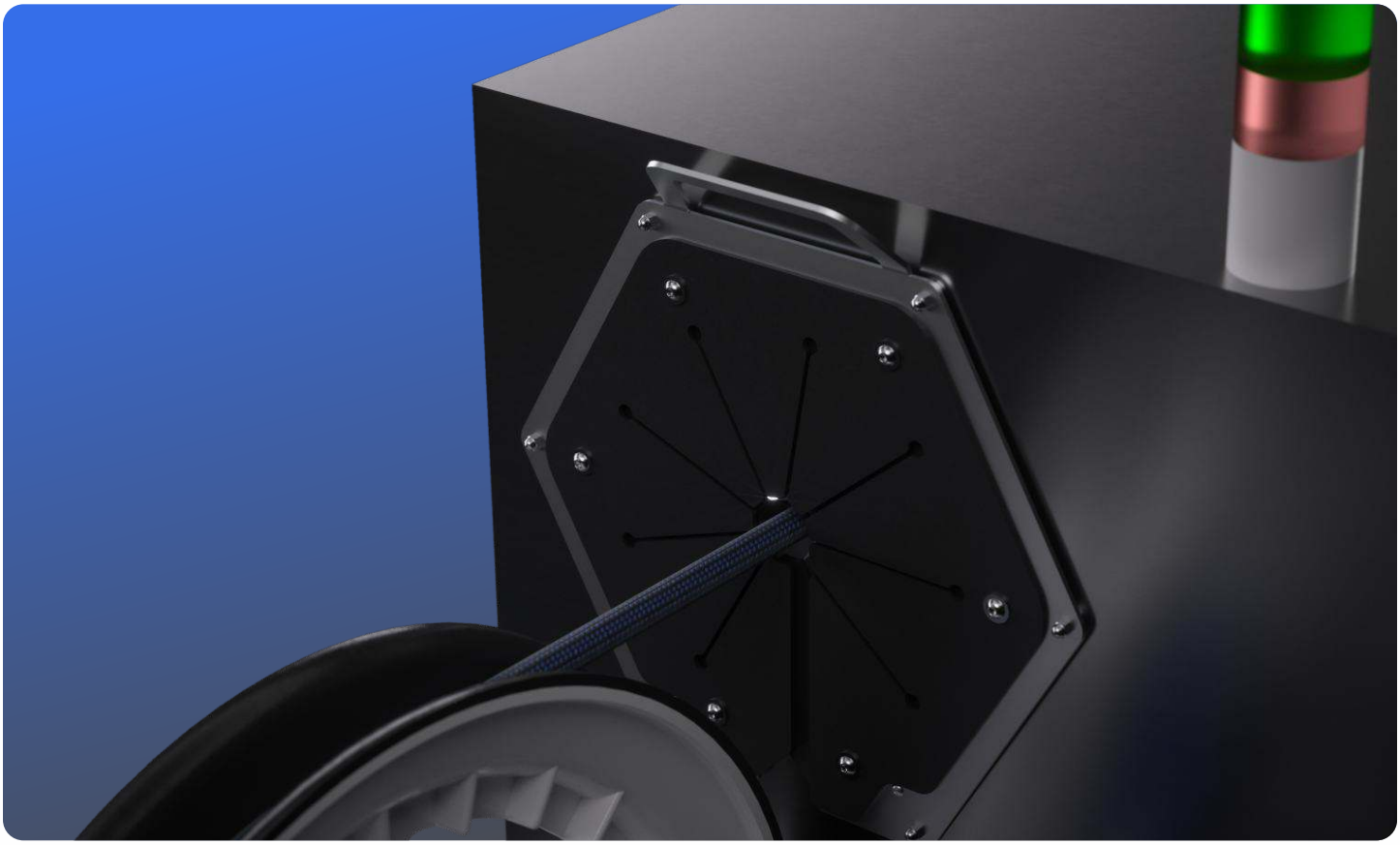
scope

I&I Sling Leverages Scope to Transform Safety Standards for Electric Utilities in North Carolina



scope

I&I Sling, a leader in high-quality rigging products and solutions, is taking utility and contractor operations to the next level in Charlotte and Greensboro, North Carolina, by introducing Scope Computer Vision Technology.

