



# Article Side

What is the Job of Lidar Companies by [Angie Turner](#)

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You might have heard of aerial surveying, but you might not be aware of the technical aspect. Lidar scanning is not solely about collecting all the data and information from the aerial perspective by fitting a traditional camera but aerial scanning involves using remote sensing technologies, such as the laser scanners and satellites to produce ranging and Light detection. It is to bring out high accuracy in the scanning process. Many Lidar companies are engaged in the process and carry out the work with adept attributes.

## The Job of lidar companies

Getting into the details of technology, you will know that Lidar uses a type of optical remote type sensing technology that operates by detecting the triangulation scanner and measuring all the properties of the scattered light. This is to measure the range. The process helps to reveal everything of the surface area so that nitty gritty of work on the ground surface can be detected from the aerial level.

Lidar surveying or scanning is offered majorly by the Lidar companies using high-resolution camera to captivate the aerial images from a very close distance. The scanner has to be at 300 feet level above the ground. Many such companies offer the kind of LAMP services that are often used by individuals or businesses to survey a large or extended area. Contacting lidar companies is the best option when getting into the job of pipeline patrolling, road planning, aerial mapping, aerial surveying and much more.

The scanner uses high accuracy to bring in precise information so that the data collected is not wrong from any angle. Digital terrain models are used in the process, which include creating relief type maps, engineering designs, flight planning, designing of transportation system and much more.

Thus, now you know the job of such organisation and their importance in the scope of surveying.

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