

Company

Sentrisense leads the way in transforming energy grid management for overhead power lines (OHL).

We empower decision-makers with the tools to solve the energy transition and understand where to prioritize maintenance efforts, enabling the operation of a more efficient network. Committed to reducing environmental impacts and optimizing existing capacity, we aim to digitize and optimize the most geographically distributed human infrastructure on earth: **the power grid.**

Our Solution

SENTRI is an advanced sensor technology designed for comprehensive monitoring and management of overhead power lines. By equipping energy grids with essential tools for **Early Fault Detection (EFD)**, **Quick Incident Detection (QID)**, and **Dynamic Line Rating (DLR)**, SENTRI enhances operational efficiency and safety. This scalable solution ensures a more efficient, resilient, and sustainable power grid, unlocking the full potential of your infrastructure.



Services

Early Fault Detection **EFD**

Identifies potential issues early on, preventing outages and reducing the costs associated with maintenance and repairs.

Quick Incident Detection **QID**

Rapidly detects and responds to power line issues, minimizing service disruption, ensuring uninterrupted power flow and enhancing grid reliability.

Dynamic Line Rating **DLR**

Adjusts energy transmission capacity based on real-time environmental data, maximizing the efficiency of existing infrastructure.

Why Sentrisense?

Sentrisense increases the efficiency of your overhead power lines (OHL), ensuring reliable energy transmission. Our SENTRI device snaps into action in less than a minute, providing a cost-effective solution adaptable to any power grid size. Leverage our pre-built models or integrate the data with your own tools to make informed decisions that improve performance and ensure the long-term value of your assets.

Our Impact

With customers in **4 continents**, Sentrisense global presence underscores our commitment to innovating within the energy sector. Our projects have demonstrated measurable improvements in grid performance, contributing to the broader goals of energy sustainability and reliability.