

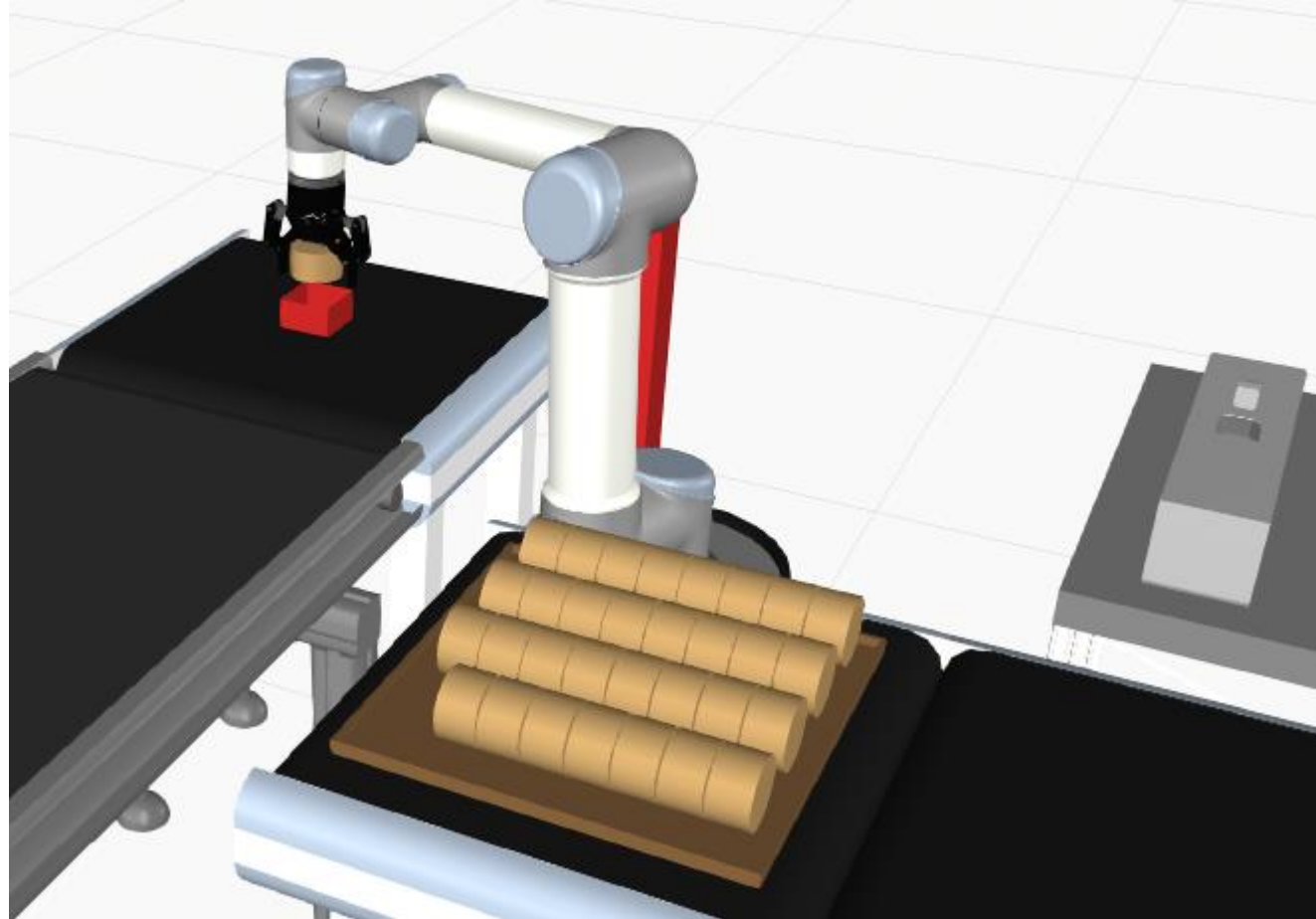
Digital Twins in Smart Manufacturing – Training Day 2

Agenda

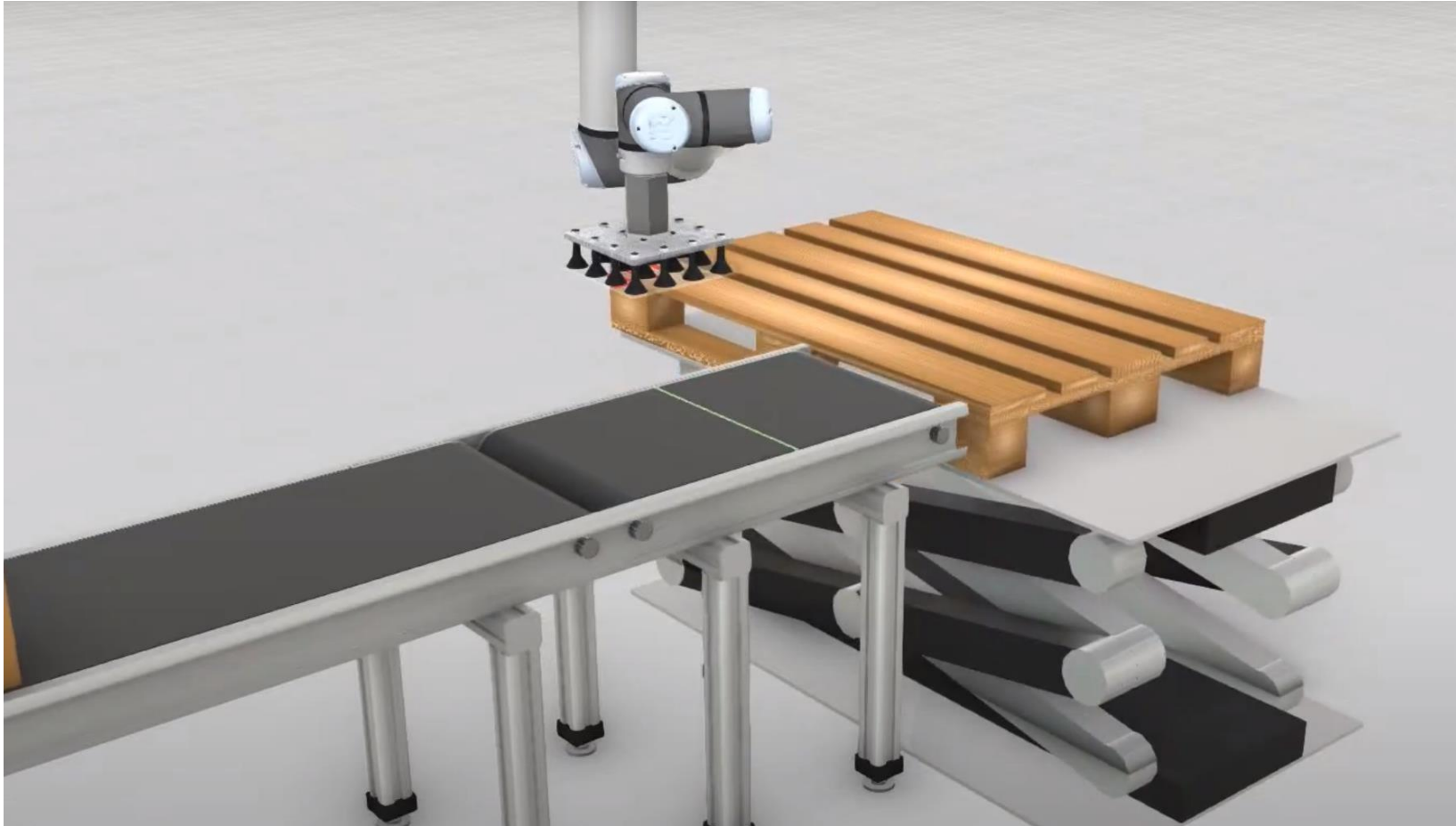
- Simulation cases (digital models, digital shadows, digital “twins”)
- Simulation software (if we have time)
- Assignment 2

