



Modernising India's Energy Infrastructure - Geospatial

Vinay Babu Adimulam



Case Study - CESC

Energy – Generation, Transmission and Distribution



Generation

Suitable Site Selection

Alternative energy resource

Environmental Impact

Physical Security



Transmission

Corridor Mapping

Asset Mapping

Distribution

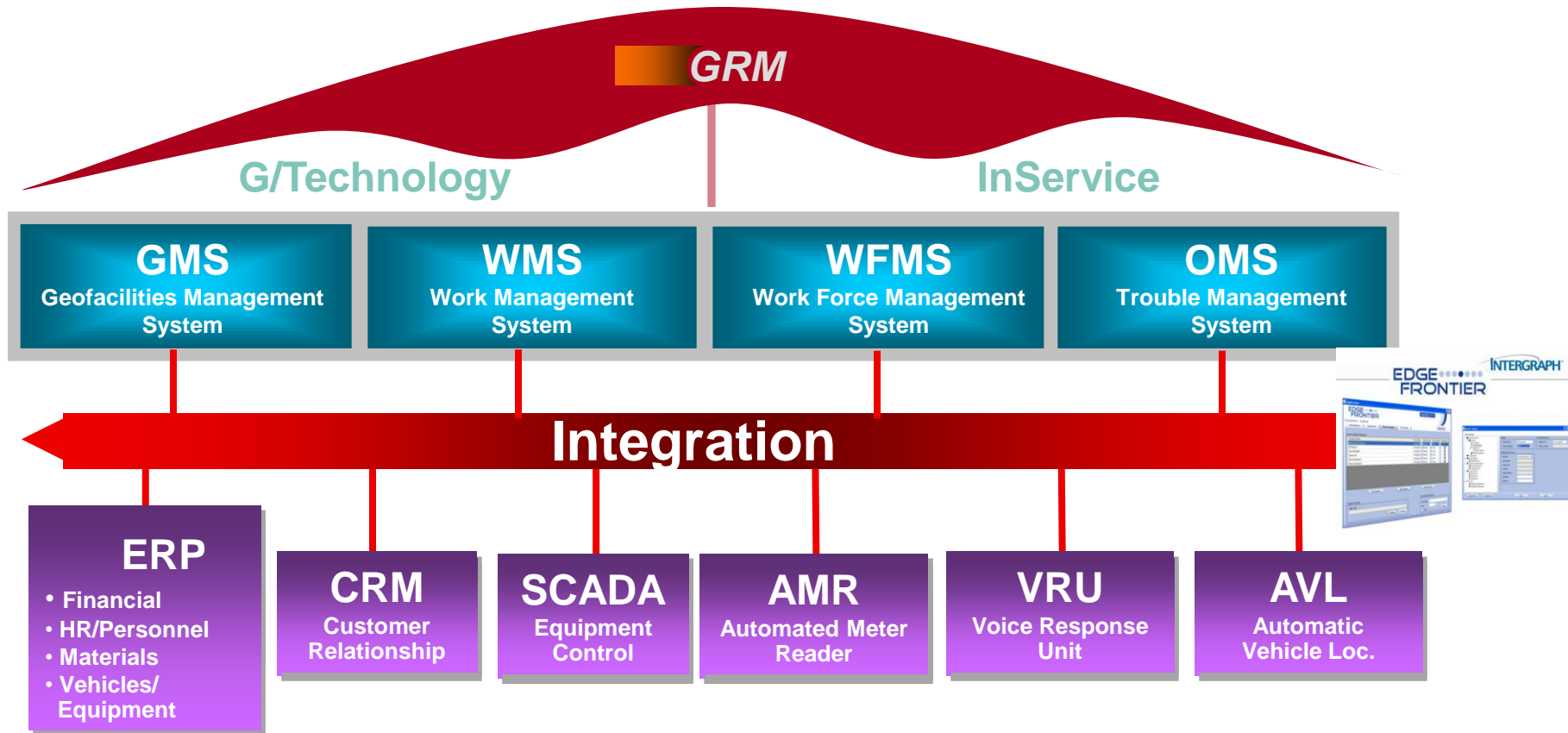
Distribution Network

Asset Mapping

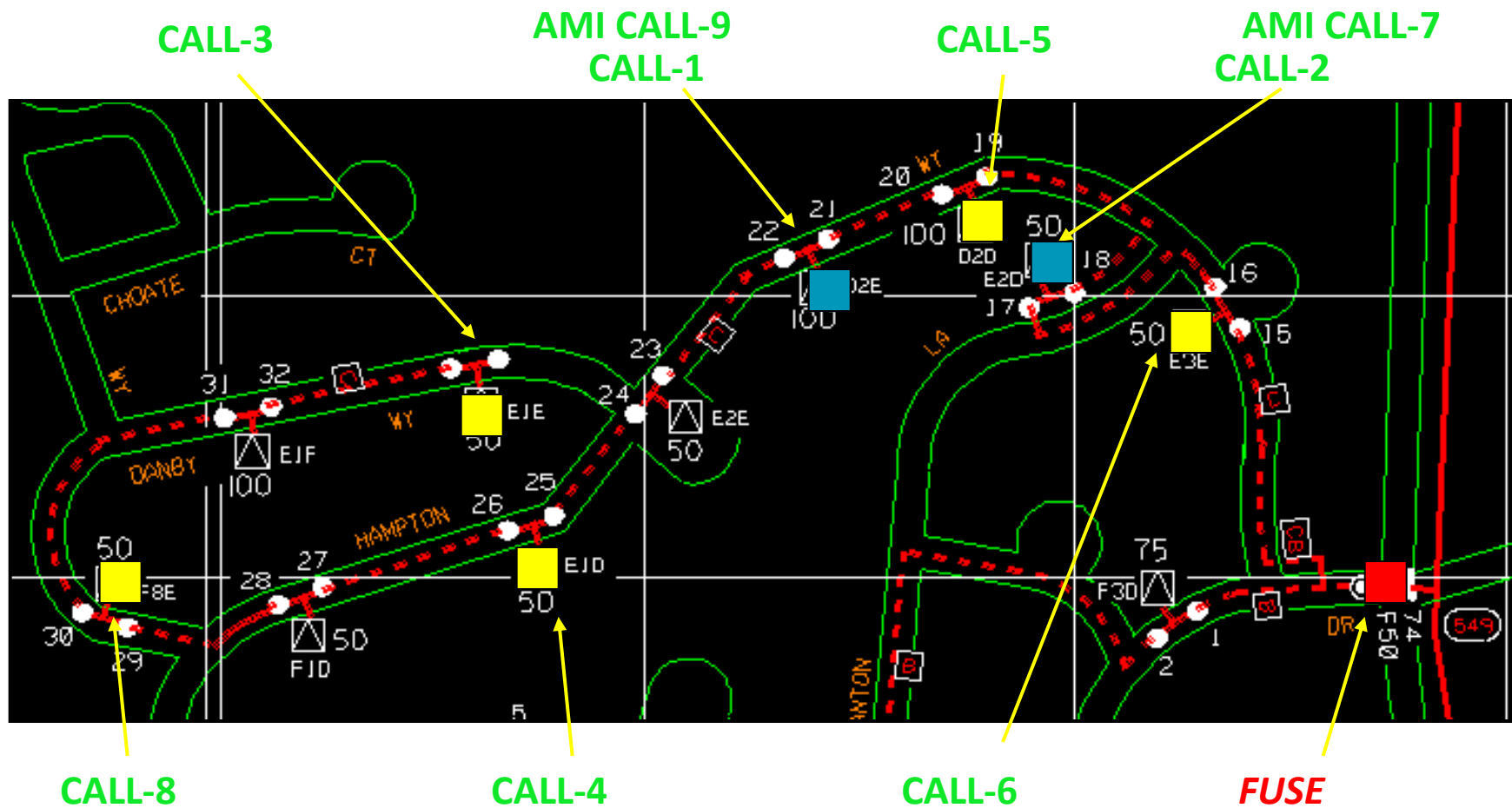
Capacity Mapping



