

RFID-Technology in Material Flow Control and Order Picking
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Abstract

The main topic of the Fraunhofer Alliance research project VitOL – Vernetzte intelligente Objekte in der Logistik (networked intelligent logistic objects) – is the development of a technological platform for the realization of wireless sensor network (WSN) based logistic information and control systems. In this research project technical feasibility and integration of sensor networks into existing IT-settings are demonstrated with exemplary scenarios. Furthermore RFIDtechnology and sensor nodes are to be integrated. A realization of a WSN-based material flow control making use of RFID-integration was established at Fraunhofer IML.