

Project Profile

Amathole District Municipality GIS Web Portal (including the Integrated Property Information Management System)



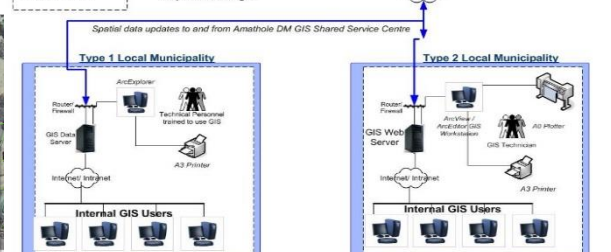
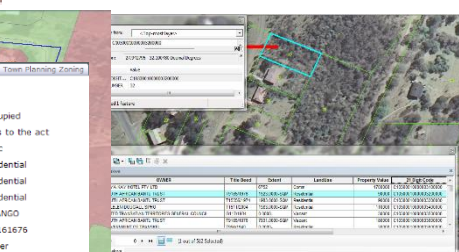
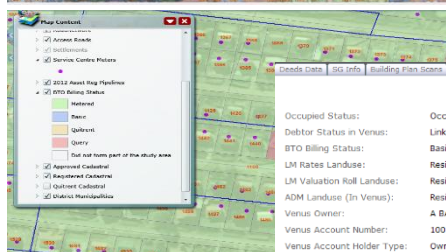
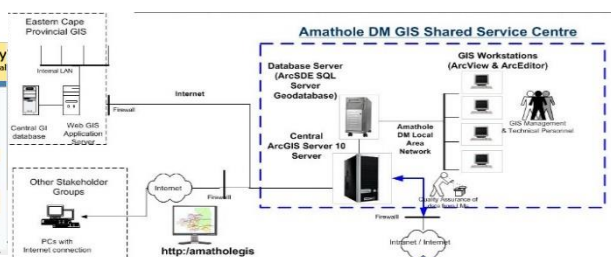
Amathole District Municipality



Eastern Cape



2008 - 2014



The Amathole GIS Web Portal consists of a traditional information portal plus a number of customised GIS-based views. The views contain an Integrated Municipal Property Information System that allows users to view and query detailed municipal property-related information for any property in the District contextualised against the backdrop of numerous GIS data sets that GeoAfrika Technologies has assisted in capturing and maintaining. The system was implemented for Amathole District Municipality to satisfy the information needs of all seven of its Local Municipalities as well as to satisfy the needs of various departments within the District Municipality itself.

Scope of Work

- The information can be viewed and queried in both spatial and textual forms.
- GIS map based system on both the local intranet (client's server) and internet hosted by GeoAfrika Technologies on its high capacity server
- Find and report on properties by searching key fields including property description, address, owner's name or ID number, water billing data (password secured) and other attributes stored in the various property-related databases.
- Capture facility related data for 22 types of different community facilities such as schools, community halls and businesses, including spatial and attribute data. Search and report on the captured entities.
- User level security which allows users with different permissions to view and/or change different sets of information.
- Runs on standard web browsers e.g. Microsoft Internet Explorer or Google Chrome.
- Eliminates the need for making copies of data because data from sources are integrated.
- Mobile device friendly version for use on tablet PCs and mobile smartphones
- The GIS web portal runs on a high-end ESRI ArcGIS Server 10.1 platform with the primary websites programmed in Silverlight.