

## **Stepping from RFID to Autonomous Cooperating Logistic Processes**

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### **Abstract**

The structural und dynamic complexity in logistics and production has increased steadily during the last years [1]. Main causes for higher structural complexity are the shift from supply chains to logistic networks and an increased number of product variants. Dynamic customer behavior intensifies this situation [2].

Centralized systems and structures do not provide the necessary flexibility, adaptability and scalability. A solution to this dilemma is the decentralized storage of necessary information on the logistic object itself as well as the capability of local decision-making.