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Lidar Scanning and its Use in Different Areas by [James Blee](#)

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Lidar is scientifically described as laser survey used for surveying or scanning of buildings, spacious environments, large objects and much more. Unlike the other type of laser scanners, lidar scanning is capable of delivering precise reading.

Lidar scanning- areas where it is used

Lidar companies invest heaps of money for employing surveyors in the field of archaeology. The survey actually helps in creating different digital elevation models that helps in revealing the structures and also details of landscape elements that remain hidden from the naked eyes.

Lidar scanning renders in aerial surveying. The companies engaged in the process use the type of time of flight technology or scanners that help to gather all the data from both manufactured and natural terrain for 3D mapping. The process has several uses, which include comparative map; military used maps, educational maps that bring out the gradual change in topography.

Historical preservation is a major issue. The technology is used in garnering data terrains, large objects and buildings. The historical significance of the technology is for restoration purpose. Therefore, a lot of research goes into collection of all the information.

To mention the most important issue, the technology is used in building surveys. Suppose a building is timely scheduled for rehabilitation process, spatial data plays an important role for conceiving the designing plan and carrying out a proposed plan for the whole building. Remember, when there is a new construction, it is important to collect all the data pertinent to surrounding environment so that it plays crucial to bring a completion to the designing so that it stays in sync with the surrounding objects.

So, you might have a fair idea now about lidar scanning and its use in different areas. The technology proposes new dimension of discovery in the different fields, which show to the world the significance of the technology.

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