

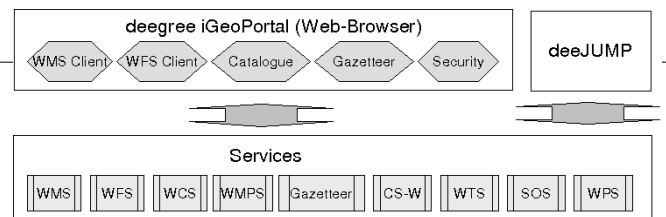
### SDI with deegree

A Spatial Data Infrastructure (SDI) is a distributed system, that encompasses technical and organisational aspects. Its extent can be a comprehensive organisational unit that supports development of value-added chains and a market for geoinformation. But a distributed system, that implements a solution for a specific institution like a public authority or a municipality can also be seen as a Spatial Data Infrastructure.

The technical base of an SDI are standardized services (Web Services) that allow access to and processing of geoinformation. Standardization is necessary out of two reasons: it guarantees sustainability and vendor-independence of a solution, and it is the precondition for interoperability between the services.

The Free Software project deegree supplies the building blocks of a Spatial Data Infrastructure, while implementing the standards of the Open Geospatial Consortium (OGC) and ISO/TC 211. As deegree's architecture is consequently built using these standards, it is easy to link standardized products of other vendors.

deegree is Free Software / Open Source under LGPL (<http://www.deegree.org>)



### deegree product groups

deegree comprises five product groups:

- + **deegree Web Services:** the base components of any SDI; including WMS, WFS, WCS, CS-W, Gazetteer, SOS, WPS, WTS/WPVS, WCTS, WAS (GDI-NRW), WSS (GDI-NRW), WMPS (deegree-specific) and owsWatch (service monitoring)
- + **deegree iGeoPortal:** the portal framework of the deegree project. iGeoPortal has a modular structure and comprises so far the modules map, gazetteer, catalogue, security, data and 3D
- + **deegree iGeoSecurity:** to keep your SDI secure
- + **deegree iGeo3D:** Storage and Visualization of 3D geodata
- + **deeJUMP:** the SDI desktop on base of OpenJUMP

All of these components can be combined easily and complement each other. You can find further information regarding these products in the factsheets of the deegree-components at the lat/lon website: <http://www.lat-lon.de>.