ArcCadastre Implementations within the Middle East

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SUMMARY

In recent years, cadastre systems have developed from manual inconsistent systems into automated systems that highly benefit from the advancements in the Geo-Information and Communication Technology (Geo-ICT). Such advancements led to the emergence of ArcCadastre, which is internationally unique software for collecting, maintaining, processing and presenting geographic and cadastral information. Since ArcCadastre was launched in December 2002, it was implemented in both Egypt and Qatar, which represent the fist ArcCadastre implementations in the Middle East, with a fully Arabic localized interface. In Egypt, ArcCadastre was used to establish the Egyptian Cadastral Information Management System (ECIM) at the Egyptian Survey Authority (ESA), with the aim to improve security in land ownership and transaction and provide a more sustainable management of the national land resources. Qatar General Surveying Section had an automated system based on in-house developed applications since the eighties. The newly implemented cadastral information system at GSS-Qatar aims at upgrading GSS technological capabilities to the state of the art technology by providing an integrated solution through out GSS different units and establishing an enterprise country wide multi-purpose cadastral information system.

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