OGC WFS and CS/W support in Carmenta Server

Carmenta has added support for standards-based handling of feature data, metadata and catalogue services in its product for internet and enterprise map solutions, the Carmenta Server. In line with Carmenta's focus on international standards, the new services have been implemented as Open Geospatial Consortium (OGC) compliant interfaces. The OGC interfaces have been added as two new server extensions as follows:

The Carmenta Server Web Features Extension

This extension provides support for the OGC Web Feature Extension (WFS) 1.0.0 and 1.1.0 implementation specifications. It also provides the following out-of-the-box support:

- Easy set-up and administration of the feature service.
- High performance publishing of feature data.
- On-the-fly conversion of vector data stored in various file formats or databases.
- OGC WMS integration and proxy functionality through SLD/FPS.
- Tested with several WFS clients such as OpenLayers, ArcMap, Gaia and more.
- Support for GML and GeoJSON as transport formats.

The Carmenta Server Catalogue Services Extension

This extension provides support for the OGC Catalogue Service/Web (CS/W) 2.0.1 and 2.0.2 implementation specifications. The extension provides the following support:

- Easy set-up and administration of the catalogue service.
- CS/W to CS/W cascading catalogue look-up.
- Easy plug-in of OGC data services with auto-generation of metadata.
- Quick search of metadata fields.
- Geodata centric catalogue integration through online metadata look-up from WFS.
- Displays metadata in multiple standard output formats, including ISO19139/19119 and Dublin Core.
- Reading of file-based metadata in multiple formats, including the EU INSPIRE-portal format, National geodata-portal formats and more.
- Fast metadata retrieval through advanced server-based caching.

Visit http://www.opengeospatial.org for more information about the above specifications.

For more information about Carmenta Server please visit www.carmenta.com.