

Development of an Internet-Based Mobile Equipment Management System

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ABSTRACT

Positioning technology such as Global Positioning System (GPS) has been integrated with different types of information systems as a core data source for recent years. Especially, GPS and data management system integration technology has been widely used and has shown its capabilities as a powerful tool in information industry area. Also, mobile telecommunication technology is changing not only people's daily lives but also the phase of information technology development. Wireless communication devices are no longer the special hi-tech scheme and the Internet and its services are available in small wireless devices nowadays. Internet-based Mobile Equipment Management System (IMEMS) is trying to overcome the existing problems of current Mobile Equipment Management System (MEMS) by using the benefits of Internet communication technology. To demonstrate the concepts, a prototype system has been developed and continuing research efforts are put into development towards operational system.

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