

Mobile Mapping System used in Cadastral Surveying

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SUMMARY

This presentation is a project case in Southern China, using Mobile Mapping System for Cadastral Surveying.

Cadastral surveying requires high accuracy(5cm). Traditional technology using Total Station or GNSS receiver need a lot human labour, but takes a lot of time.

With Mobile Mapping System, it improve the working efficiency and improved the accuracy as well. The point cloud data also can be used for 3D modeling, which also improved the result quality.

Mobile Mapping System is integrated system combined with Laser scanner, GNSS receiver, IMU and the computer unit. The software also realize a lot functionality for different industry application.