

Temperature Monitoring System



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Why temperature monitoring

Switchgears and transformers are highly reliable but they are prone to failure despite regular maintenance.

Key Risks to Monitor:

Overheating in breakers, cable terminations, and busbars due to:

Loose connections.

Overloading.

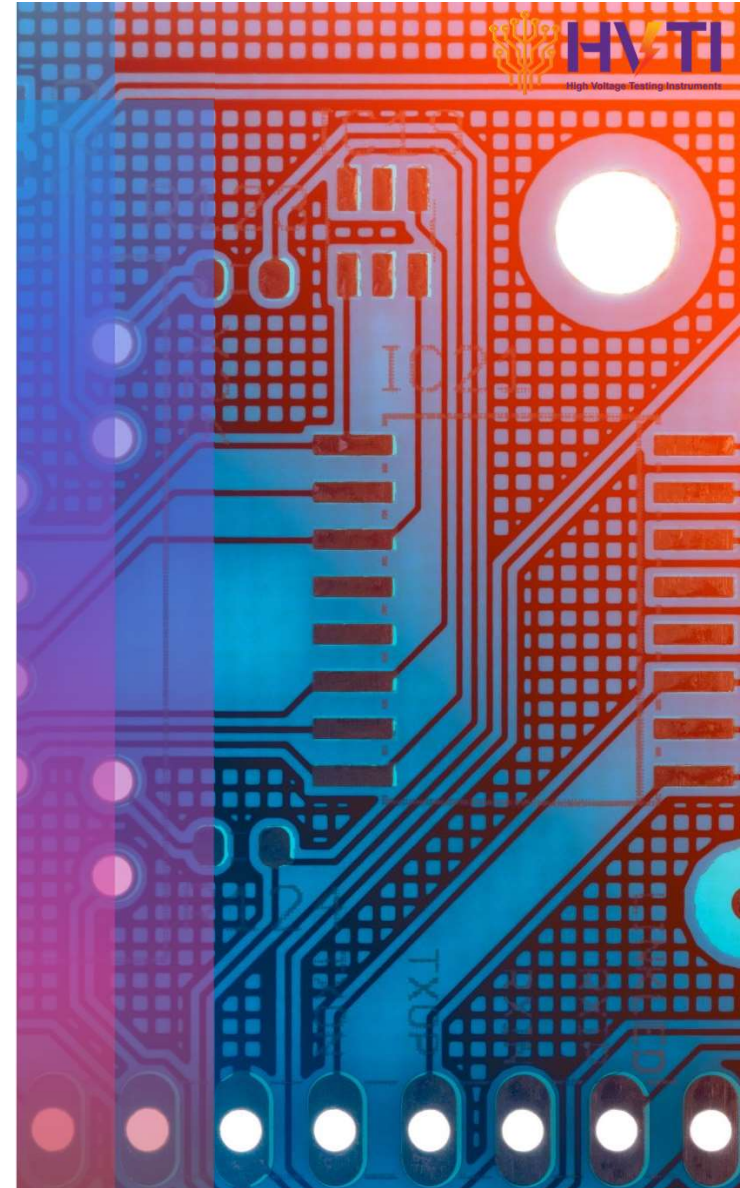
Corrosion.

Environmental factors.



Why our temperature monitoring system

- **Line-of-Sight Not Required:** Accurate temperature data, even in complex setups.
- **Seamless Integration:** Easily integrates with SCADA, BMS, and HMI systems.
- **Advanced Communication:** RFID & Modbus RTU for reliable data transfer.
- **Low Maintenance:** Zero cross-interference and no batteries to replace.
- **Flexible Design:** Wireless, scalable, and customizable sensors to fit any need.
- Our system is designed to simplify monitoring, reduce risks, and ensure uninterrupted operations.

