

Abstract: A RFID-based Clouding Inspection Service for Ship Management

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Abstract

Mobile services can help to increase the efficient use of time and to remove irrational processes in product management systems. Inspections must be carried out correctly, and a mobile system can make the inspection more accurate, reducing and removing redundant actions. To apply a mobile service in industry fields successfully, however the system must guarantee and validate that the information is proper or updated from the source system. This paper suggests the application of RFID and cloud technology to an inspection system and discusses strategies to maintain the consistency of the information.

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