

GIS-o-TOPO-lis

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Titel van de presentatie / Titre de la présentation: Holy Grail of User Generated Verification and Real Life Maps

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Samenvatting van de presentatie / Résumé de la présentation:

Today, the Tele Atlas digital map databases represent several ten millions of kilometer of roads and contain over two billion of addresses world-wide enabling a wide variety of applications and services. Expanding and maintaining these rich databases is an immense but also a fascinating challenge. Whereas in the recent past a traditional “cartographer and survey approach including field staff was followed to inspect and update map databases, the increasingly higher quality and content requirements of our customers necessitate the accelerated deployment of additional technologies. Tele Atlas is now a world leader operating a vast fleet of mobile mapping survey vehicles accurately capturing very high resolution imagery, position data and 3D data of the vehicles’ surrounding via laserscanners. Splitting data collection from data processing definitely enables a higher efficiency of the mapping process. Another approach which is followed is the intensified cooperation with the many national road authorities in Europe. In the future, updates of “safety attributes” such as speed limits and traffic signs will find their way from road authorities to private map makers in a generic and qualified way (Rosatte, EC funded FP7 project). In addition, the Tele Atlas mapping activity hugely benefits from the automatic processing of customer feedback by the many TomTom navigation system users, but also from automatic processing of vehicle probe data. By efficiently involving customers on a large scale to improve the quality of the maps even better applications and services will result, starting from 2008. This year definitely will be milestone in digital mapping!