Intergraph @Geospatial Resource Management



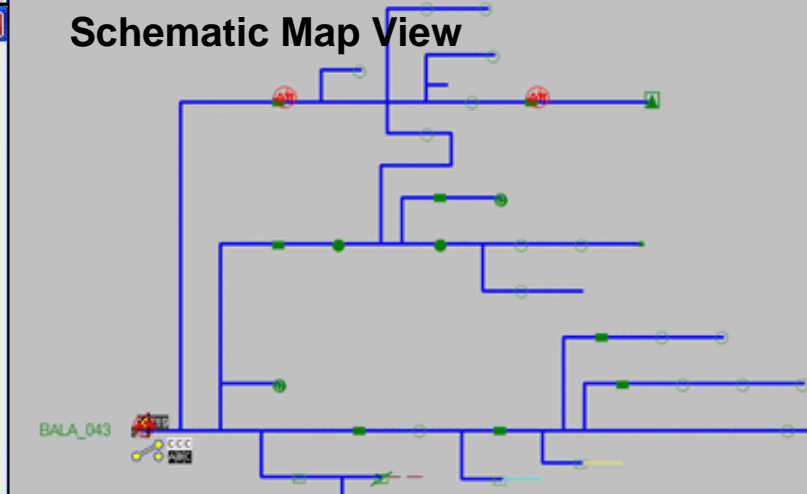
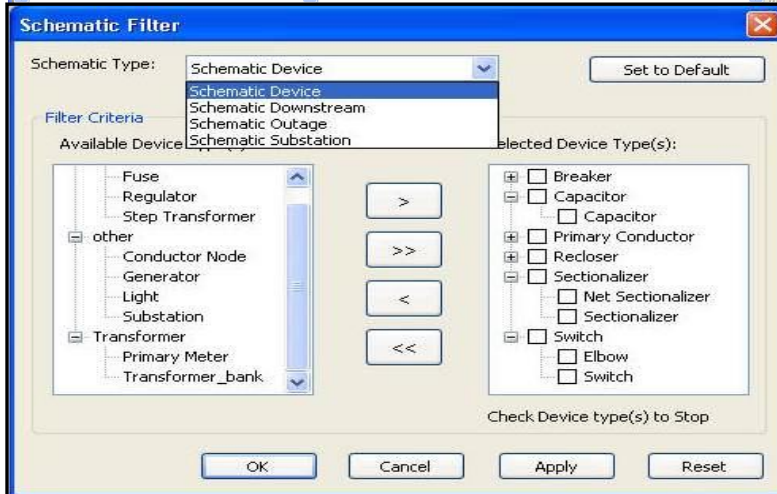
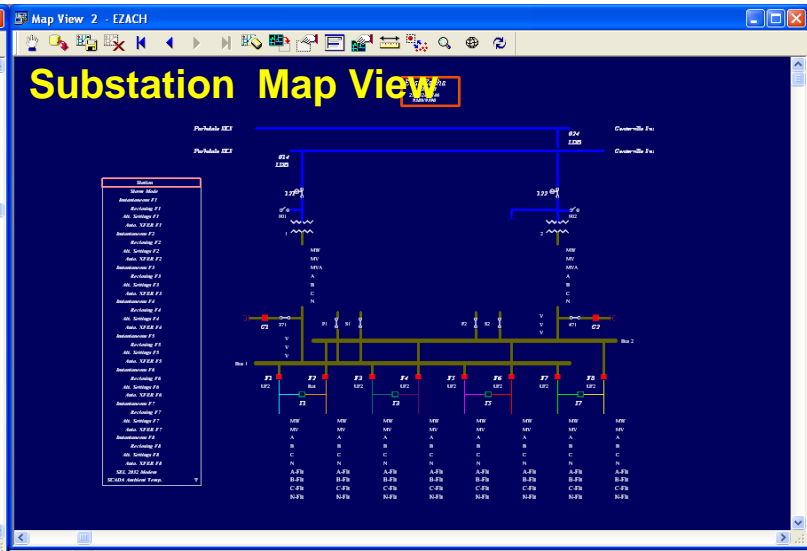
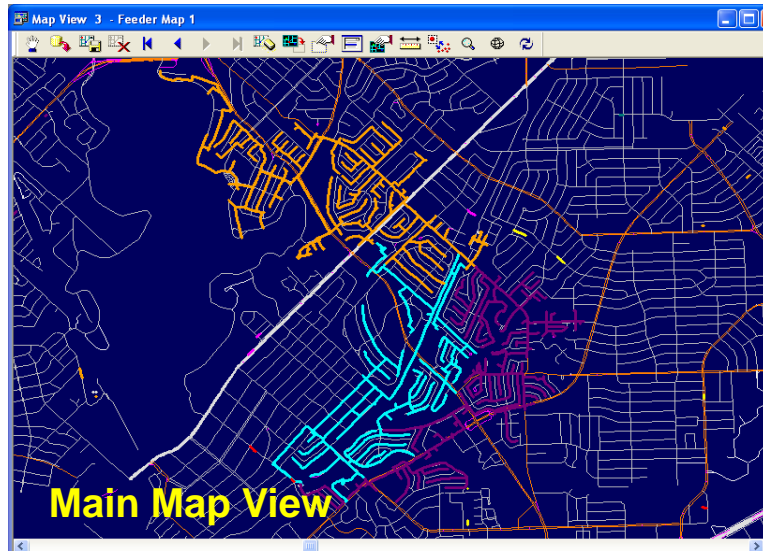
Outage Prediction @ InService Solution