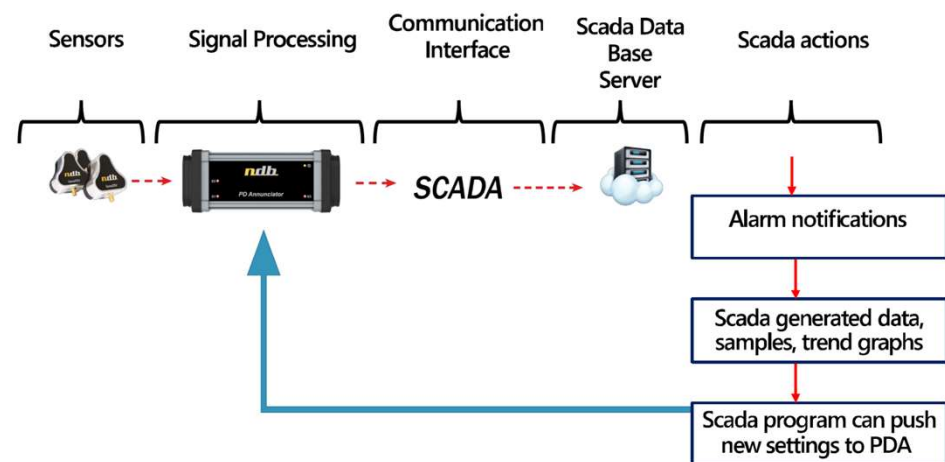
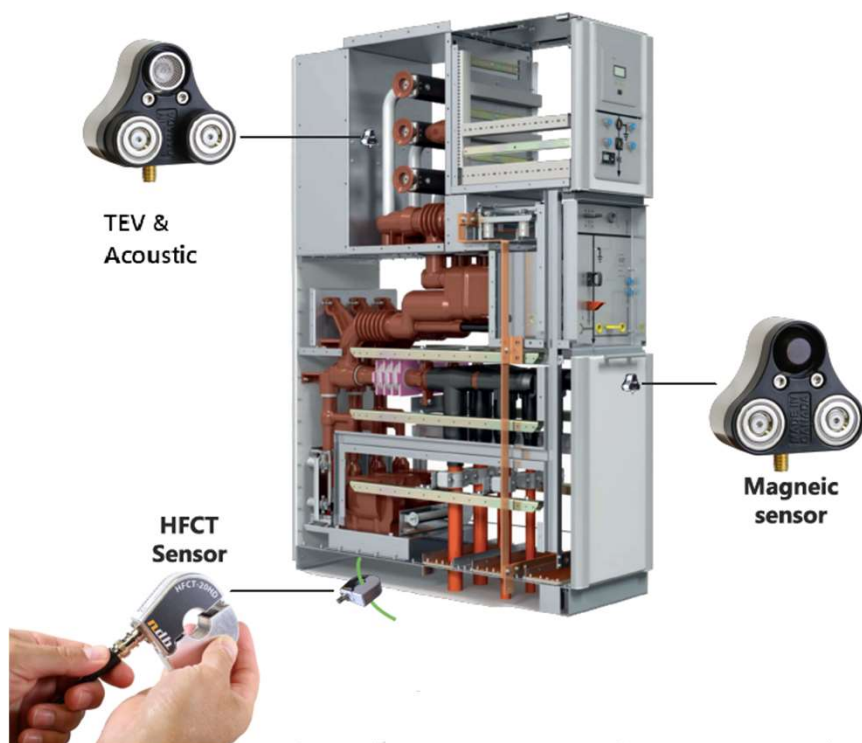


Sample sensor installations

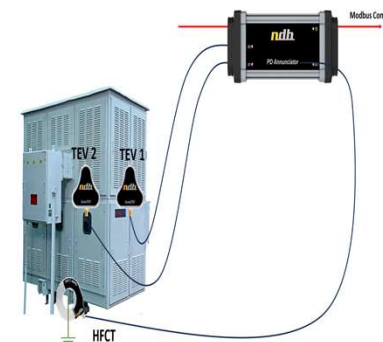
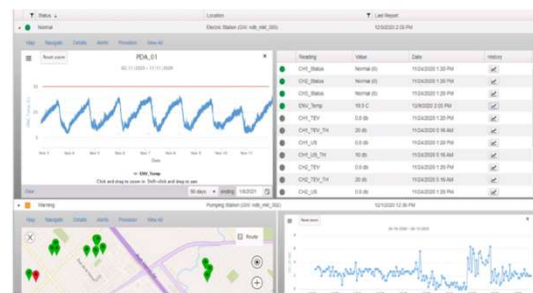


Partial Discharge Integration with Temperature Monitoring

ONLINE CONTINUOUS PARTIAL DISCHARGE MONITORING & ALARM SYSTEM FOR SWITCHGEAR PANELS, TRANSFORMERS AND CABLES



ADVANCED ALARM AND TRENDING SOFTWARE



Explore Our Other Innovative Solutions



◀ Voltage Detector Model TP-S9



Automated Controls With User Interface and LCD Display for Primary Injection Kits



Automated Controls Panel with LCD Display and User Interface for HV Testing Kits



3000A Continuous Rated High Current Unit of Primary Injection Kits



Model TP-100A Secondary Injection Kits



HV AC Testing Transformers Upto 300KV, Oil Filled and Resin Cast



Model VT-60 Vacuum Bottle Test Set