thank you for your
attention

