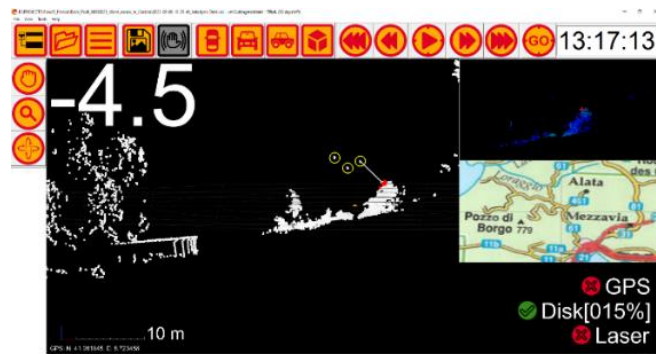# PLCT

PLCT is a real time application that runs on a windows laptop. It uses a Puck sensor to calculate the distance from power lines to vegetation, all in real time while you walk underneath you power line to check the pruning. If any vegetation is too close it will alert you immediately.

The software will show the Lidar data in real time and in a nice cross section you will see the phase lines and all vegetation that is too close. From this you can create a report with the built in GPS.

Technical spec:

Scanner	**Velodyne Puck**
Laser Range	**100 m**
Precision	**3 cm**
Scanner field of view	**360°**
Connection to PC	**WIFI**
Operating system	**Windows**
Platform	**Handheld or backpack Lidar**
Weight	**2.5 kg**
Power consumption	**40 W**
Operating voltage	**12 V**
Operating temperature	**0 to +40 °C**
Dimensions	**23 x 16 x 17.7 (cm)**