



The BEST Run Hackathon

27th – 28th October 2018

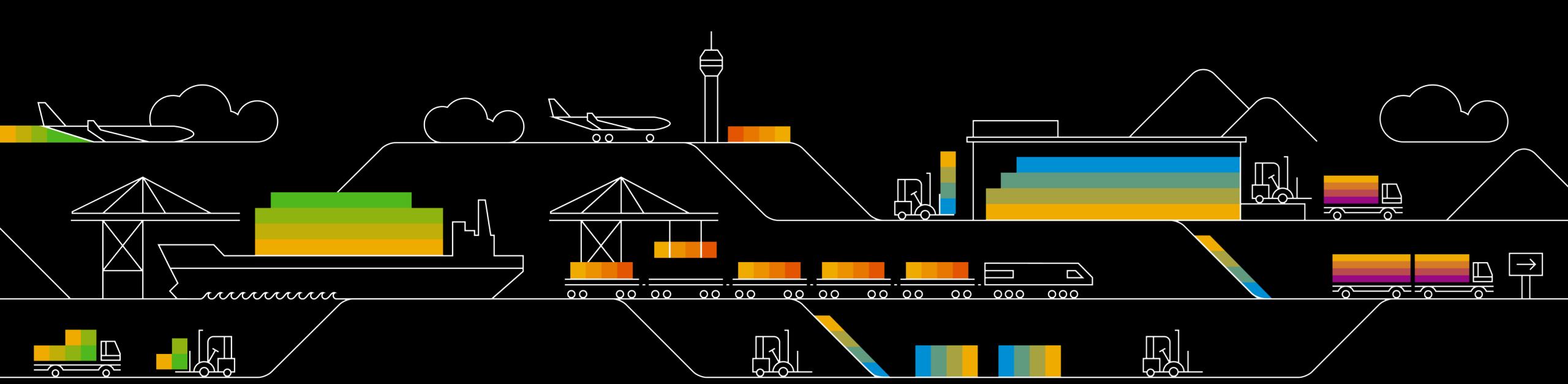
Radu Purdel

Development Architect &
Senior Data Scientist

Bucharest, Romania



THE BEST RUN 



Your challenge for today :
#NEXTGEN SMART WAREHOUSE



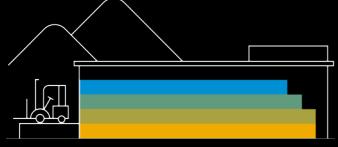
THE BEST RUN 





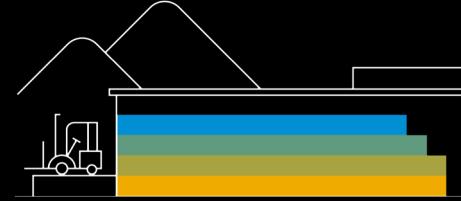


Storage Area A



To the customer
(retail)

Storage Area B



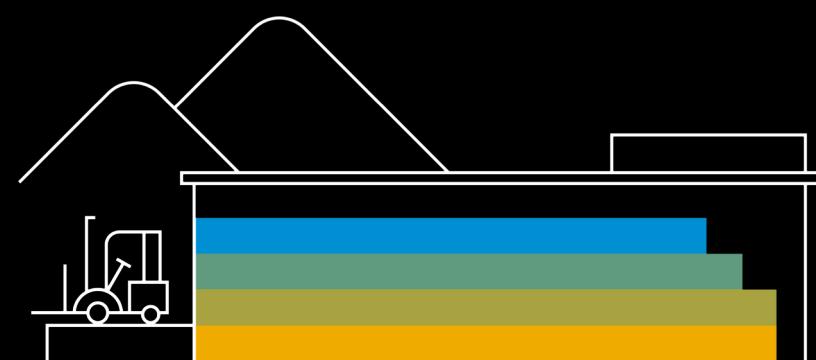
To the customer
(whole sale)



