Processing time forecast shipping
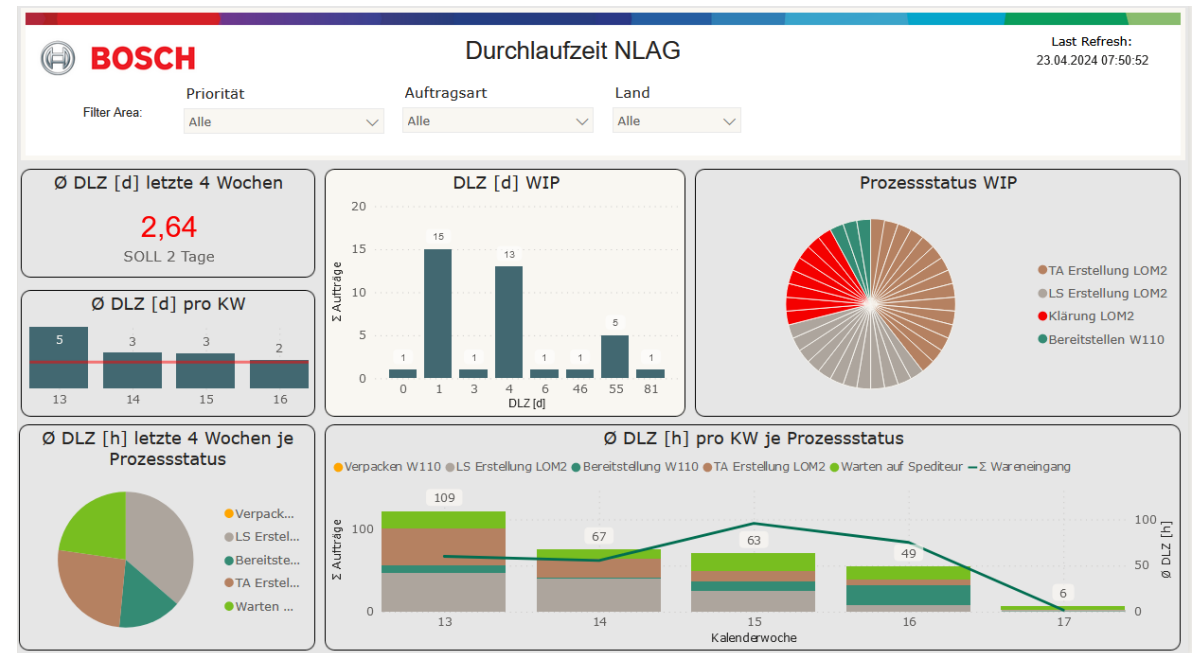
Willi Gisbrecht, LOM2, 23.04.2024

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Processing time forecast shipping
Overview

- Data is generated when NLAG (non-stock) goods are shipped
  - SAP
  - ShipIT (Low Code Plattform)

- Approx. 500 shipments per month

- Dashboard of the current processing time

Processing time forecast shipping
Data

- Oracle Database
  - time stamp of the processing steps
  - recipient data
  - packing data
  - etc.

- Provision of data via excel

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Processing time forecast shipping
Task

1. Perform a basic data analysis for trends, patterns, etc.

2. Develop one or more algorithms to create a prediction of the processing time of an (non-stock) shipment

3. Create a simulated live dashboard that visualizes the processing time of dispatches (as if they were recorded live) including:

     - A representation of the processing time per dispatch order

     - A representation of the average processing time per week

     - Indicator of whether the processing time of 2 days can be met

     - Whatever you find useful for process monitoring

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Processing time forecast shipping
Dashboard example