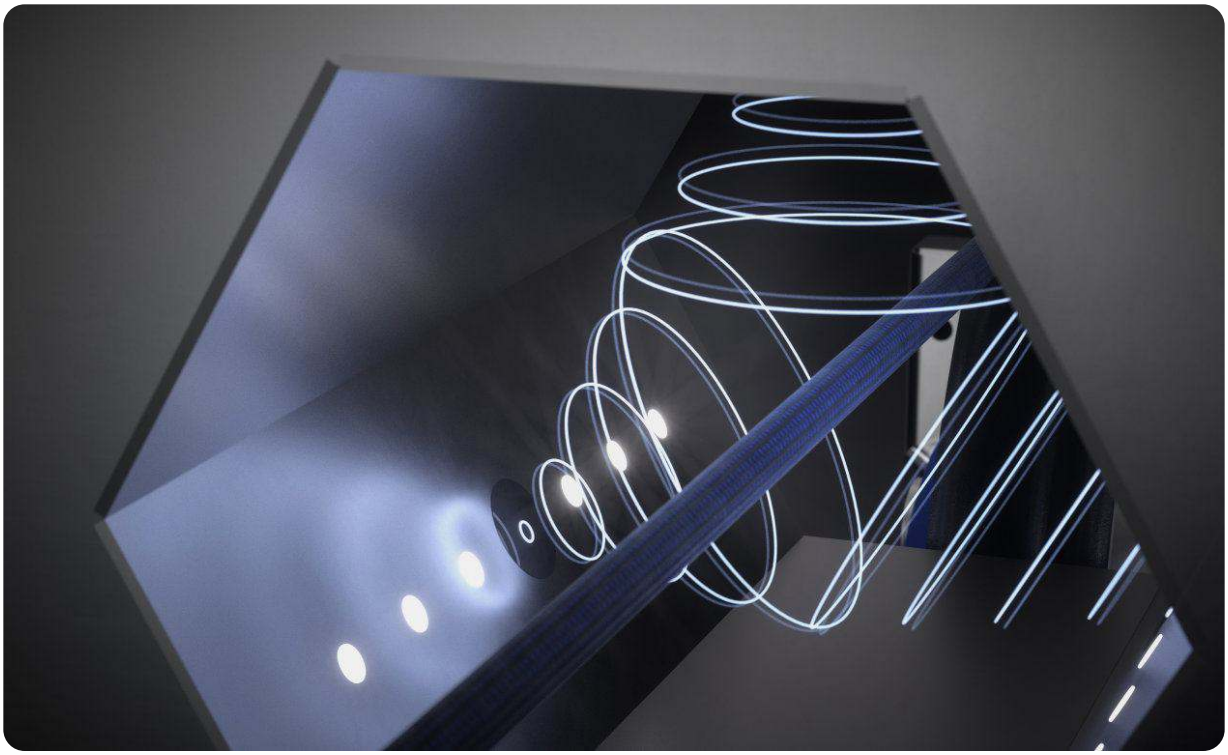
This state-of-the-art technology is designed specifically to inspect utility stringing lines, providing unprecedented safety and transparency around line careon transmission and distribution projects. Through the deployment of this advanced inspection solution, I&I Sling empowers local utilities and contractors to elevate the standards of stringing line health, reducing risk and increasing operational safety in the field.

scope

Enhancing Safety Across Transmission and Distribution Projects

At I&I Sling, safety isn't a priority - it's their mission. With Scope, they are taking that commitment to new heights by delivering cutting edge solutions that protect workers and infrastructure alike. Transmission and distribution projects inherently carry risks, particularly when it comes to conductor pulls through energized corridors or communities. Traditionally, the inspection of stringing lines required manual visual assessment, which relied solely on human judgment and had error rates as high as 50% when predicting strength. Enter Scope: a groundbreaking advancement that transforms the inspection of stringing lines. Powered by advanced AI, Scope provides strength assessments that are 10X more accurate with precise measurements and image verification—automatically. No guesswork, no delays—just actionable insights that redefine safety and reliability in every project.

I&I Sling has been trained and certified to use this technology to provide the highest quality and most accurate assessments of stringing lines in the industry. When local utility companies and contractors leverage I&I Sling and Scope to inspect stringing lines before high risk conductor pulls, they better ensure potential rope hazards can be detected and addressed prior to executing overhead stringing operations where a dropped conductor could have catastrophic consequences.