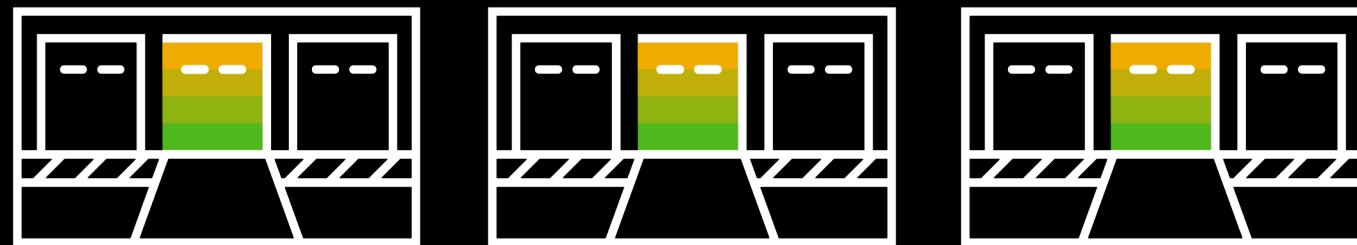
Storage Area C



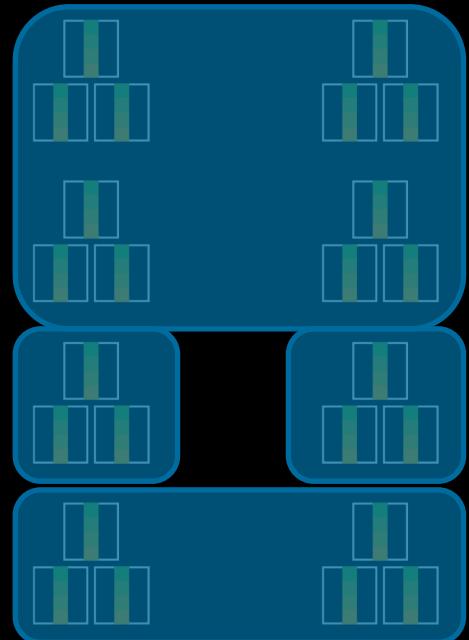
Storage Area D



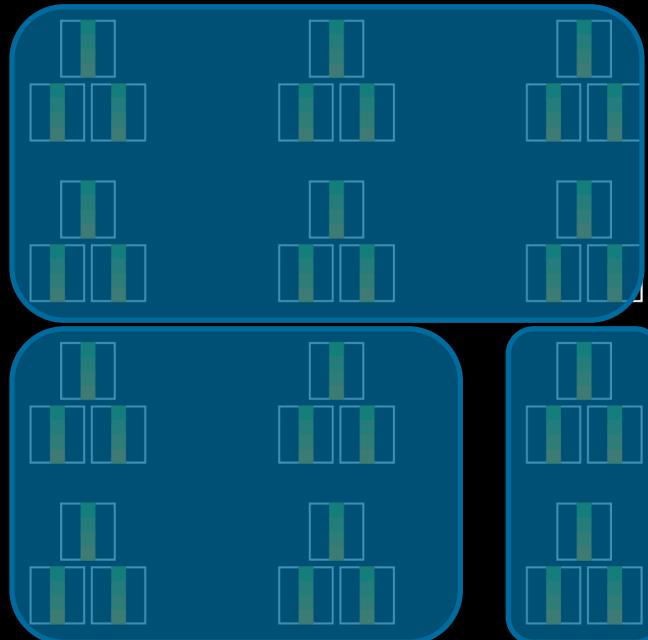
Storage Area A



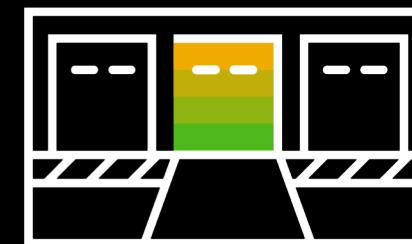
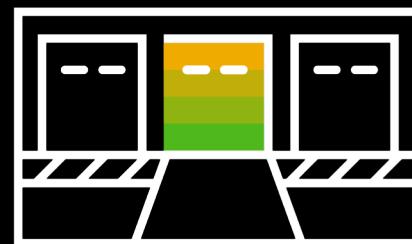
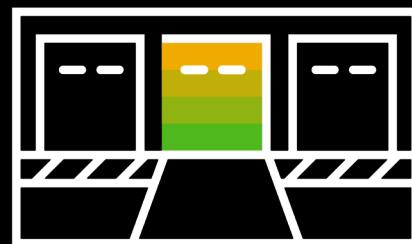
Storage Area B