Event Time: 11:49:00

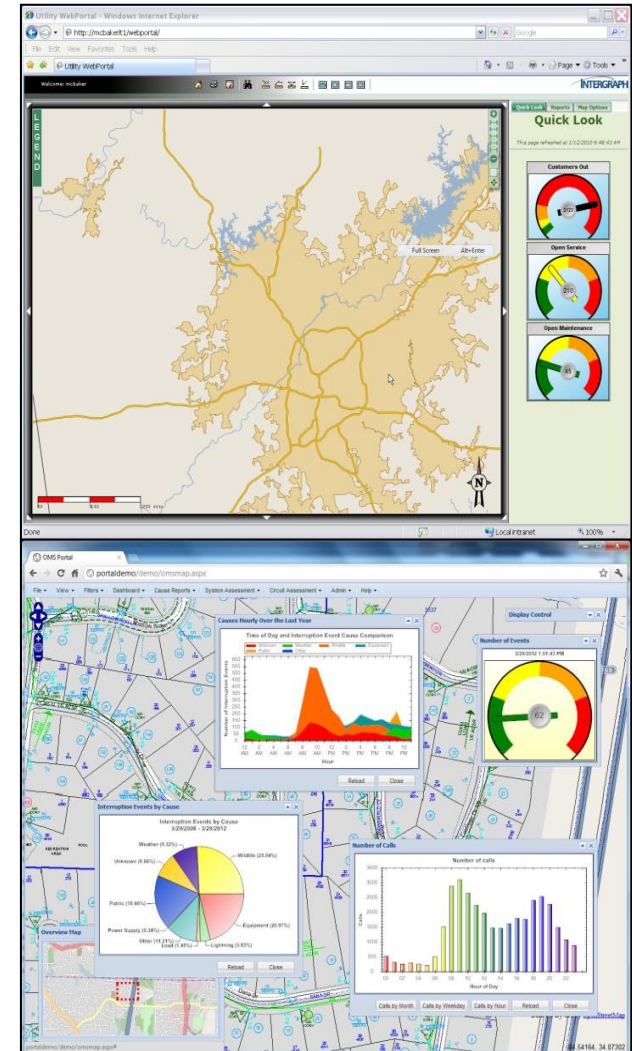
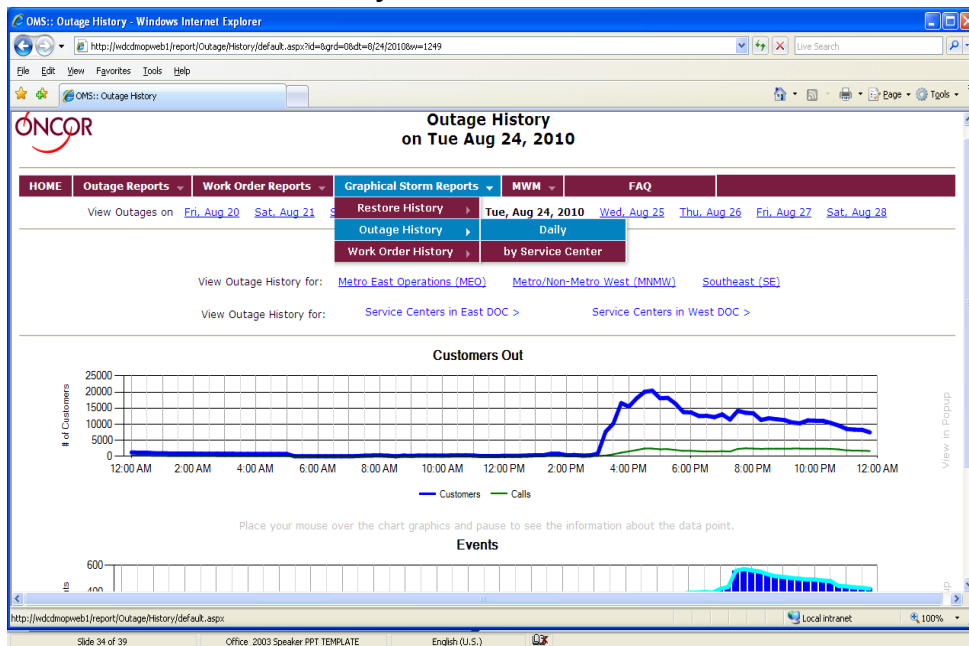
Customers Affected: 086