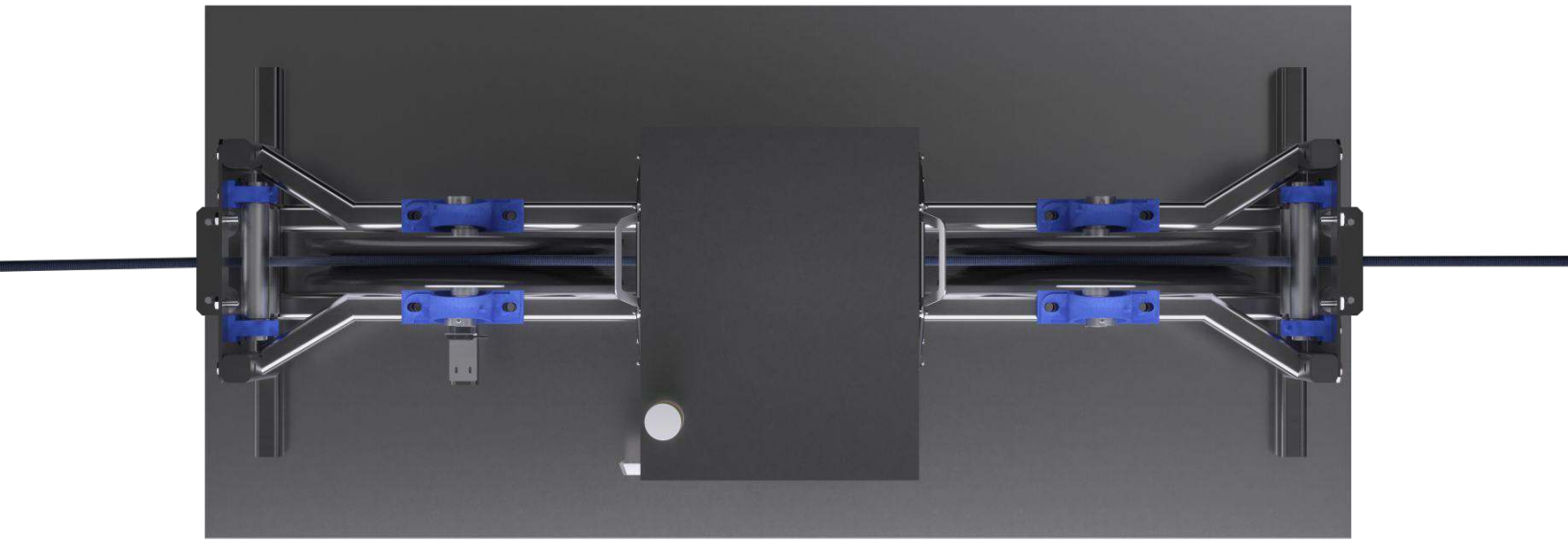


Line Health History and Insights

Each Scope inspection provides critical insights and photos allowing I&I Sling to compile a comprehensive record of line health. Over time this historical data may be leveraged to better understand wear patterns, predict maintenance needs, and ultimately extend the lifespan of the stringing lines used in utility operations. For utilities and contractors in the Charlotte and Greensboro areas, this functionality translates into significant operational advantages. They can now track the performance of their equipment over time, make informed maintenance decisions, and optimize their rope investments. By having detailed inspection history, utilities and contractors are better equipped to demonstrate that they've responsibly maintained their lines over the course of their life.

Supporting Reliable and Resilient Utility Operations

The addition of Scope to I&I Sling's offerings exemplifies their strategic commitment to innovation and reliability. As North Carolina's energy demands continue to grow, ensuring that transmission and distribution infrastructure remains in peak condition is essential to delivering consistent and reliable service. I&I Sling's technology solution not only supports this objective but also sets a new industry standard for proactive, technology-driven stringing line inspection.



Scope

Make every pull a safe pull

Stringing Line Safety Best Practices

Guidelines for Maintaining Fiber Rope Stringing Lines in the Overhead Electric Utility Sector

visionbyscope.com/Best-Practices

Scope Computer Vision Technologies

Prevent critical line failures, increase safety, and protect operations.

visionbyscope.com

scope