Case examples

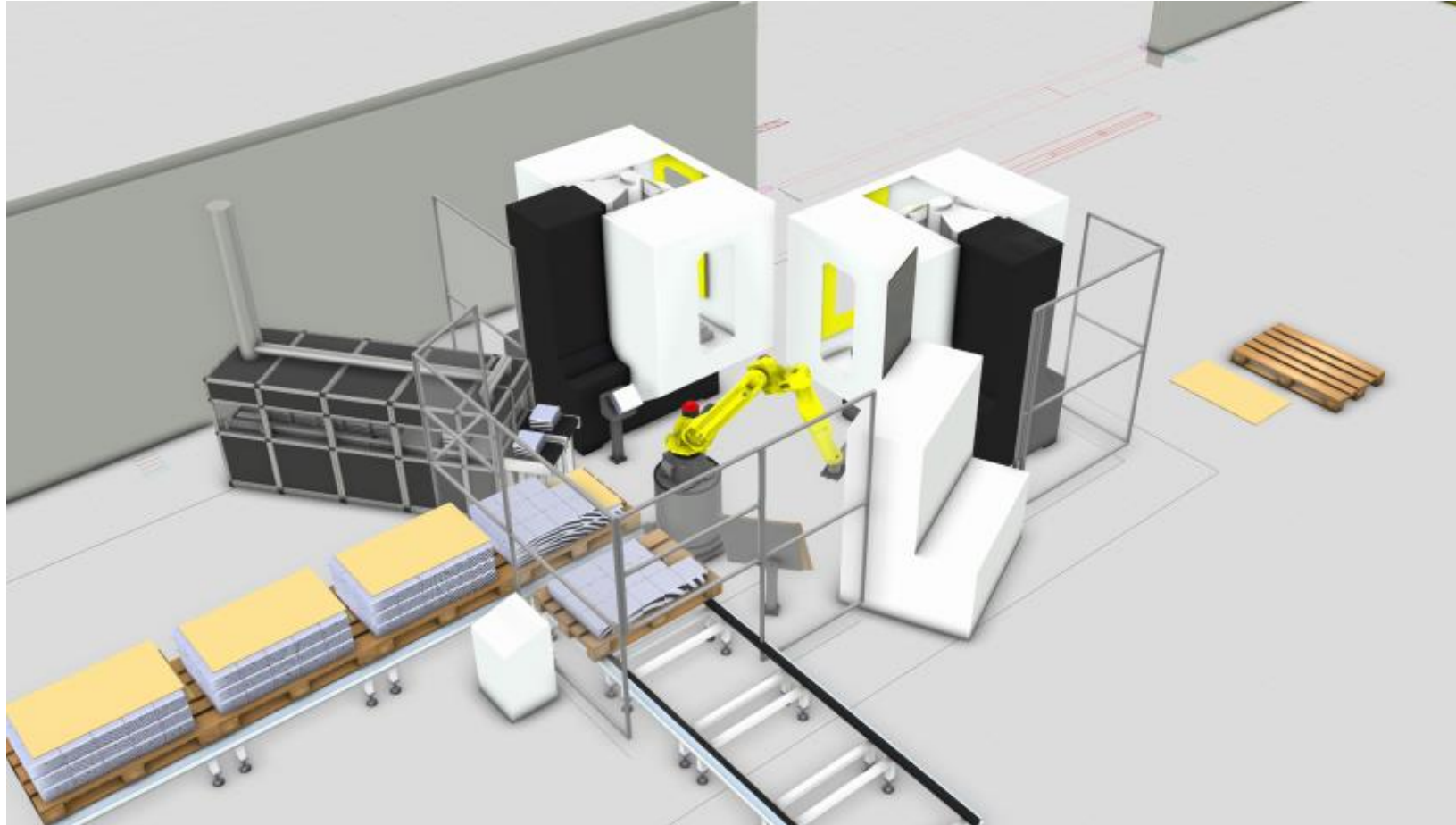
Case: Bakery



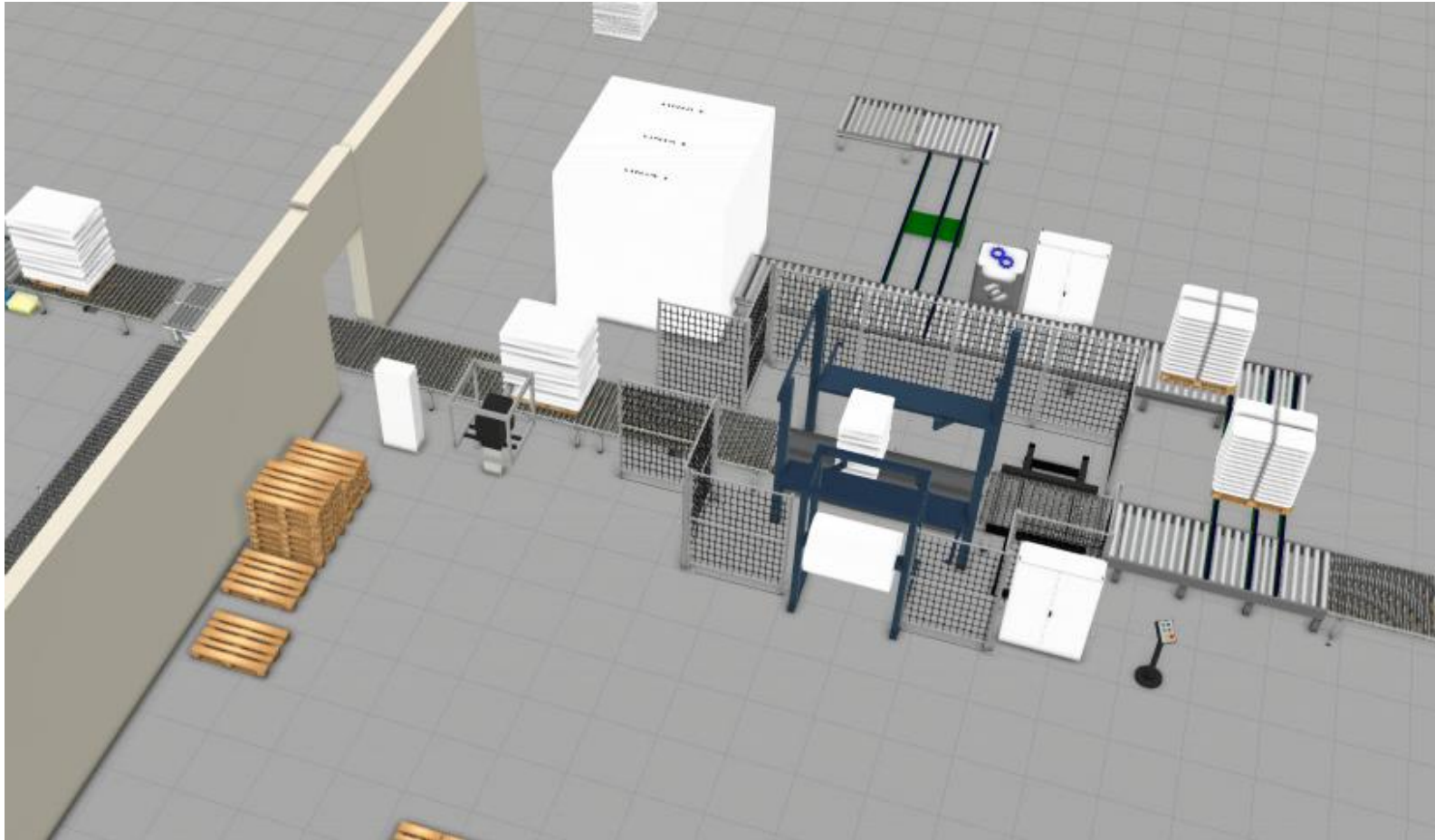
Case: Food packaging (bakery)



