

The Map Supply

- an element in the national spatial data infrastructure

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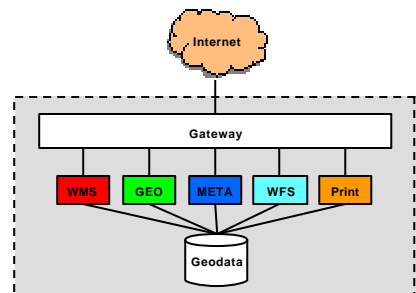
The Map Supply

- The Map Supply is the name of a collection of web services based on geodata from the National Survey & Cadastre
- Presented as a prototype November 2001
- The starting point
 - Reduce the technical and economic barriers for the use of geospatial intelligence
 - Ensure the user access to up-to data geo data

The Service Oriented Architecture (SOA)

- The Map Supply offers basic functionality for integration of geodata in main stream solutions
- Loosely coupled
- Open standards. OGC standards for the geodata and XML for additional communication
- Supporting internal and external business processes

The Map Supply architecture



Increase in use

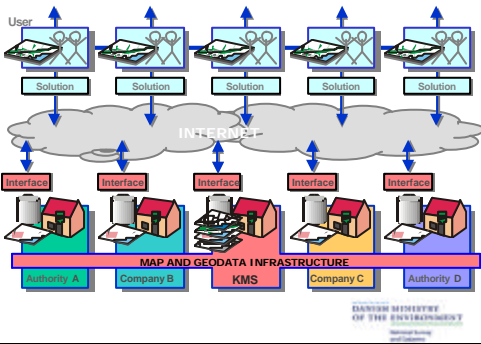
+ 200 organisations have access
20 development partners active in the partner program
3 million requests / month



Spatial Data Infrastructure (SDI)

- In ISPIRE “infrastructure for spatial information” means
 - metadata, spatial data sets and spatial data services;
 - network services and technologies;
 - agreements on sharing, access and use;
 - coordination and monitoring mechanisms, processes and procedures.

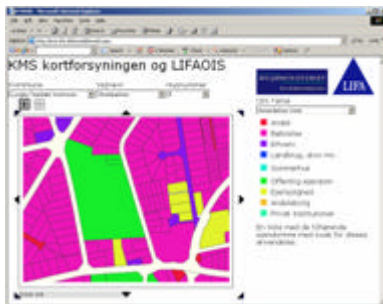
The Map Supply an element in NSDI



Co-operation within the NSDI

- SOA architecture opens for new business models in sharing data and functionality
- Use of web-services from organizations responsible for creating and maintaining data but without focus on the spatial dimension

Exploring Public Information



Building the spatial data infrastructure

- Agreements on sharing data and services
- Metadata services and catalogue services
- Agreements on standards
 - OIOXML works on standards for name giving and design of XML
- Working on common geospatial reference materials

Conclusion

- Some of the ground work for a SDI is done or in progress
- Changing from a mapping to an infrastructure approach is a shift in paradigm
- New challenges in technology, organization, business models, standardization, communication