

# Maximizing Information Access

Business processes in various divisions of an Electric Enterprise are becoming increasingly interdependent; as number of disparate systems are implemented in isolation to achieve specific tasks such as SAP, ISU-CCS, SCADA, DMS, AMR, OMS, WMS, WFMS, CRM and GIS for their business operations. Data is created & consumed only by those who own these systems.

Users are demanding that information from disparate sources and platforms be presented in a meaningful fashion for effective decision-making. Increasingly, such information is required to be geospatially referenced to facilitate assimilation of complex business intelligence data. What is, therefore, needed is a fusion of geospatial data with non-geospatial information, and then to present user-specific results over the Internet or an Intranet.

Integration of GIS with varied corporate database and application systems leverages information technology capabilities to deliver highly actionable information across departments in an enterprise enabling faster resolution to the customer complaints, and operating network at higher capacities with increased reliability resulting in larger returns from efficiency improvements in operational areas of the distribution business. Integration of Systems will enable enterprises stay clear of the Data duplication and duplication of data ownership

This is relevant to all types of enterprises, especially more in Utilities. An electric utility company, for example, needs its assets, that are distributed across its service territory, mapped and logically connected for enabling optimal decisions pertaining to network planning, operations and maintenance, and outage management. However, these, and other operational decisions cannot be made unless the network map is seamlessly integrated with other enterprise systems like finance and billing, customer relations, inventory and purchase, and many others, each of which is perhaps an island by itself.

Today, Geospatial/GIS solutions are being increasingly exploited for myriad uses. From Consumer indexing, Asset codification, Modeling Electric distribution networks, EHV corridors, Demand analysis and Customer management, to mapping power meters at customer locations.

## The Geospatial Fusion Way....

Rolta's Geospatial Fusion solution provides Network and information across various deployed systems in a well-defined, consistent manner. It is based on configurable business rules that map business processes of the utility. The solutions blend with workflows of Electric Distribution Companies.