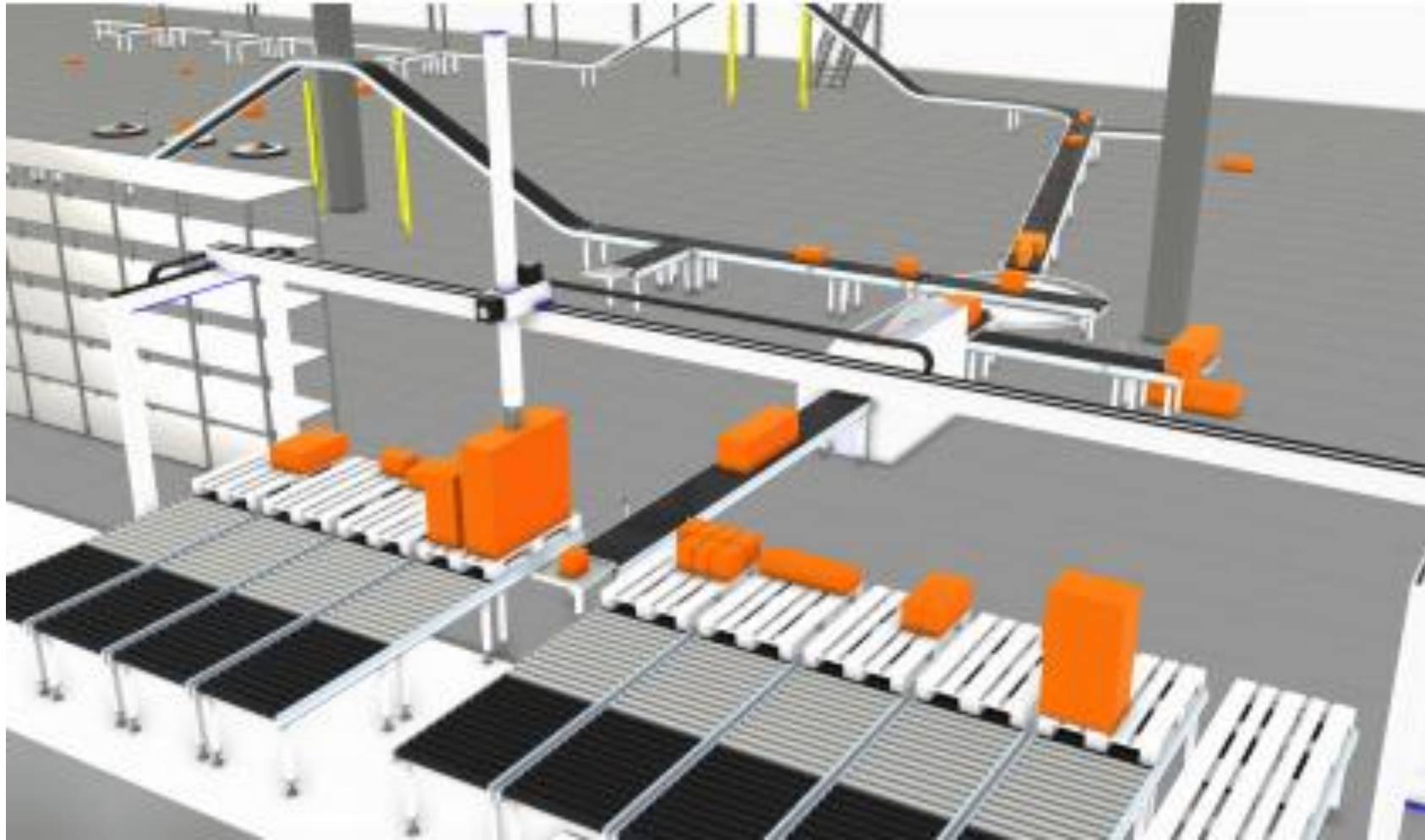
Case: New production line



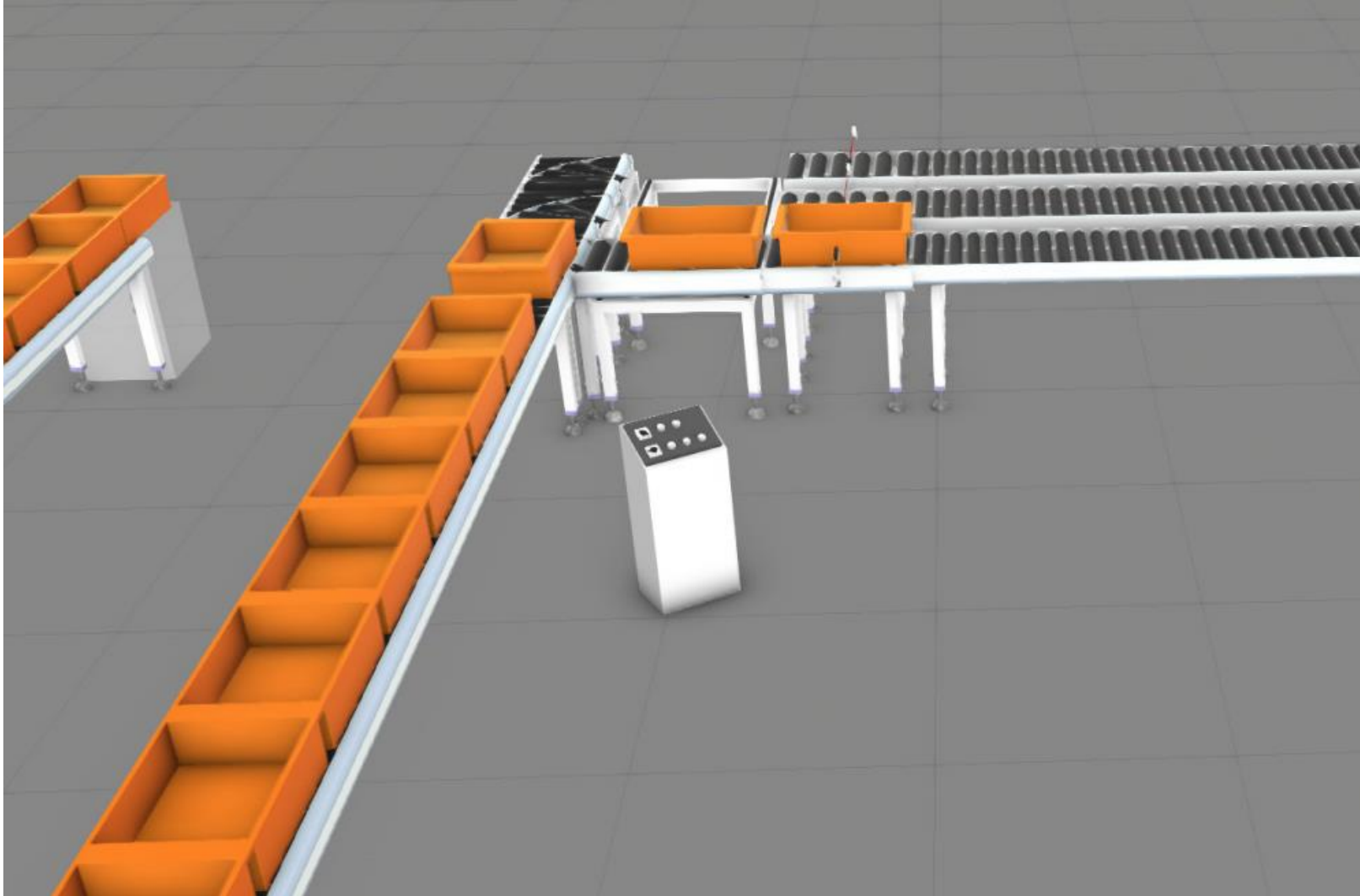
Case: Palletizing and wrapping



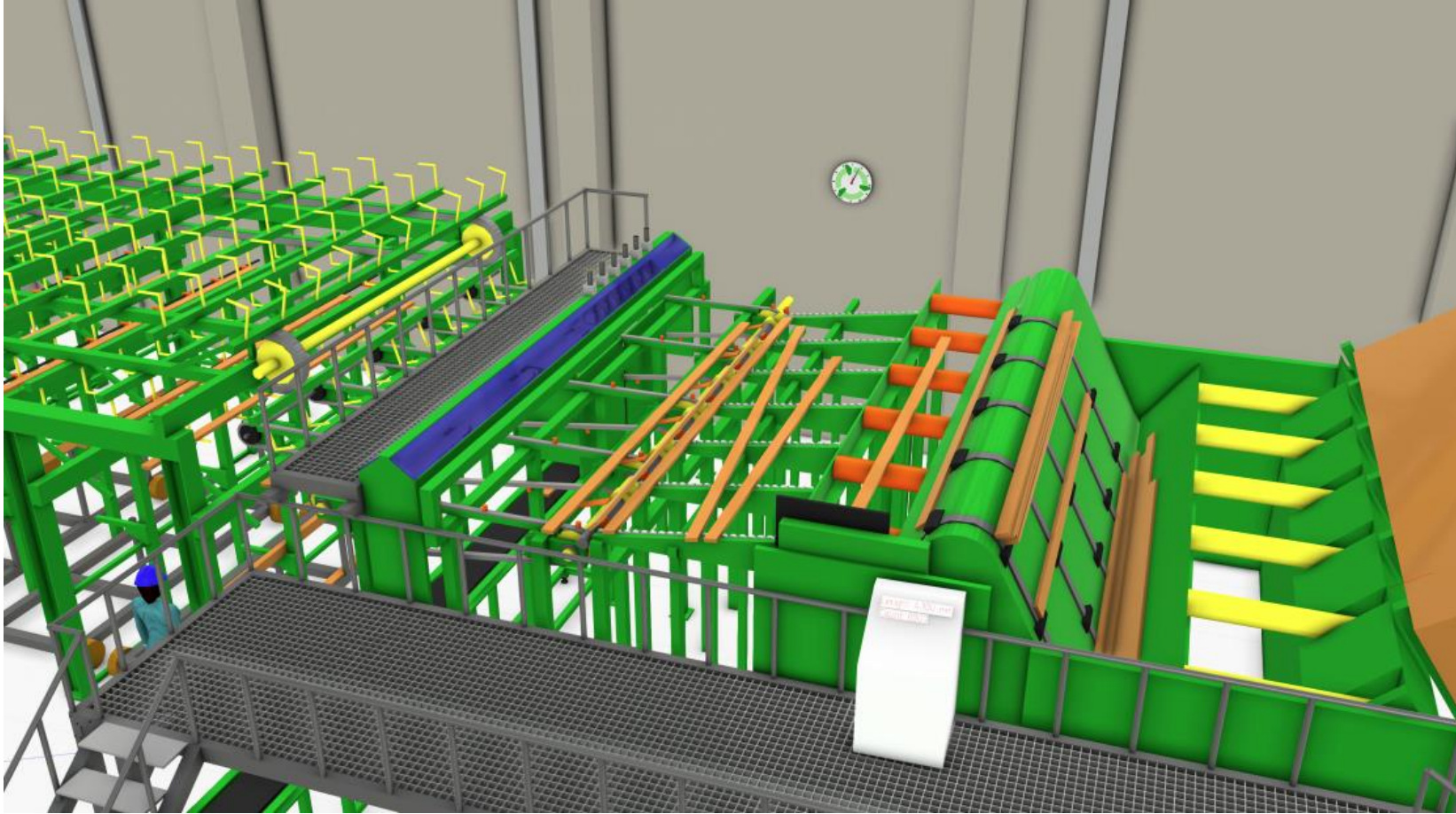
