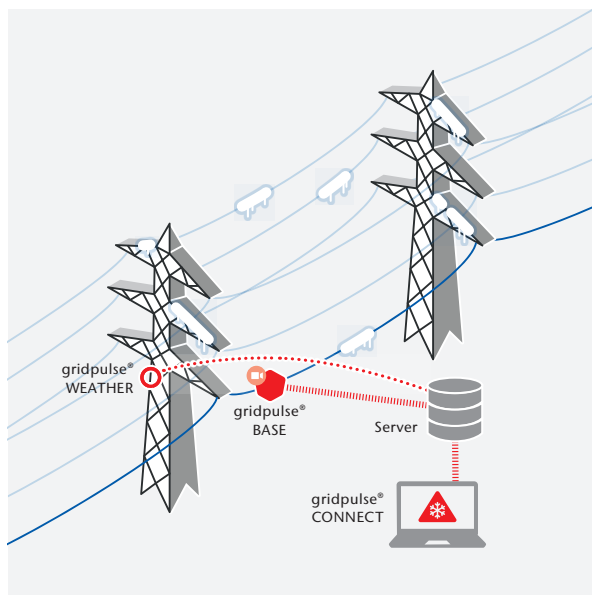


gridpulse® ICE DETECTION

THE SMART WAY TO PROTECT LINES
FROM ICING DAMAGE



**Recognize and
predict icing events
at critical sections.**

Icing is a substantial threat to overhead lines. If undetected and unmanaged, ice loads can permanently damage lines, leading to high repair costs and power outages.

gridpulse® ICE DETECTION combines weather information with conductor data in real time. The measurements of conductor temperature and catenary angle (inclination) are used to detect conductor elongation caused by ice build-up. The underlying model considers mechanical properties, physical conductor and section characteristics to warn operators before dangerous situations occur. Additionally, the integrated HD-camera provides live pictures from the line.

gridpulse® ICE DETECTION helps to recognize and predict icing events at critical sections, empowering Transmission System Operators (TSOs) to keep affected lines safe.

The system's comprehensive combination of all relevant information allows TSOs to significantly increase the safety of their infrastructure ensuring continuous grid operation.

INTERESTED? LET'S TALK.

CONTACT ONE OF OUR EXPERTS



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