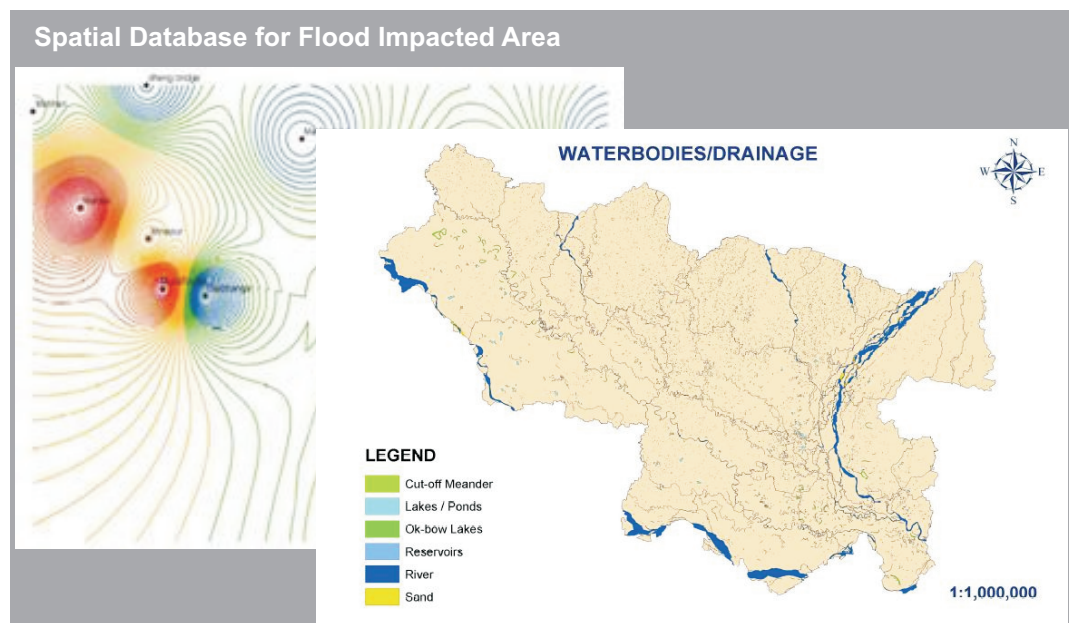
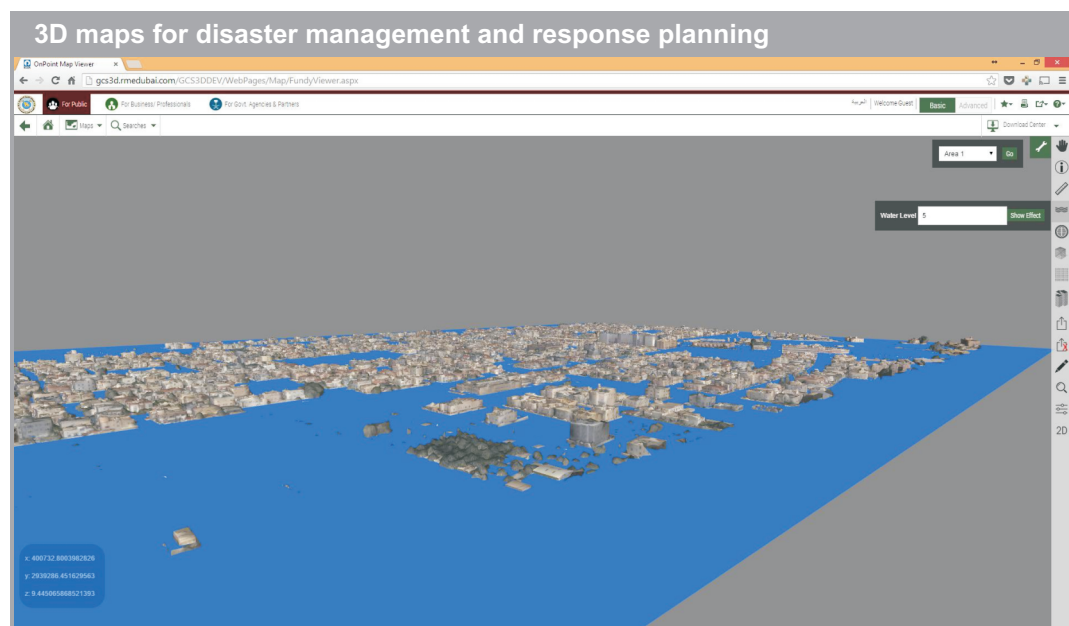




Disaster Simulation & Forecasting (Flood)

Business Objective

Most of the cities across world are grown near river basin or near sea. Heavy rain fall or natural disaster like Tsunami, earthquake results in flood impacting city life. Building a right disaster management plan to handle such emergency solutions is very essential. For a better planning, a simulation platform is needed which can help government to predict the disaster situations and its impact on city.





Solution Details

Rolta GSF based platform helps in building flood simulation on 2D and 3D spatial data.

Benefits

Platform for prediction of natural disaster like flood, future planning, effective implementation for Policy / Decision in order to prevent control impact of the situation.

About Rolta

Rolta is a leading provider of innovative IT solutions for many vertical segments, including Utilities, Oil & Gas, Manufacturing, Federal and State Governments, Defense, Homeland Security, Financial Services, Retail, and Healthcare. By uniquely combining its expertise in the IT, Engineering and Geospatial domains Rolta develops exceptional solutions for these segments. The Company leverages its industry-specific know-how, rich repository of field-proven intellectual property that spans photogrammetry, image processing, geospatial applications, Business Intelligence, Big Data analytics and Cloud computing for providing sophisticated enterprise-level integrated solutions. Rolta OneView™ Enterprise Suite is one such innovative Big Data Analytics solution for asset intensive industries with field-proven benefits. It brings unique value through its IT-OT integration and Predictive Analytics capabilities using Rolta's patented technology. Rolta is a multinational organization headquartered in India with revenues exceeding US\$ 600M and over 3500 people operating from 40 locations worldwide and has successfully executed projects in over 45 countries.