



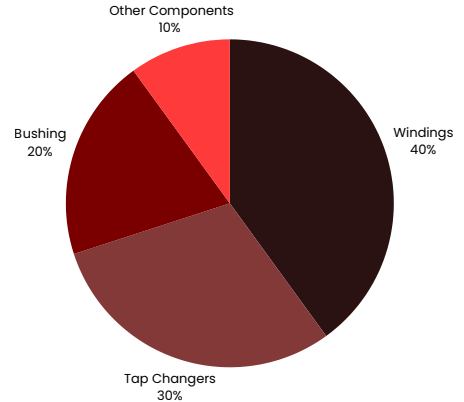
**Dry Type Transformer
comprehensive
monitoring**

Dry Type Transformer Failure modes

Silent Threats That Can Bring Your System Down

Without proactive monitoring, these failures often go undetected until they cause costly outages or safety hazards, forcing operators to respond reactively rather than preventively.

No alarms. No signs. **Just failure!**



Unless you're actively monitoring, **failures will strike without warning**

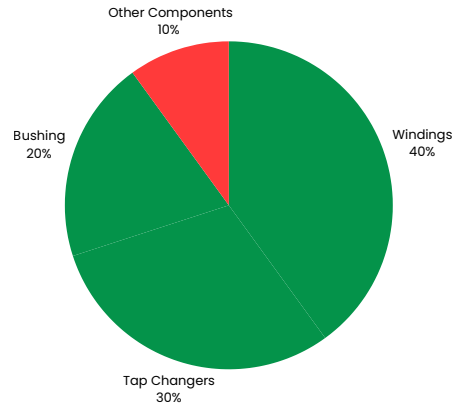


Cover up to 90% of critical Failure modes

Through Partial Discharge,
Temperature and Condensation
monitoring

Just a few strategically placed sensors
can significantly improve detection of
critical failure modes, helping you
enhance asset reliability and prevent
unexpected outages.

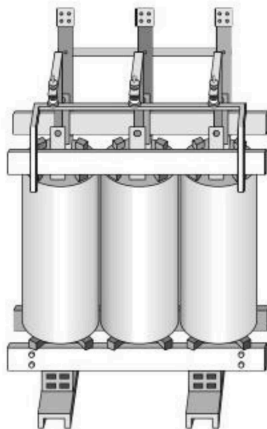
**Detect 90% of critical failure
modes before they escalate**



**With continuous monitoring and
proactive maintenance, risks become
manageable**

Dry-type Transformer

- HV/LV Connections wireless & battery-less thermal monitoring



Wireless Humidity & Temperature Sensor Condensation

- Wireless Ambient Humidity & Temperature measurement
- Dew point calculation
- Ultra low power and long life



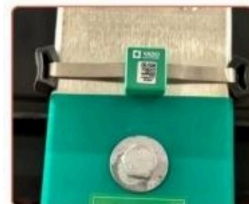
Tapping connection



HV connection



Enclosure



LV connection

Coupling Capacitors

- Capacitor Coupling for Partial Discharge detection on the transformer windings

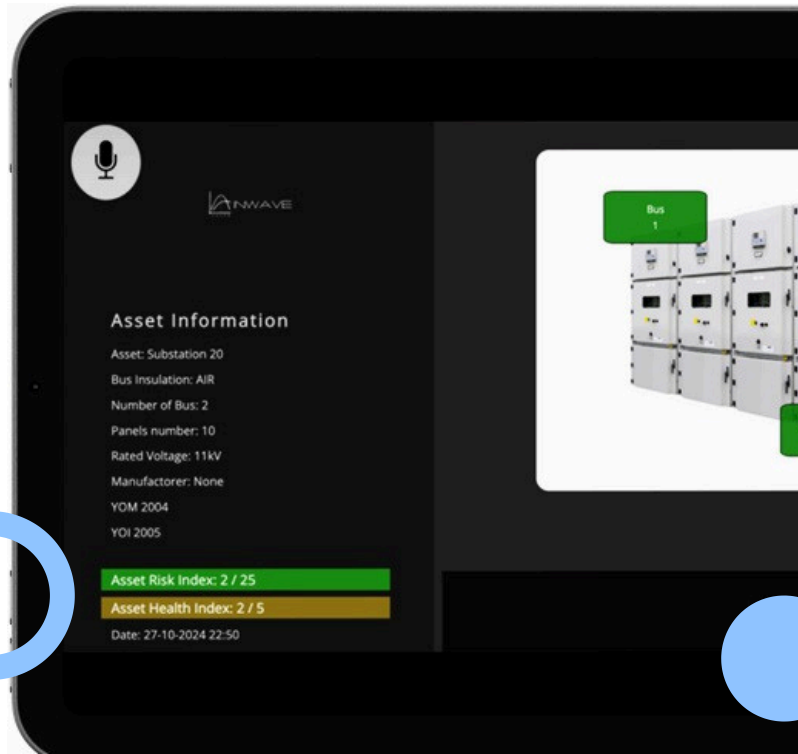




From Data to Actionable Insights

Optimising Condition-based Maintenance through Integrated Health Monitor System

IHMS integrates multiple data sets to provide a holistic Asset Health and Risk Index in accordance with CIGRÉ TB 912. Diagnostic data is transformed into actionable insights that drive better decision-making.





Centralise Analyse Integrate

Bridging Data gaps

The IHMS centralizes diagnostic data from continuous monitoring and spot testing to automatically analyze the results, health, and risk indices for medium and high voltage electrical assets, seamlessly integrating diagnostic raw data and analyses into existing management software and dashboards.



Connect with us

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