

Carmenta Catalog Server

Efficient management of GIS services and metadata

Carmenta Catalog Server is a complete solution for gathering, searching, updating and publishing information about GIS data and metadata. The product uses ISO standard metadata models and certified Open Geospatial Consortium (OGC) interfaces to publish metadata for GIS services and datasets. Users can connect to the Catalog Server, search among resources and find useful services or datasets for further use.

The Carmenta Catalog Server has comprehensive support for creating and keeping up-to-date catalogs over enterprise-wide GIS services and information about geodata.

The Carmenta Catalog Server is an excellent tool for:

- Setting up and maintaining OGC compliant registries of map services and GIS datasets.
- Publishing information about internal GIS resources through standard Catalog Server for Web (CSW) interfaces.
- Harvesting metadata from GIS services and datasets to build catalogs with rich and up-to-date content.
- Editing metadata documents with validation according to ISO standards and the EU directive INSPIRE.

Key Features

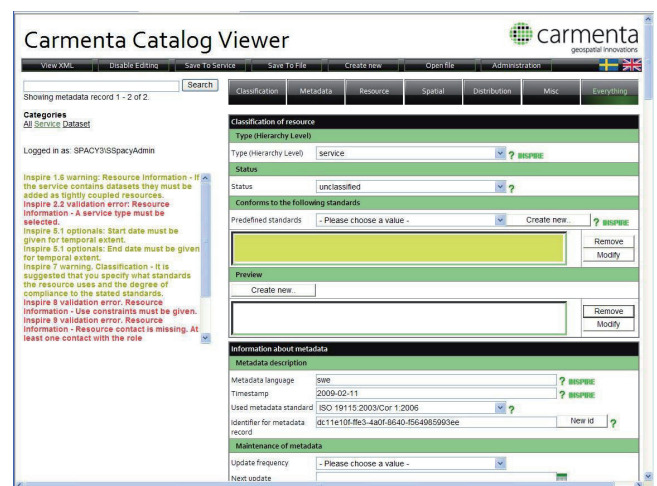
- Compliant support for OGC CSW/CSW-T version 2.0.2.
- Publish metadata in multiple standard formats, including ISO19139/19119 and Dublin Core.
- Easy installation, set-up and administration.
- Support for distributed search when connected to other CSW services.
- Auto-extraction of metadata from OGC geodata services.
- Advanced caching allows for fast metadata search and catalog view updates.
- Reading of file-based metadata in multiple formats, including the INSPIRE-portal format, National geodata-portal formats and more.
- Plug-in architecture for connecting to data sources and add new custom datasets.

Product Packaging

The Carmenta Catalog Server is available as a stand-alone server or as an extension to Carmenta Map Server.



Carmenta Catalog Server has compliant support for OGC CSW 2.0.2



The integrated Catalog Viewer/MetadataEditor is the web client for searching, viewing and editing metadata.

Metadata Management Tools

The Carmenta Catalog Server comes with web client tools for advanced metadata management. A combined Catalog Viewer and Metadata Editor form an efficient kit for searching and sorting metadata of services and datasets. It is easy to toggle between viewing and editing mode.

- Possible to work with locally stored documents as well as metadata through the CSW-T interface.
- Security settings allow management based on roles.
- Templates for recurring fields can be saved and shared among users.
- Validation of metadata fields and warning if mandatory fields are missing (ISO and INSPIRE requirements).
- Version handling of metadata documents.

For further information, please contact Carmenta.