



Case Study for Earth Fault Detection

A Multispeciality Hospital Group in India

- Frequent tripping of electrical breakers
- Unable to understand the cause of the problem
- Safety of costly medical equipment being comprised
- Safety of operator at risk.
- Threat of fire hazard
- Disruption in service causing loss of working hours
- Increase in maintenance and spare part spending
- Good-will of the institution badly affected



- To find out the root-cause of the tripping
- Identify distribution imbalances and leakages
- Measure & alert users about threshold breaches in real time
- Improve maintainability
- Mandate to Reduce the instances of tripping.
- Ensure the safety of equipment and operator.

- Increased safety of the equipment
- Obviated need for frequent and expensive energy audits
- Ensured efficient operation of the equipment without any service disruption
- Ensured effective adherence to SLA.

- Supplied and Installed Smart Earth Fault Meter
- Provided periodical visual analytics and reports for fault detection and diagnostic
- Identified and located the phase imbalances with time stamps
- Isolated and alerted on abnormalities
- Provided roadmap to increase the equipment RAMS (Reliability, Availability, Maintainability and Safety)