

Integrated Railway Facility Management System with Uniform Location on a Kilometerage Basis

Takafumi YOSHIDA Hirofumi TANAKA Masahito NISHIMOTO Masashi MIWA

For facility management railway companies manage ledger data and inspection data every field separately, such as track, civil engineering, electricity, and signal. We are working on development of a centralized management system, hoping that if we can integrate these data, we can improve the quality of facility management. In this paper, we show the elemental technologies required for development of the centralized management system and their development status, after organizing the merits of centralized data management. In addition, we show some examples of using the centralized management system for facility management across fields.