Storage Area C



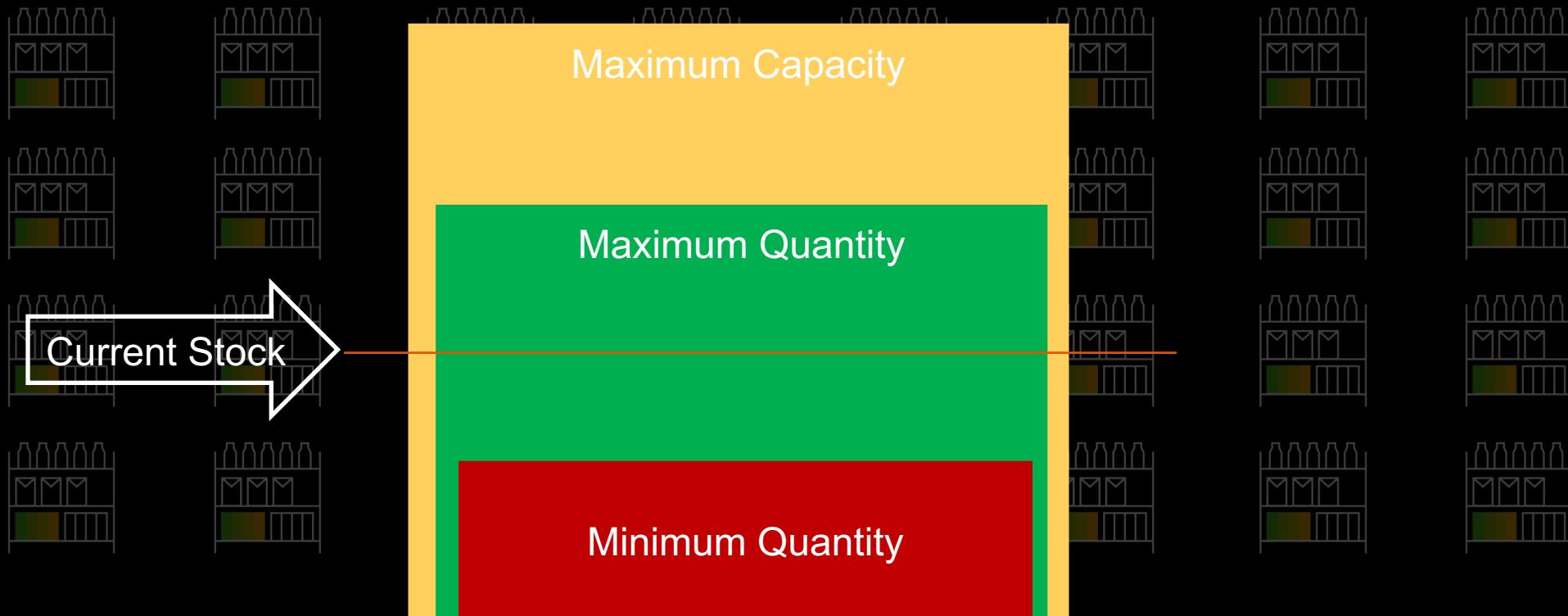
Storage Area D



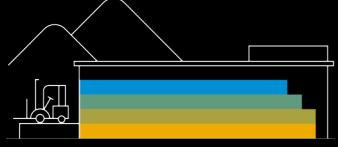
Storage Unit A0001



Storage Unit A0001

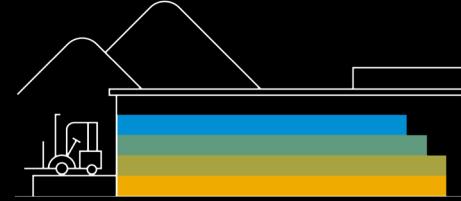


Storage Area A



To the customer
(retail)

