

# **Report on Integration of Techniques for Digital Mapping**

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**Key words:**

## **ABSTRACT**

This report discusses the impact of digital geo-imagery in general on digital photogrammetric mapping lines and its integration with new technologies such as GPS, INS, LASER scanning systems and new image processing techniques in order to automate and reduce costs of production and updating cycles of geo-information. This paper provides an overview of actual trends in the digital mapping field and guidelines for NMAs but also for large or small private surveyors companies to help them in choosing the best hardware and software solution for a given set of requirements. It also addresses recommendations to software and hardware companies in the field to improve users satisfaction and to convince non yet users to definitely join the digital mapping community.

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