Touchless™ Monitoring Solutions

systems with intelligence™

TCAM2500 VISUAL PLUS THERMAL MONITORING SYSTEM

Key Features:

- **Dual Monitoring:** Combines visual and thermal imaging for comprehensive monitoring.
- **Engineered for Substations**: Designed specifically for electric power substations.
- **Automated Alerts:** Sends notifications via SCADA or email when temperature anomalies are detected.
- **Automated Patrols:** Programmable to monitor and track hundreds of thermal data points.
- **Reliable in Harsh Conditions:** Operates effectively in environments with high electromagnetic interference (EMI), voltage fluctuations, and extreme weather.

Why It Matters:

Aging infrastructure in the electric grid increases the risk of outages, often due to undetected overheating in components like transformers or circuit breakers. The TCAM2500 system helps anticipate and address these issues, ensuring uninterrupted power flow and operational efficiency.

Applications:

Monitoring: Power transformers, load tap changers, insulators, circuit breakers, bushings, and arrestors.

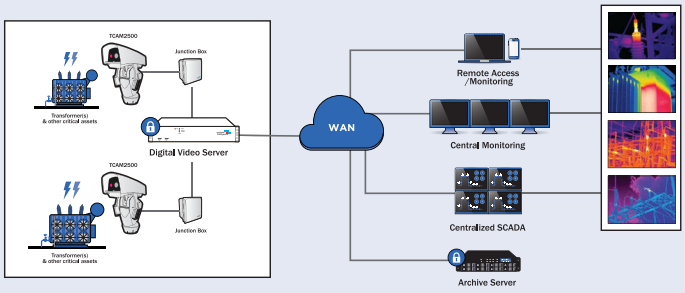
Ideal For:

Power utilities seeking automated, reliable substation monitoring to enhance operational reliability and safety.

Key Benefits:

- **Early Warning of Problems:** Detects temperature anomalies early to prevent unplanned outages.
- **Enhanced Safety and Efficiency:** Reduces the need for on-site monitoring by operations staff.
- **Data-Driven Insights:** Supports condition-based maintenance with detailed temperature trend analysis.

SUBSTATION MONITORING ARCHITECTURE



*For more details or to request a full technical overview, sign up **here.***