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Department of Applied Mathematics



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## Simple Queuing Theory Model for Assessment of Picking and Sorting Scenarios

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### Abstract

Safilo introduced mass-sorting in order to improve sorting and packing of the orders in the distribution center. New sorter and mass-picking operations developed for it brought improvements. The goal of this analysis is to find the places for possible improvements within the current operations and to point out possible bottlenecks in case of change of number of orders. Results of simple queuing models applied for assessment of picking and sorting scenarios will be presented.

**Friday, 19 November 2010, 12:00**

**Conference room**