SMARTER UNDERGROUND GRID MONITORING SOLUTIONS
POWERED BY TE CONNECTIVITY (TE) AND CNIGUARD

TE and CNIguard, a specialist in underground IoT safety and analytics, have partnered to deliver real-time, end-to-end visibility across underground distribution networks and improve your FLISR strategy.

LESS DOWNTIME. INCREASED SAFETY & OPERATIONAL EFFICIENCY.

Fast Fault Location
Measure fault magnitude and direction to reduce fault location time from hours to minutes.

Improved Risk Posture
Monitor partial discharge and explosive gases to intervene prior to high-loss failure events.
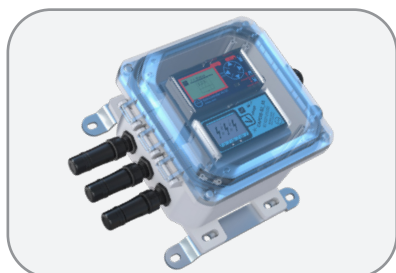
Enhanced Situational Awareness
Detect explosive gases, flooding, and hot spots before they lead to failure.

Actionable Intelligence
Real-time alerts and intuitive visualization to immediately see if your grid is healthy, identify failures, or spot early signs of faults that require preventive action.

END-TO-END GRID MONITORING SOLUTION.
FROM SENSORS TO SOFTWARE.

TE Kries Voltage & Fault Current Indicator

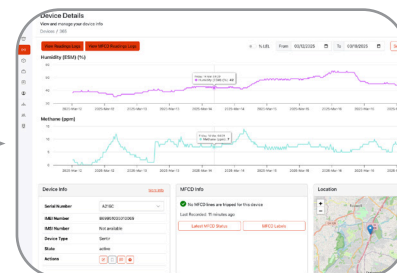*CNIguard Monitoring Solution*

CNIguard's SaaS Platform

- Over 20 years of experience with 1.5M+ devices in operation
- Comprehensive electrical measurements – load flow, power, directional fault detection, voltage monitoring, & partial discharge indication
- IP68 for underground & submersible environments

- Explosive gas detection
- IR and visual monitoring for environmental sense
- Flood detection, fault current notifications
- IP68 for underground & submersible environments

- Real time alerts, reporting and data analytics
- Remote inspection of underground space
- Integration into existing IT/OT systems

Learn more: TE.com/smartgrid
Connect with us: TE.com/energy-contact