Editors: N. Mastorakis, V. Mladenov, Z. Bojkovic

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Plenary Lecture 1

Service Quality Management of Multipath Access Solutions Dedicated for Transport Telematics Solutions

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Abstract: Seamless wireless telecommunications data access solutions applied in Intelligent Transportation Systems are required to be provided on selectable level of well defined service quality. Even though selection of private solutions can guarantee reasonable service quality levels, such solutions usually can cover the only limited areas. Publically available mobile wireless data services can typically offer acceptable service coverage, as well as competitive pricing, however, public providers' portfolios mostly do not include services with guarantee of any data services quality level. Authors describe mobile solution reaching reasonable quality level which is based on the dynamical seamless selection of the best possible service from the set of just accessible wireless alternatives .In contrary to publically already presented ISO TC204, WG16.1 standards based on L2 switching and Policy-based Management (PBM) authors propose alternative approach where "intelligent" routing on L3 is applied. Routing process must be consistently managed by the adaptive classifications and decision algorithms.