Storage Area B



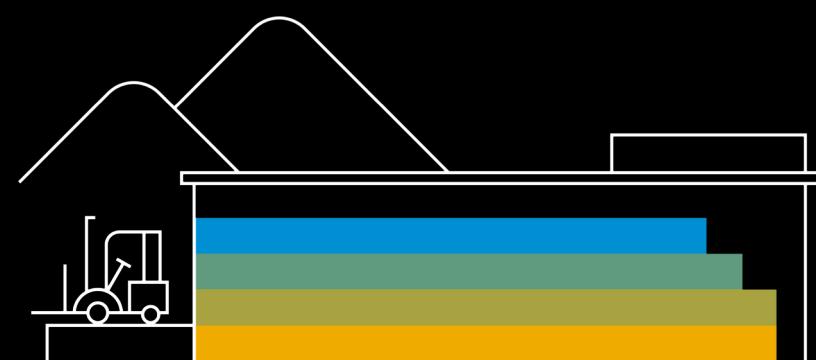
To the customer
(whole sale)

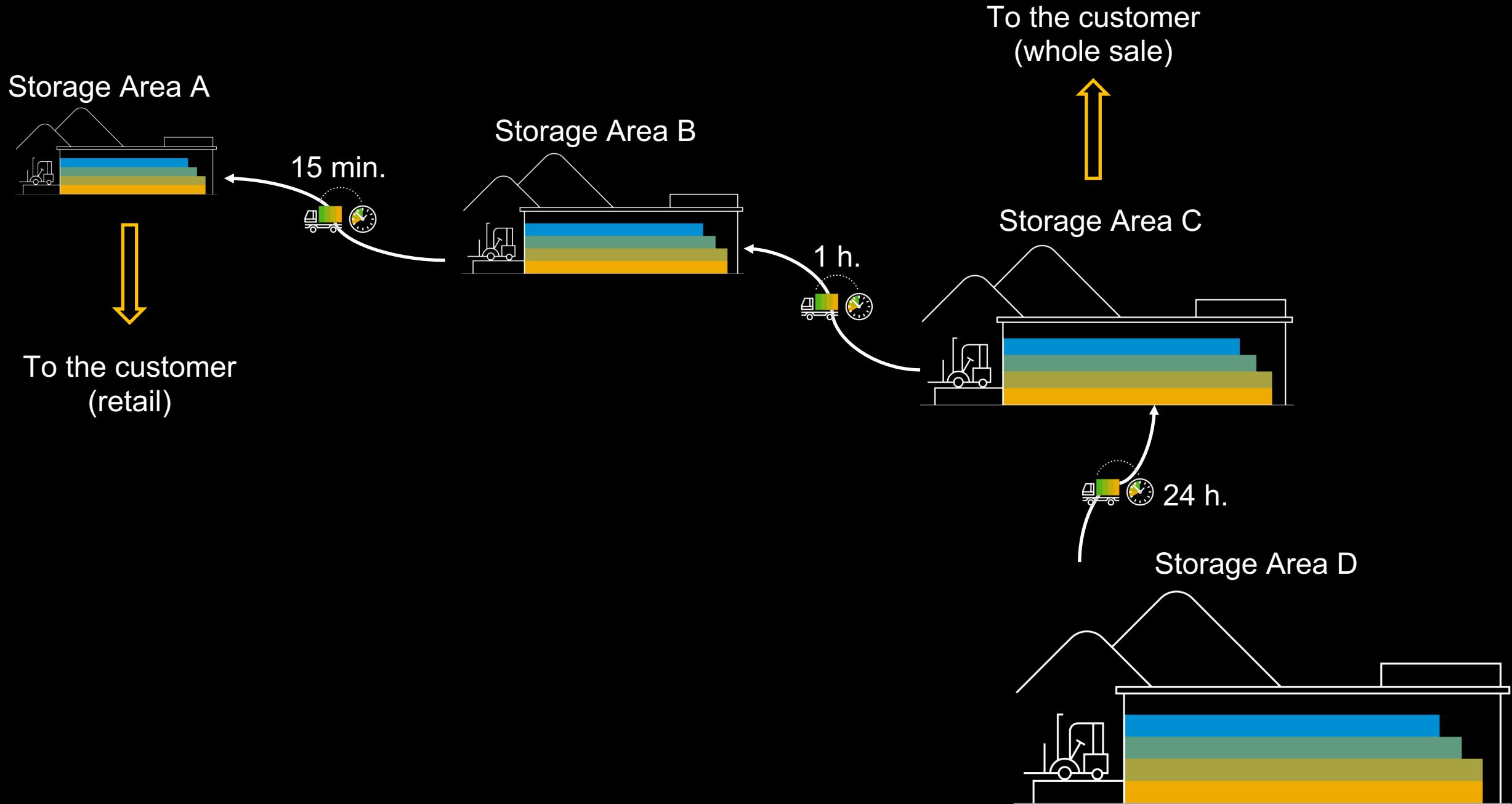


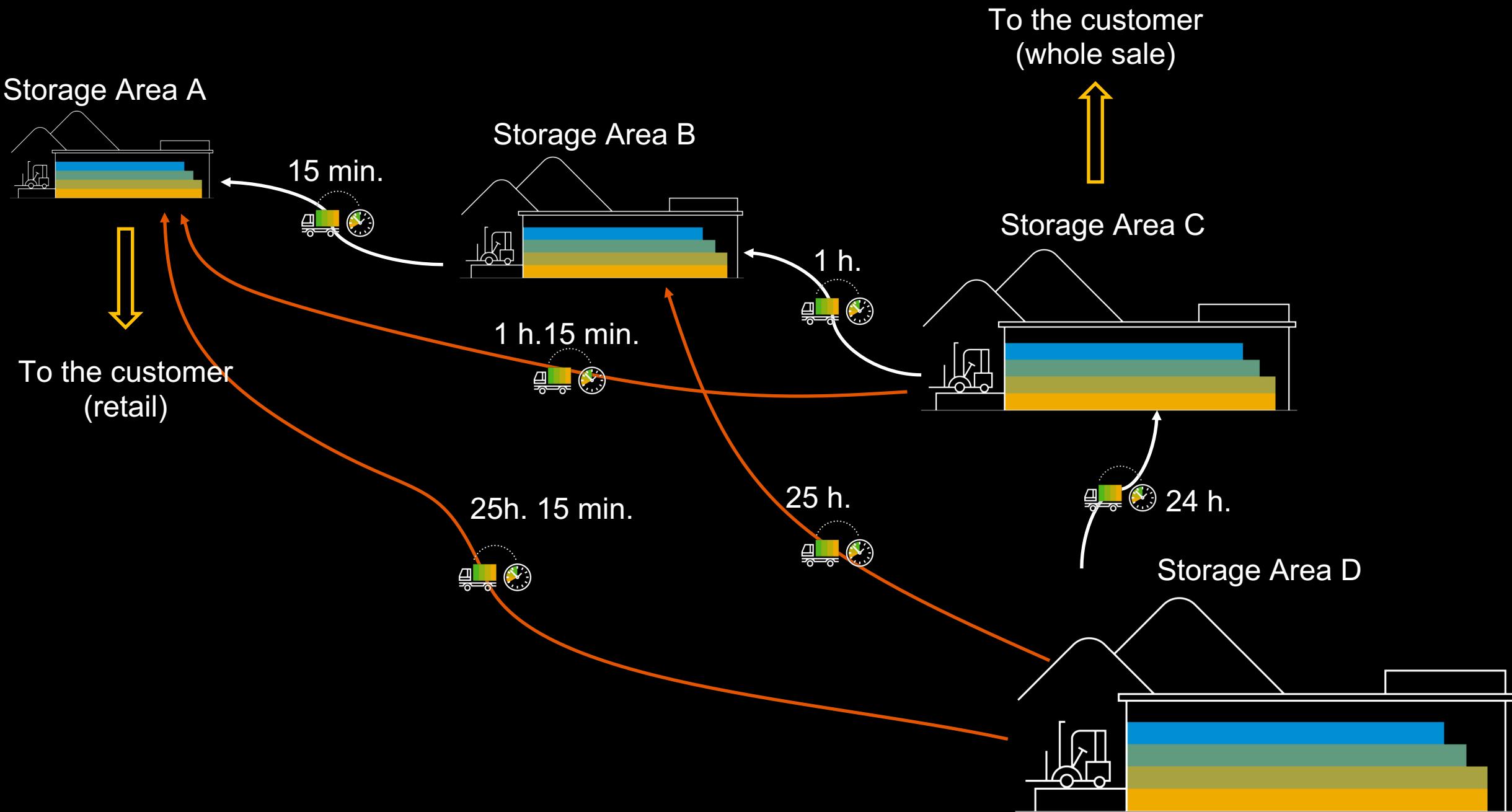
Storage Area C



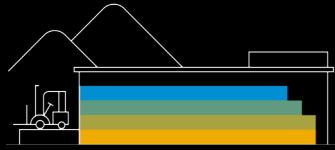
Storage Area D



