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The cadastral survey processing web service for private and public surveyors

The State Enterprise Centre of Registers (SECR), the organization responsible for operation of the Lithuanian Land Cadastre, has made a new light-weight ArcGIS Server Web browser application GeoMatininkas (Geo Surveyor) that allows private surveyors and SECR surveyors to process survey measurements, prepare cadastral files and store them directly to the central cadastre database. Using a variety of editing tools on the Web, a surveyor or SECR staff member is able to submit cadastral data electronically, without the need for paper cadastral files and manual data input. The system also includes digital signatures, which are already used by notaries who need to approve real estate deeds and other administrative documents.

Geo Surveyor - is an application enabling semi-automatic preparation of all the land cadastre documents. All data including measurement data, pickets, drawings, scanned documents, cadastral data and property values are conveniently stored in one system using just a web-browser.

The GIS application is designed in such a way that user interface and management principles are very close to the most popular software applications that Surveyors are used to. It contains a number of tools that simplifies the job.

The application is unique in its capabilities. It enables access to initial sources of information such as cadastral and map data in various formats and ortho imagery that are needed for creation of new cadastral file. As well it allows generating and accessing verification reports that are created by the central system.

More information on Geo Surveyor can be obtained at the State Enterprise Centre of Registers, Saulius Milevičius, Head of the Graphical Applications division at GIS Department, e-mail: Saulius.Milevicius@RegistruCentras.lt

