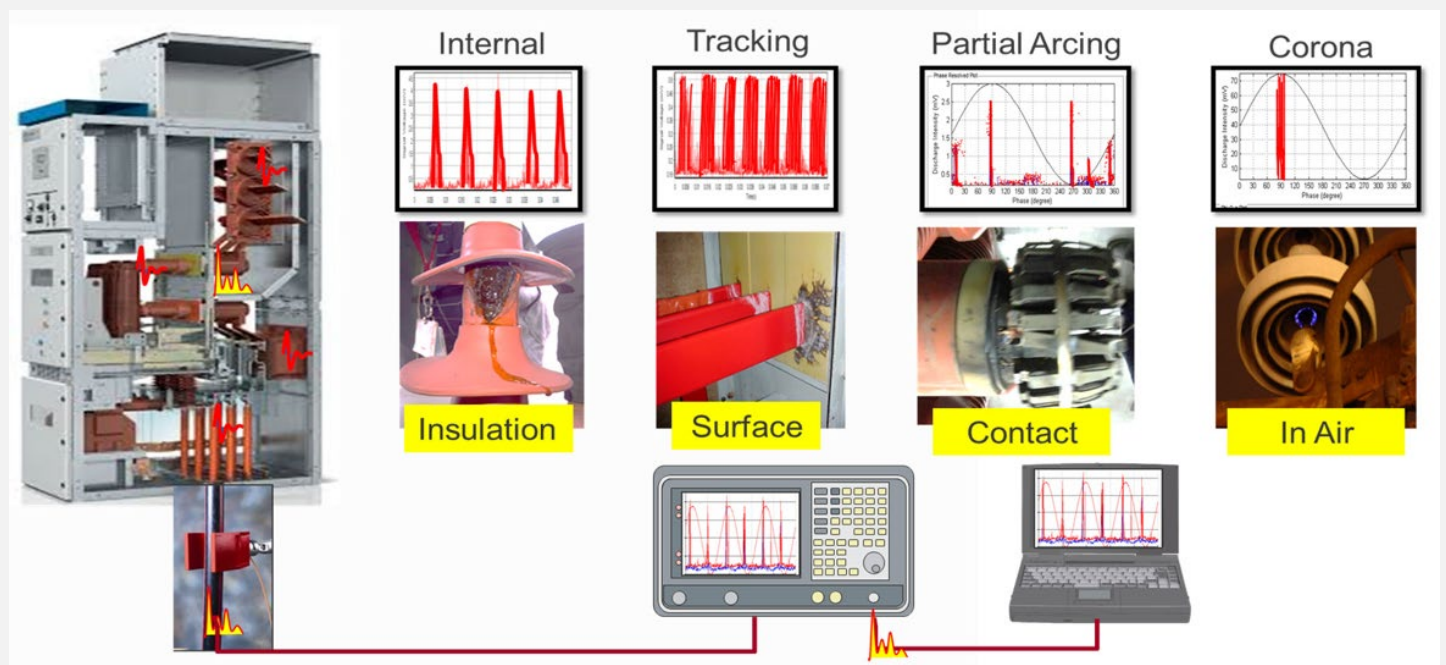


### The scope

On-line condition assessment method | Component in operation at system voltage and operating temperature under mechanical and electrical stresses.

This on-line assessment method's main objective is the conduct assessment of the switchgear, switchgear components i.e. bus bar sections, insulators, voltage transformers, current transformers and terminations.

The technology is designed to offer a cost effective way to identify internal insulation, tracking, partial arcing or corona defects before they can turn into failures.



### Reliability solution

Martec is a service provider to the market. The data acquisition process is performed by trained specialist to acquire data with various technologies to add value to the on-line condition assessment process.

The data will be compiled and forward to PD specialist to conduct analysis. The analysis process will be according to international best practices standards.

#### A final engineering technical report for the client with the following information:

- Defect findings on the scope of work.
- Findings with the support technologies used during the data acquisition process.
- Photographs of the visual findings identified.
- Recommended actions
- Previous findings per component for trending analysis.

\*The final report may be discussed with the client if required.