

عنوان مقاله:

An UML Model for Enhanced Cross-Docking

محل انتشار:

دومین کنفرانس بین المللی فناوری اطلاعات و دانش (سال: 1384)

تعداد صفحات اصل مقاله: 9

نویسندگان:

Neda Abdolvand - Master Degree Student in IT Engineering

Nasrollah Moghadam Charkari - Assistant Professor, Tarbiat Modares University

Mohammad Mehdi Sepehri - Assoc Professor, Tarbiat Modares University

خلاصه مقاله:

Supply chains managers faces to new opportunities in automatic identification. Through the use of the new technology, based on radio frequency identification (RFID), which is called the Electronic Product Code (EPC) technology. In order to propose these new opportunities and enhancements, the authors have investigated the implications of EPC technology in cross-docking, which is a replenishment strategy. Using a unified modeling language, this study explores how the EPC technology can further improve the efficiency of cross-docking. In addition, the study demonstrates that the EPC technology has the potential to improve the balance of the distribution of costs, benefits, and risks of cross-docking operation among supply chain participants.

کلمات کلیدی:

Cross-docking - Replenishment - Supply Chain - Electronic Product Code

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/44040>