Case: Conveyors to the factory



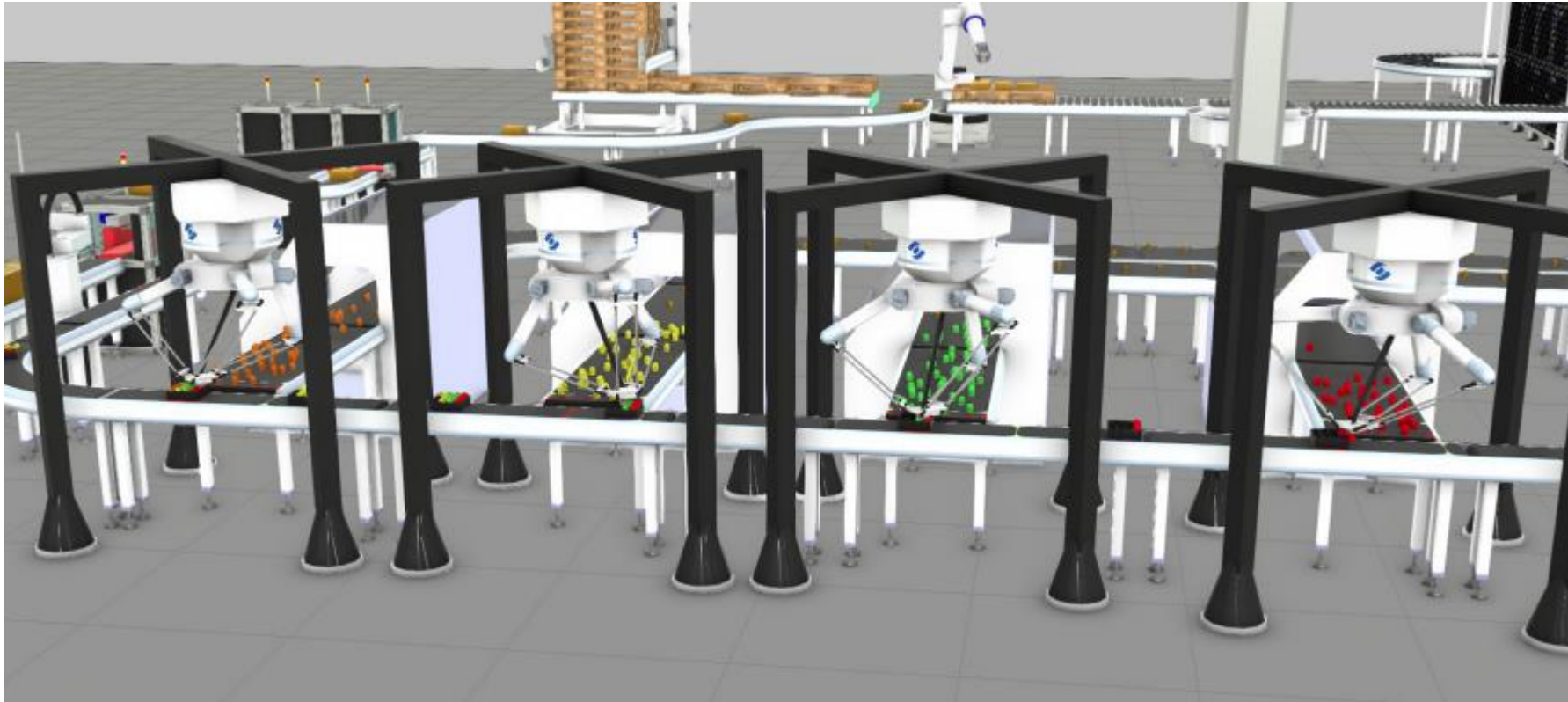
Case: Training environment



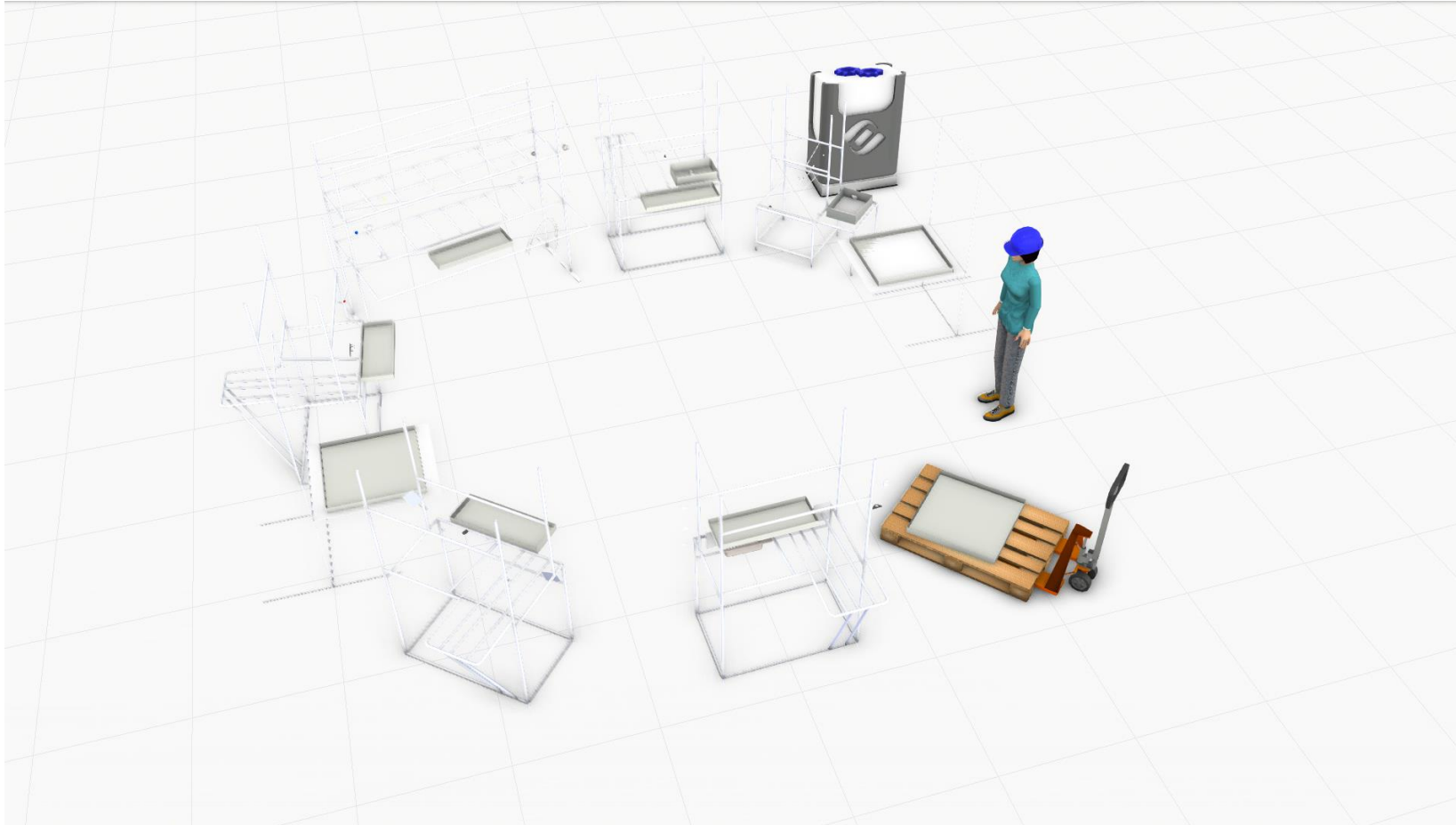
Case: Sawmill



