

## Combining Multi-Source Point Cloud Data

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### **ABSTRACT**

*Point clouds are more readily available than ever before with literally hundreds of sensors and software packages delivering to our desktop hundreds of millions of points. This presentation examines how we can look to merge Light Detection and Ranging (LiDAR) data from terrestrial and Unmanned Aerial Vehicles (UAVs) to achieve a combined dataset with coverage not possible from a single sensor. When merging this data, it is important to know how to control and verify the quality of the model and the source of the data. This presentation helps understand the limitations of each scanning capture method for project planning purposes.*

**KEYWORDS:** *Point cloud, LiDAR, scanning, UAV, UAS.*