

#BetterTogether:

JOINT POLE USE ANALYSIS



#BETTERTOGETHER

Working across sectors at ENTRUST is essential for fostering innovation, efficiency, and overall success. When our different departments collaborate and share knowledge, they bring diverse perspectives and skill sets to the table. This cross-functional approach enables us to tackle complex challenges from various angles, leading to more comprehensive and well-rounded solutions. Ultimately, this collaborative approach empowers us to remain agile and cutting-edge for our customers. We are #BetterTogether.

THE PROJECT

One project in which we have worked cross-sector is our Joint Pole Use Analysis. This project is a collaboration between two ENTRUST sectors, EN Data Solutions and EN Communications, with two pillars of support from the electrical utility sides of EN Engineering and EN Consulting. This project represents a groundbreaking initiative to enhance broadband infrastructure design and deployment.

Leveraging existing LiDAR data and make-ready engineering data acquired in the field by the ENTRUST Electrical Utilities team, EN Data Solutions can harness the potential of this broad dataset. With their robust data analytics, this team can efficiently analyze pole data to identify optimal locations for broadband infrastructure placement.



Developing and deploying machine learning models on the LiDAR data allows the team to extract pole and span measurements quickly and accurately. Their expertise in data interpretation and pattern recognition enables the precise assessment of pole capacity, structural integrity, and compatibility with broadband installation.

Through this synergistic partnership, EN Communications is poised to accelerate the expansion of its projects on high-speed internet systems, connecting communities with faster and more reliable broadband access, thereby bridging the digital divide and fostering economic growth.

The collaborative efforts across sectors at ENTRUST are the bedrock of innovation, efficiency, and overarching client success. By harnessing the diverse perspectives and skill sets from our various departments, we address intricate challenges from multiple vantage points, resulting in comprehensive and well-rounded solutions. We are #BetterTogether and serving our customers with unparalleled one-stop-shop approaches.



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