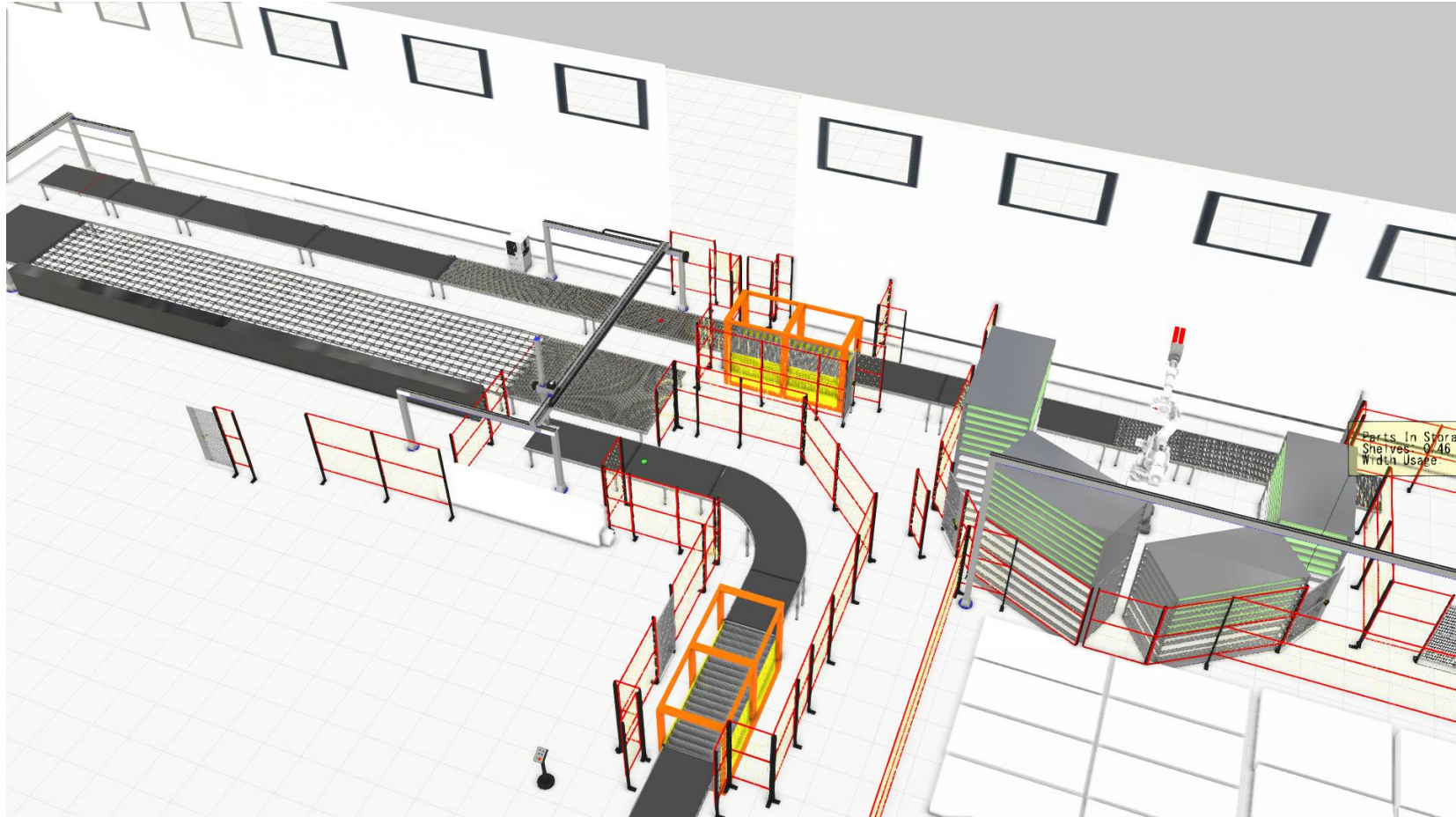
Case: Chocolate Kiss line



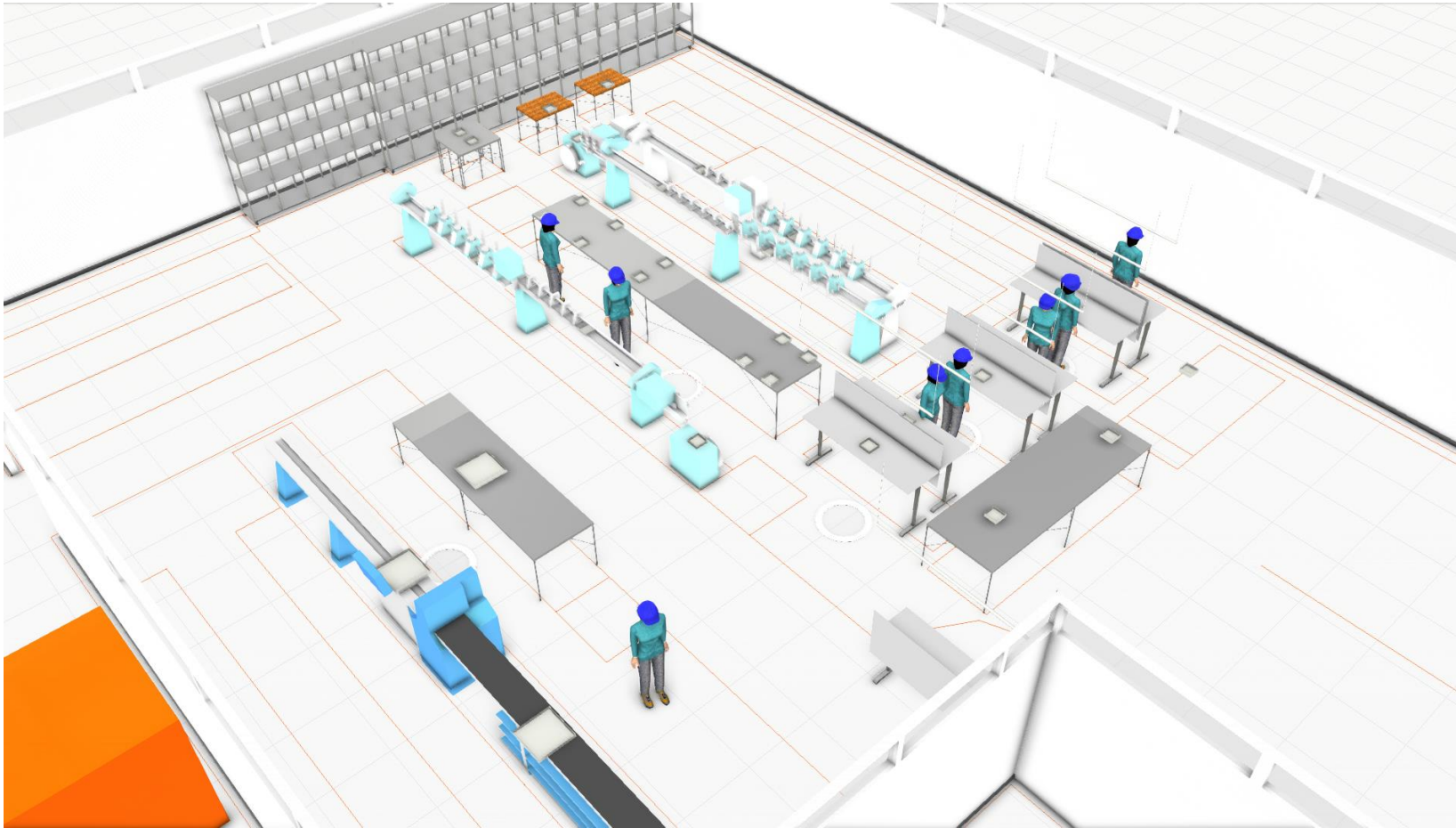
Case: Assembly Test



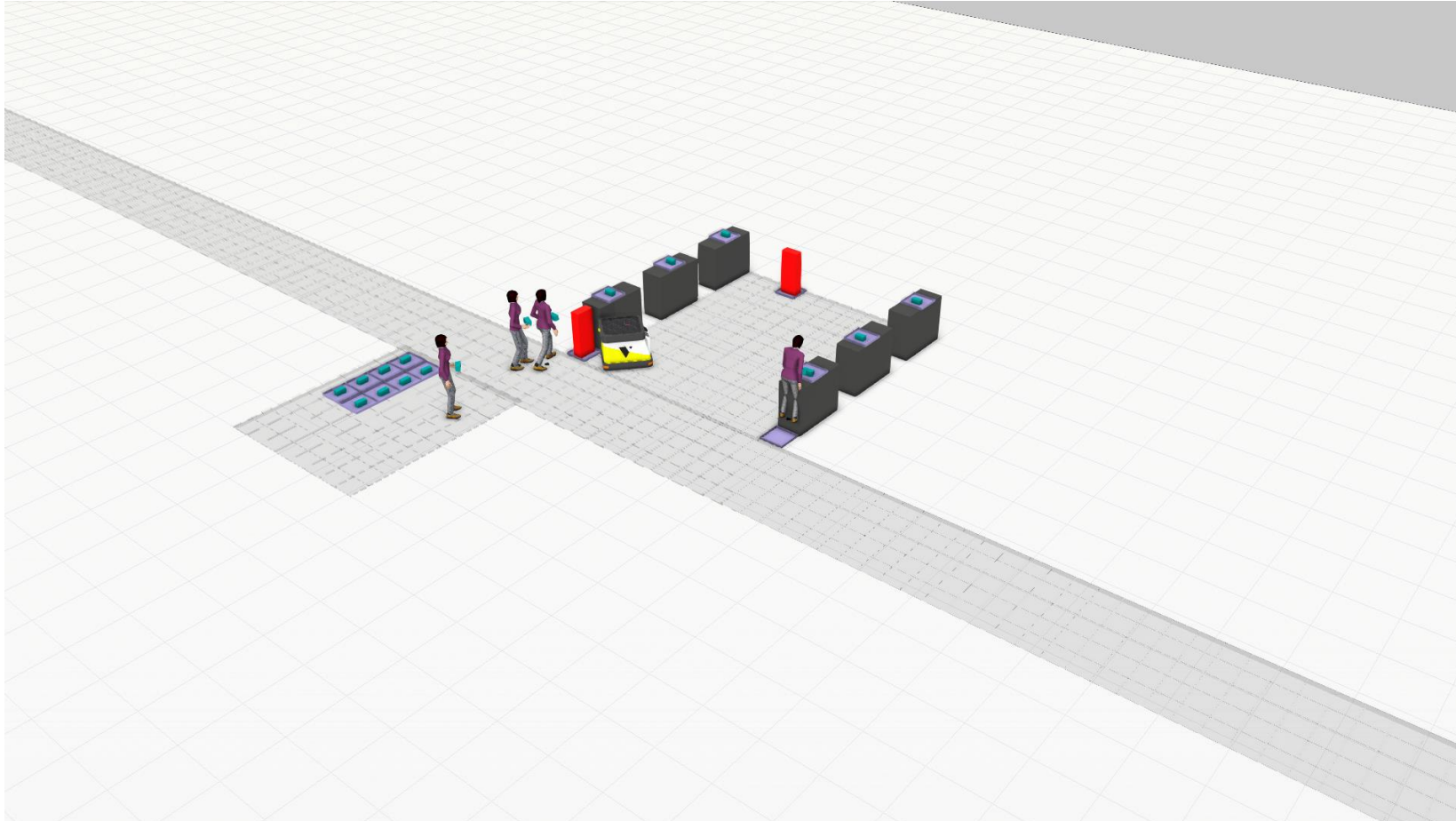
