

Al-powered grid insights

In just one hour of downtime, utilities can lose millions. Percepto's AI-powered SaaS helps minimize SAIDI & SAIFI, optimize OpEx, and improve service reliability with actionable grid insights.

Percepto enables electric utilities stakeholders to:

Reduce outages

Improve service reliability by detecting issues early before they escalate.

Streamline operations

Use GIS insights to direct teams to precise locations with the right equipment.

Boost reliability

Leverage AI-powered insights to track asset health, failure risks, and infrastructure trends.

Lower OpEx

Shift from reactive to proactive maintenance with prioritized risk-based decisions.



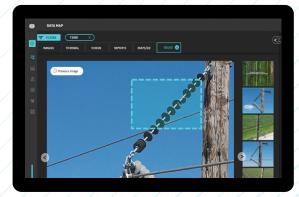
Top use cases for electric utilities:

- Electrical component inspection
- Infrastructure integrity inspection
- Vegetation management
- Disaster recovery
- Proactive maintenance



Percepto AIM software

Cloud-based SaaS transforming grid data into actionable insights.



Al anomaly detection

Never miss a fault with Al-powered anomaly detection and precise geolocation.



Thermal analytics

Detect overheating components with Al-driven temperature based analysis.

Findings			
Page Index Sever	ity ∆T (°F)	Description	Location
<u>6</u> 5		Surge Arrestor - Polymer - Offline with Lead Missing - CL 5 - C Phase	0
Z 5		Insulator - Post Top / Regular Porcelain - Mnt Hdw - Hardware Failed/Dev Tilted - CL 5 - A Phase	<u>0</u>

Expert reports

Prioritize maintenance based on detailed inspection reports, accurate down to the bolt level.



GIS insights

Streamline inspection with all data automatically geotagged and assets created from nadir.

