

# Project: GIS Based Electrical Network Mapping and Consumer Indexing

## Client: A leading Indian Telecom Company

Our client caters to large complex Technology Infrastructure projects across Government, Power and Telecom Service Provider's space. Spanco Ltd. also has a formidable presence in the BPO space spread over four continents and catering to India, US/Europe, Middle East and African markets.

Paradigm was chosen to support them in GIS based electrical network mapping and consumer indexing of Rajpura, Sirhind, . Gobindgarh, Singrur and Patiala cities in Punjab.



## Objective:

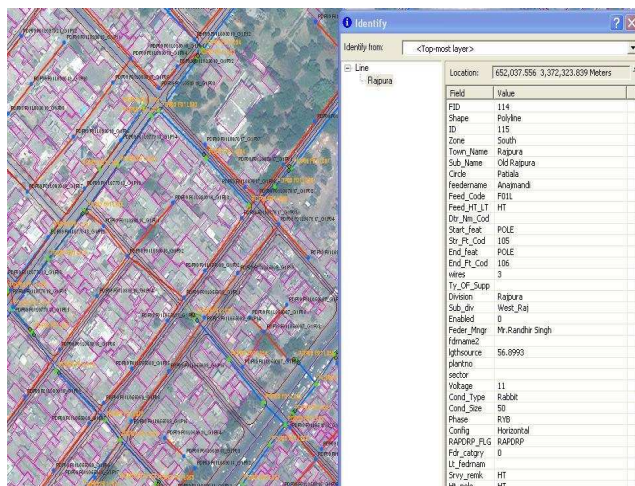
- GIS electrical network mapping
- Electricity consumer indexing

## Services:

- Plotting the base map provided by client with important landmarks as labels for field data collection purpose
- Collecting information from field such as transformer, pole, consumer details etc.
- Data entry of all field forms
- Attributing of all field information in GIS and modifying the base map as per realworld changes
- Creating GIS data as per data model
- Relating and connecting consumer data to the GIS information

## Benefits:

- Consumer indexing and GIS helps reducing losses for electric distribution utility
- GIS data helps in planning and analysing the consumers and rectifying the problem quickly.



**Software Used:** ESRI ArcGIS

**Technology:** GIS, Field Survey, Database Integration

**Area of Interest:** Punjab

**Duration :** Mar 2011 to Continuing

**Team Size :** 50+