

The Proposal of the Information Combination Network for Train Operation

Kazuki NAKAMURA Kunihiro KAWASAKI
Keiichi TAKEUCHI Satoko RYUO

The informations of different area in the railway system are not sufficiently shared among each other. Therefore, we propose to realize a safer and more flexible transportation service by sharing the informations relevant to railway operation with the use of ICT. In this paper, firstly the results of the survey of the current information flows in the railway system are presented. After that, the efforts to realize the combination network for sharing the various information related to the railway operation, including the concept of new communication protocols for railway operations and study of the cyber security are presented.