



The LineVision Difference

At LineVision, we believe that the future of the power grid is dynamic, resilient and renewably powered.

We are driving the clean energy transition by equipping utilities with advanced grid monitoring technologies that provide deep visibility into the transmission grid and allow utilities to safely integrate more renewable electricity while improving the reliability and resilience of the system. Our mission is to Accelerate the Net Zero Grid and we are doing so every day with our relentless commitment to a more sustainable future.

COMPLETE SOFTWARE SUITE & SECURE DATA DELIVERY



Dynamic Line Ratings

LineVision LineRate®

Line ratings are calculated using real-time field measurements of weather and conductor position, enabling grid operators to dynamically optimize power flow



Situational Awareness

LineVision LineAware®

Ensure lines are within safe operating limits with real-time alerting on threats to grid reliability or public safety



Asset Health

LineVision LineHealth®

Advanced asset management by using digital twin models to understand conductor health and prioritize maintenance of critical assets

LineVision's robust software suite offers utilities a holistic view of transmission line capacity, health, and performance. By seamlessly integrating real-world data with our proprietary methodologies, LineVision empowers grid operators to modernize their operations and enhance grid performance. Our [ISO 27001](#) certification, along with flexible, secure, and scalable data integration options, ensures the highest standards of data security and adaptability.



DLR can increase transmission capacity by up to 40% at a fraction of the cost and time required to build new lines.

THE INDUSTRY'S ONLY NON-CONTACT SENSOR

All of LineVision's software solutions are powered by real-world data from LineVision LUX™: the industry's only non-contact sensor. Unlike line-mounted sensors that risk crews' safety and require costly installations, our patented LiDAR sensor mounts securely to lattice towers and monopoles, removing the need for high-risk work or service interruptions.

- LiDAR technology monitors all phases of power with a single device
- Stainless steel enclosure and long-lasting lithium iron phosphate battery ensure high reliability and uptime
- Assembled in the USA in an ISO 9001 environment
- Full hardware maintenance and warranty for the life of the contract



LineVision's LUX Non-Contact Sensor

CIGRE AND IEEE BACKED METHODOLOGIES

LineVision's industry-leading meteorologic and data science teams have developed state-of-the-art methodologies that leverage field data and power our software offerings. Combining machine learning and Computational Fluid Dynamics modeling with real-time sensor data, we construct comprehensive, validated models for Dynamic Line Ratings and transmission line analytics.

- Real-world sensor data continuously trains and validates models
- High accuracy and uninterrupted results
- Guaranteed 99.5% DLR availability; the highest offered in the industry

UNPARALLELED EXPERIENCE & PARTNERSHIP

Your project's success is our highest priority. LineVision works hand in hand with our utility customers through every stage of the project's lifecycle, from planning to integration and ongoing operations. By choosing LineVision, you gain a dedicated team of data scientists and transmission experts who are committed to supporting grid operators.

LineVision has a proven track record of successful installations worldwide, serving leading utilities in the world. **Our customers include:**



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