Case: Big Factory 2



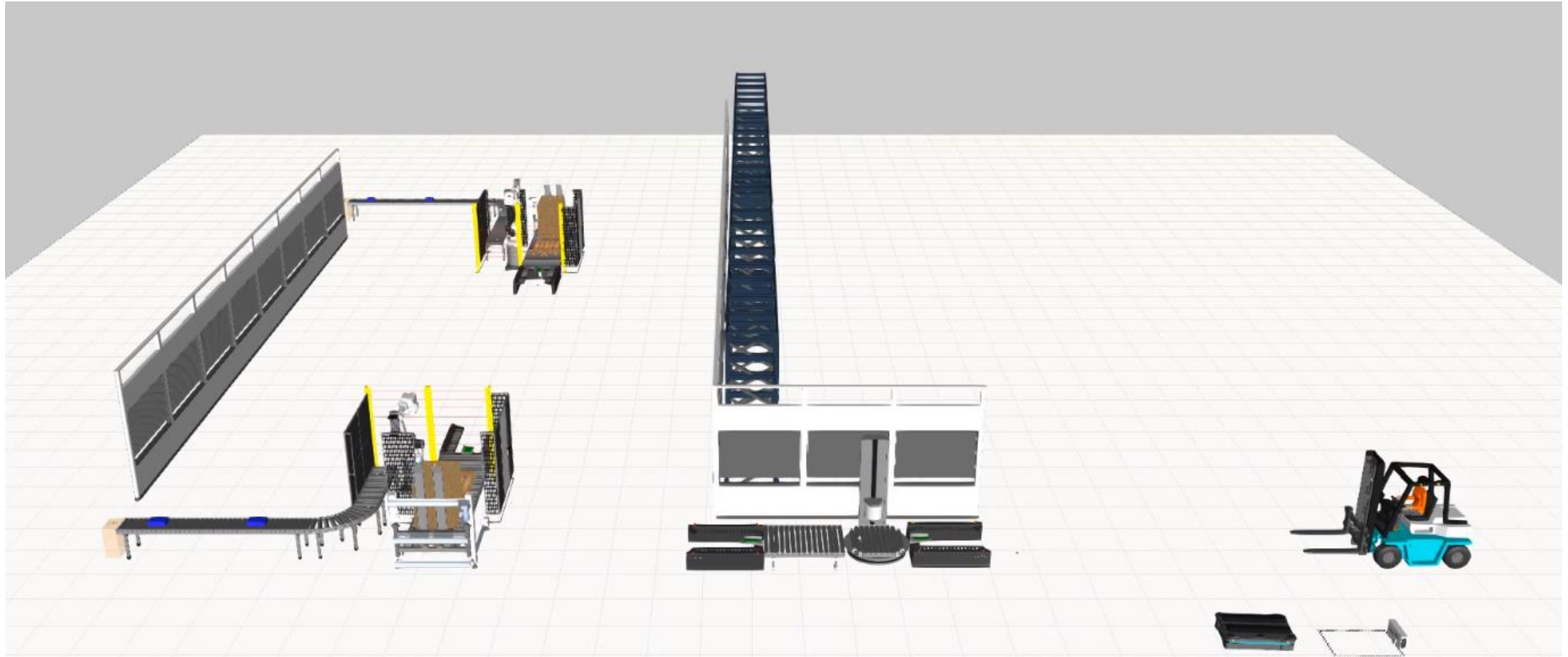
Case: Re-organizing work order



Case: Mobilerobot



Case: Robotized Palletizing



Summa summarum for a successful case

- Extensive starting information
- Clear plans for what is needed
- Communication is key
- Mutual agreement

Assignment 2

- Think about a situation where you would find a digital twin the most useful
- Explain it or showcase it in a few sentences

<https://padlet.com/joonasjohankortelainen/bpau1mvinpulanoh>

Link will be in the chat!

Thank you!

