

Geo-Schematics Automation of Schematic Layouts for Outage Management and Emergency Response

RMSI

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Software

ArcGIS Desktop 9.2, ArcGIS Schematics

Data Source

RMSI

An integrated solution with GIS and schematics allows the user to retrieve information through selection from schematic to geography and vice versa. Schematics complement GIS for the design, construction, and management of networks, meeting the daily operational management requirements of distribution utilities irrespective of size.

The map shows schematic networks configured on the enterprise GIS database in an ArcSDE environment. Electrical symbols are used to represent various elec-

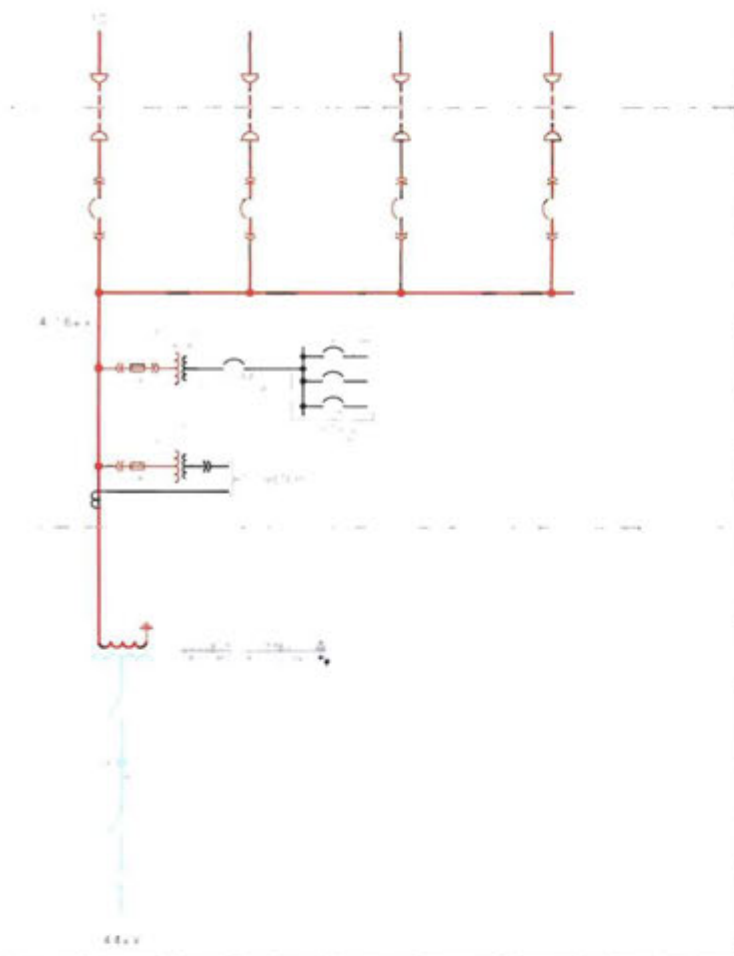
trical and electronic devices in a schematic diagram of an electrical network.

RMSI specializes in geospatial information and data management, with extensive experience in the utility sector. GIS data and application development solutions include creation, conversion, and management of large volumes of spatial and nonspatial facilities and asset data, work order posting, data cleanup, data conflation, and technology migration.

Courtesy of RMSI.

Schematic Model Representations

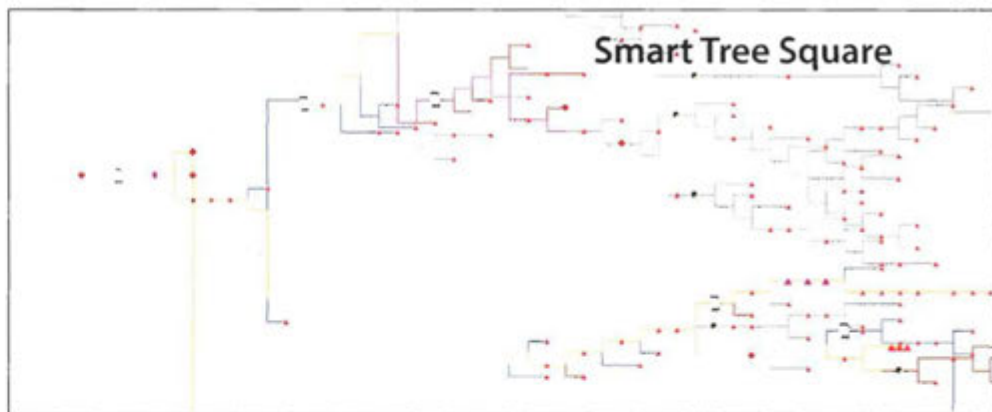
Station Operating Diagram in CAD format



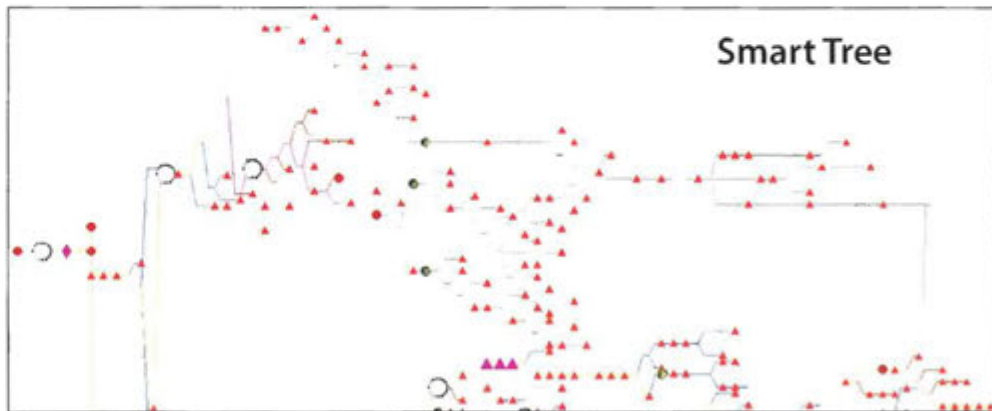
Main Line Diagram



Smart Tree Square



Smart Tree



Station Modeled in ArcGIS

