

# Intergraph Helps Czechs Fulfil INSPIRE SDI Obligations

The Czech Office for Surveying, Mapping and Cadastre (COSMC) has launched a new version of its Geoportal system using Intergraph's GeoMedia SDI suite. In doing so, the Office becomes one of the first national mapping agencies to fulfil its obligations arising from the INSPIRE Directive of European Parliament.

Through Geoportal, COSMC now publishes 165,000 metadata records describing its spatial datasets and services and returns search results in under one second. Most of the Geoportal website text content is generated from information held in the metadata records. The metadata records are updated daily via an Electronic Transformation and Loading (ETL) tool, which ensures the portal reflects updates made across 10 contributing production systems within COSMC. For example, daily updates to digital cadastral map coverage reflect changes in the Czech Republic's real estate cadastre information system.

In addition, Geoportal provides INSPIRE-compliant search and view web services, including the EuroGeonames service. Geoportal tools also enable the purchase and licensing of geodata and services; this e-commerce facility is the exclusive interface by which the general public and public administration authorities can order such products.

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