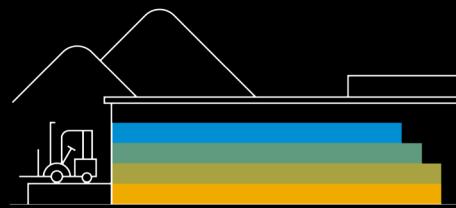




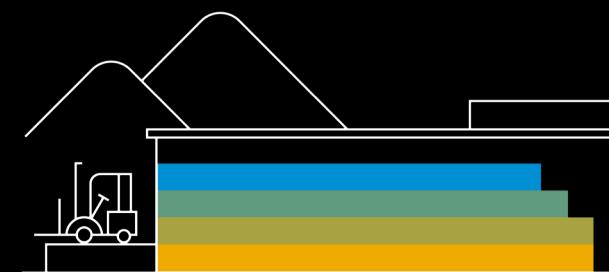
Storage Area A



Storage Area B



Storage Area C



Storage Area D





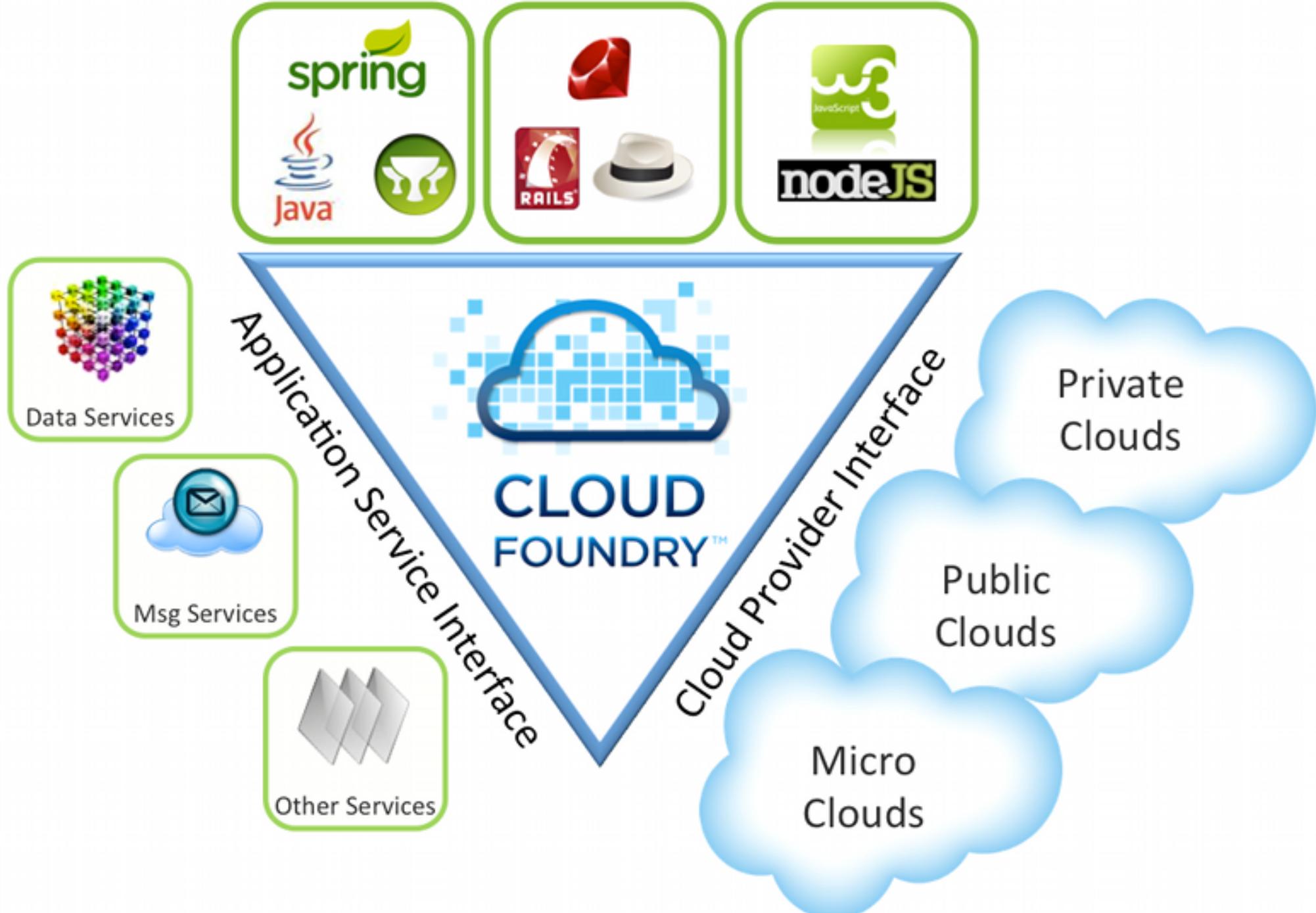
Technical stuff



Any programming language

