

Dubai to gain from new terrain data

By a staff reporter

18 January 2007

DUBAI — Rolta, a global GIS services providing company, has completed the Digital Base Map Project of the Geographic Information Centre of Dubai Municipality (DM). The project is aimed at providing highly accurate maps to various government departments in Dubai.

The GIS Centre of DM wanted a comprehensive digital topographic database of Dubai by using a combination of digital photogrammetry methods and field data collection.

To carry out the project, Rolta established a large photogrammetric production centre at its corporate headquarters in Mumbai, India. The custom-built scanning facility provided a clinical, dust-free environment to scan the aerial films.

Using digital photogrammetry techniques, a detailed base map was created for the whole of Dubai. Many survey teams were mobilised to verify and collect the data.

A separate group of teams surveyed the features that were not visible with photography.

DM is benefiting immensely from the project. Dubai is one of the fastest growing cities in the world and accurate terrain data is being used by various government departments as well as private companies like developers, planners and construction people.

The data is now available with all government departments.