Display Main Map, Schematic Map, Substation Map



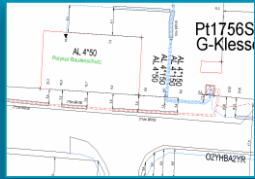
OMS @ Reporting on Web Portal

- Provide detailed, accurate, and analytical information through timely .
- Allows you to identify and correct trends before they become an issue.
- Industry standard reports and charts
 - System reliability
 - Outage analysis and crew history reports
 - Current workday or historical



Smart Utility @ Unified Solution

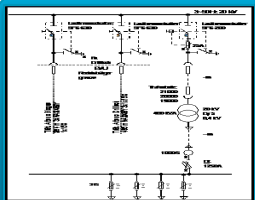
Graphic Model Variations Utility GIS Solution



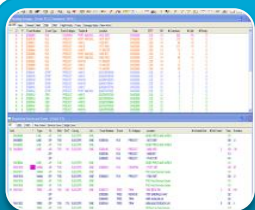
Geographic



Schematic

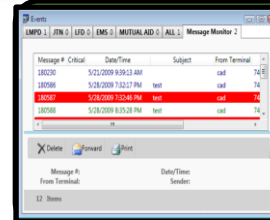


Details

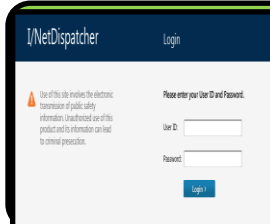


Tabular

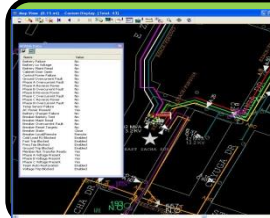
Outage Management System InService (OMS Solution)



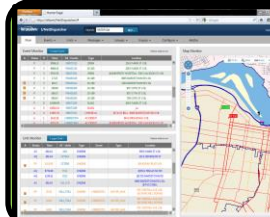
Trouble Call
Management



Dispatch
Planning



Network
Management



Outage Restoration
Planning

By Modern we mean

- Organised
- Safety
- Smart



Millions of Smiles