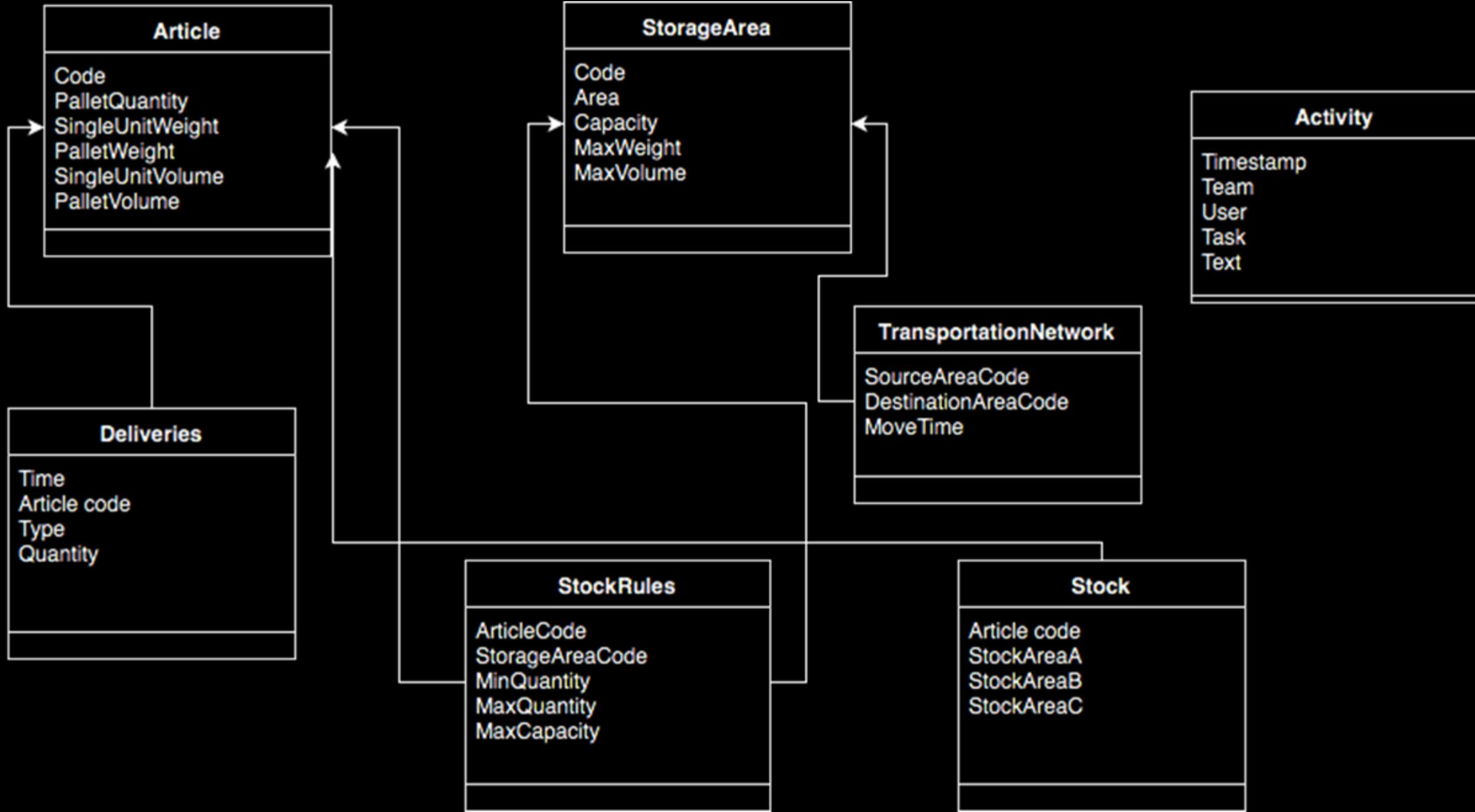
Any technology

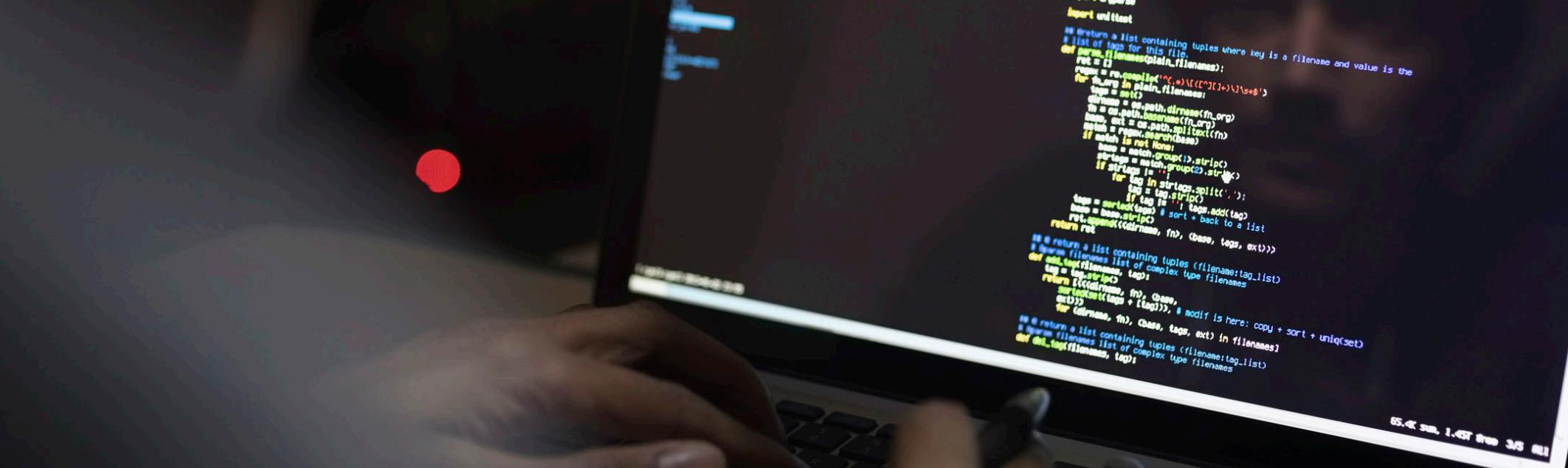
Bonus - Deploy to CloudFoundry



Support Infrastructure







Requirements



You are required to:

visualize your own smart warehouse

manage deliveries and stocks

observe the evolution of business key figures

optimize storage and products availability

enjoy yourselves

Tasks

1. Get data from the API
2. Visualize of warehouse content
3. Simulate the warehouse operations
4. Calculate KPIs
5. Analytics and visualization
6. Forecast of deliveries
7. Labeling
8. Optimize Product availability

Presentation & Pitch

1. Implemented tasks
2. Technologies used for implementation
3. Solution architecture
4. DEMO

Q&A

