

IMPLEMENTING NEW TECHNOLOGY ON THE SHOP FLOOR



ŠKODA
SIMPLY CLEVER



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Transforming the plant Vrchlabí



from the millimeter (mm)



to the micrometer (μm)



Customers



New plant



Many projects



Challenge: handling of heavy parts



Automated guided vehicles - AGVs



Handling – AGV with shooter



Next step – handling robot



Mechatronics unit



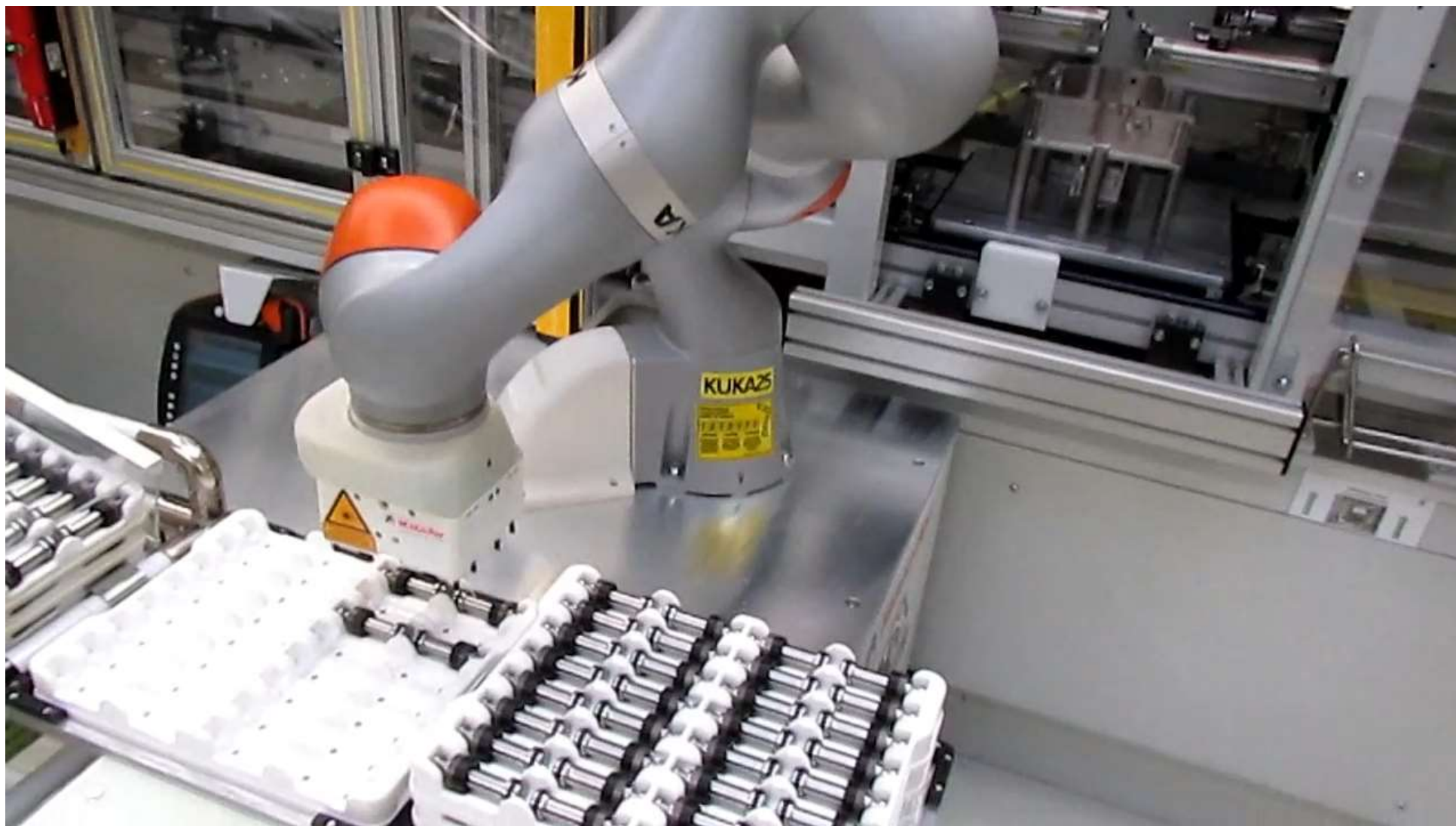
Mechatronics assembly – room for improvement



Implementing first cobot



Cobot in action



Lot of parts – lot of data



Which parts do we need for 2.200 transmissions per day?



