Automatic Detection and Extraction of Objects from 3D LiDAR Datasets. Perspective from a Start-Up

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SUMMARY

The LiDAR industry grows enormously each year and the amount of LiDAR data collected continues to grow. However, It is becoming increasingly difficult to store, manage, analyse and process this massive volume of data efficiently. Dealing with massive size of LiDAR datasets can no longer be dealt with traditional methods. It requires advanced algorithms, to quickly and accurately extract and analyze features.

The presentation will focus on the following issues:

The impact of automation factor in LiDAR data processing. Why is automation so important and what is currently possible? The effect of LiDAR data quality in automated object detection.

How do you make massive sized LiDAR data sets available for other users in your organization and make automatic object detection and analysis as simple as possible for the user.