



Enterprise GIS Expansion

Industry: Utilities: Sewer

Location: Abu Dhabi, United Arab Emirates

Summary

ADSSC Abu Dhabi Sewerage Services Company (ADSSC) is responsible for the operation of the sewer network in Abu Dhabi, UAE. Having recently been spawned from a larger organization (ADWEA), ADSSC had inherited a number of spatial datasets and systems for managing data, documents, internal processes, and customer submitted applications. The data they inherited had suspect accuracy, was on a datum largely abandoned by other government agencies in the Emirates, and was becoming outdated. Even the processes to maintain the data, documents, and workflows were dated, disconnected, and inefficient. Rolta's solution involved a range of data services, as well as some specific systems designed to address ADSSC workflows.

Details of Rolta's solution

The range of services and specific systems designed for ADSSC included the following:

- Clearance Management
- Document Management
- CCTV
- GIS (OnPoint™) viewer

All these solutions worked together using GIS as a central component. In addition, Rolta also undertook activities like Capacity Planning, Land base Studies, Network Re-alignment, and GAP Analysis for ADSSC.

Key Solution Innovation

Solutions with GIS as a central technology component

Impact

Rolta's system brought significant improvement to ADSSC efficiencies. With their data more current, accurately positioned, and on a global WGS84 datum, it became more accessible for overlay with content from other agencies. The applications themselves offered huge efficiencies by having geography upfront and central to all processes.

About Rolta

At Rolta, we envision a better future, and then design technology to create that future. Our innovative IT solutions span various verticals, including Utilities, Transportation, Process, Power, Banking and Insurance. Through our cutting edge software for mapping and earth sciences, we also provide a complete array of solutions for Defense and Homeland Security, including C4ISTAR information systems, Military Communications, Digital Soldier and Vehicle Systems. Our team diligently works to exceed our customers' expectations, and has successfully executed strategic projects in over 40 countries.