The Role of the Accuracy of Routing in Connection with Sustainable Transport

Adrian HORVATH¹ and Peter FÖLDESI¹

¹ Istvan Szechenyi University/Department of Logistics and Forwarding, Győr, Hungary

Abstract—The accurate routing is the base for an efficient and executable delivery system. One of the most important components of routing is the map. The databases of vehicle tracking help to refine the map of routing. A database about possible travel speeds depending on the time of day allows more accurate real life scheduling. The basis of this database is the mapping system and statistical methods. This article presents the process of routing; analyzes both sides of the problem and the feasibility and theoretical developing of map database. And finally the article analyses the differences between a routing with basic and a refined map.

Key words-delivery, distribution, logistic, map, routing.

AUTHORS

Peter Földesi, PhD, is Head of Department Logistics and Forwarding, Istvan Szechenyi University (e-mail: foldesi@sze.hu).

Adrian Horvath is with the Department Logistics and Forwarding, Istvan Szechenyi University (e-mail: hadrian@sze.hu).

Published as submitted by the authors.