Transparent factory – first step

before



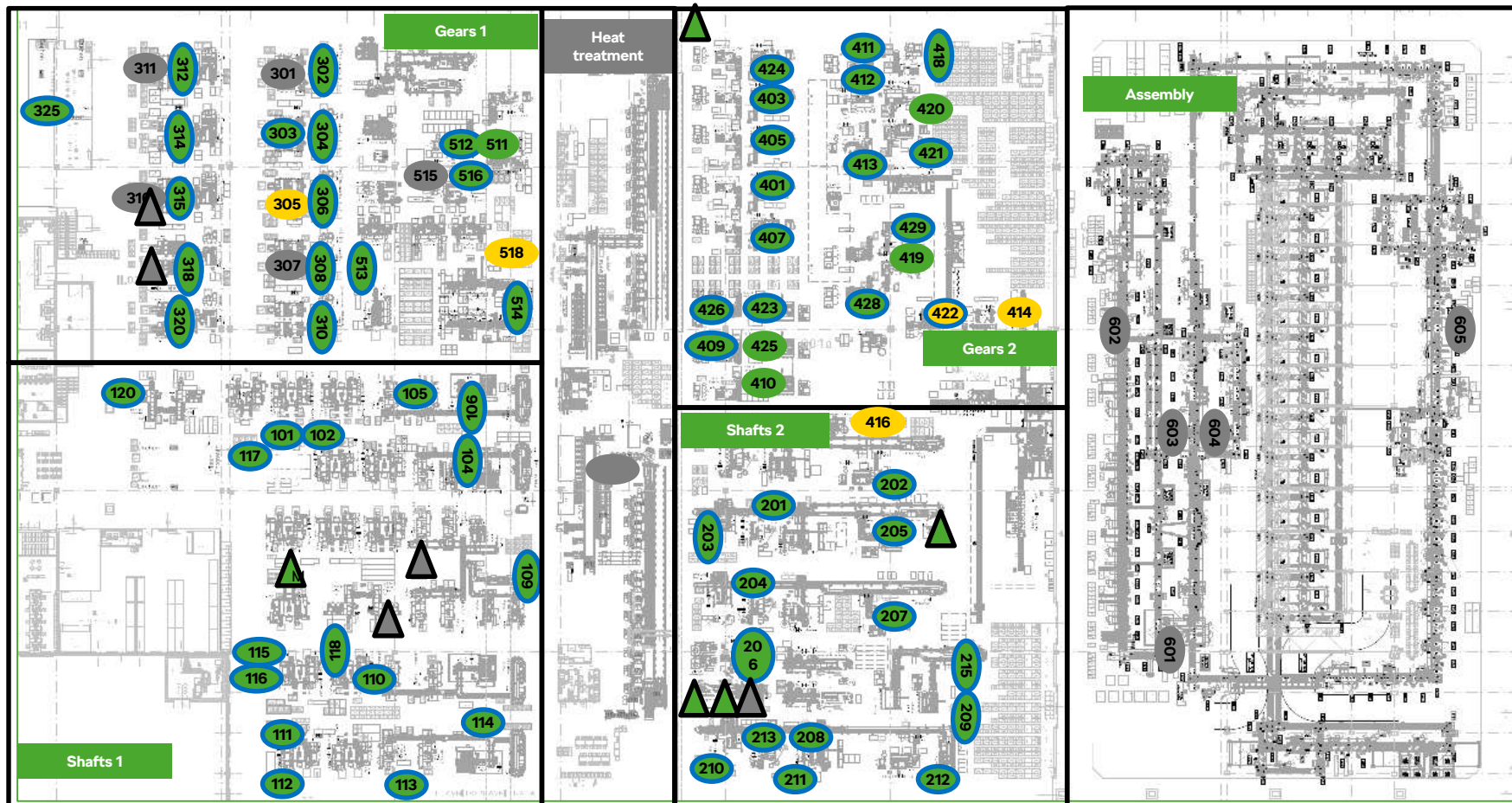
- Manual data entry
- Lot of paper
- Waiting for the results

after



- Instant feedback
- Less data entry errors
- Traceability

Transparent factory – decentralized data gathering



Goal:
100 points

Shop floor management - digitalization



Training in digitalization



THANK YOU



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