

Managing Unlimited 3D Scan Data, Is That Possible?

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Key words:

SUMMARY

Terrestrial Laser Scan technology was always a challenge in the past and it was limited to few experts who knew how to handle this technology. The hardware in the last few years highly developed. It can nowadays capture over 1 million points per second and less than 1 mm accurate. Other 3D Laser scanner can reach range over 6000 meter from one position. That is important from one side but from the other side: how should we handle all the data? To bring this huge amount of cloud points into real 3D model it is a big challenge. Here we come in this paper to focus mainly on new technology how to handle huge amount of point cloud and how to visualize unlimited number of point cloud by applying solutions in live demonstration to the few of the most important project internationally.