

Mobile Mapping System Used in Cadastral Surveying

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SUMMARY

Cadastral surveying is quite an important task for all the countries and the government. The cadastre record the detail location, coordinates, ownership, and a lot of valuable information, which means the location should be very precise. Based on the surveying technology, we are able to acquire the high-precision coordinates in a very reliable and efficient way. Laser scanner is one of the latest surveying technology to measure the object by millions of points per second with centimeter accuracy. Compared with a traditional method, Laser scanner can improve the efficiency by around 4 times. This paper introduces the application of Mobile mapping system which has been used in cadastral surveying, as well as the benefit and detail procedures.

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