



## Jungheinrich @ Cluster for Logistic Conference

### 360° Protection

Florian Mirring, 03.07.2024



**JUNGHEINRICH**

# Jungheinrich 360° Protection Agenda



**ZoneCONTROL**



**Camera with pedestrian detection**

# Jungheinrich 360° Protection zoneCONTROL

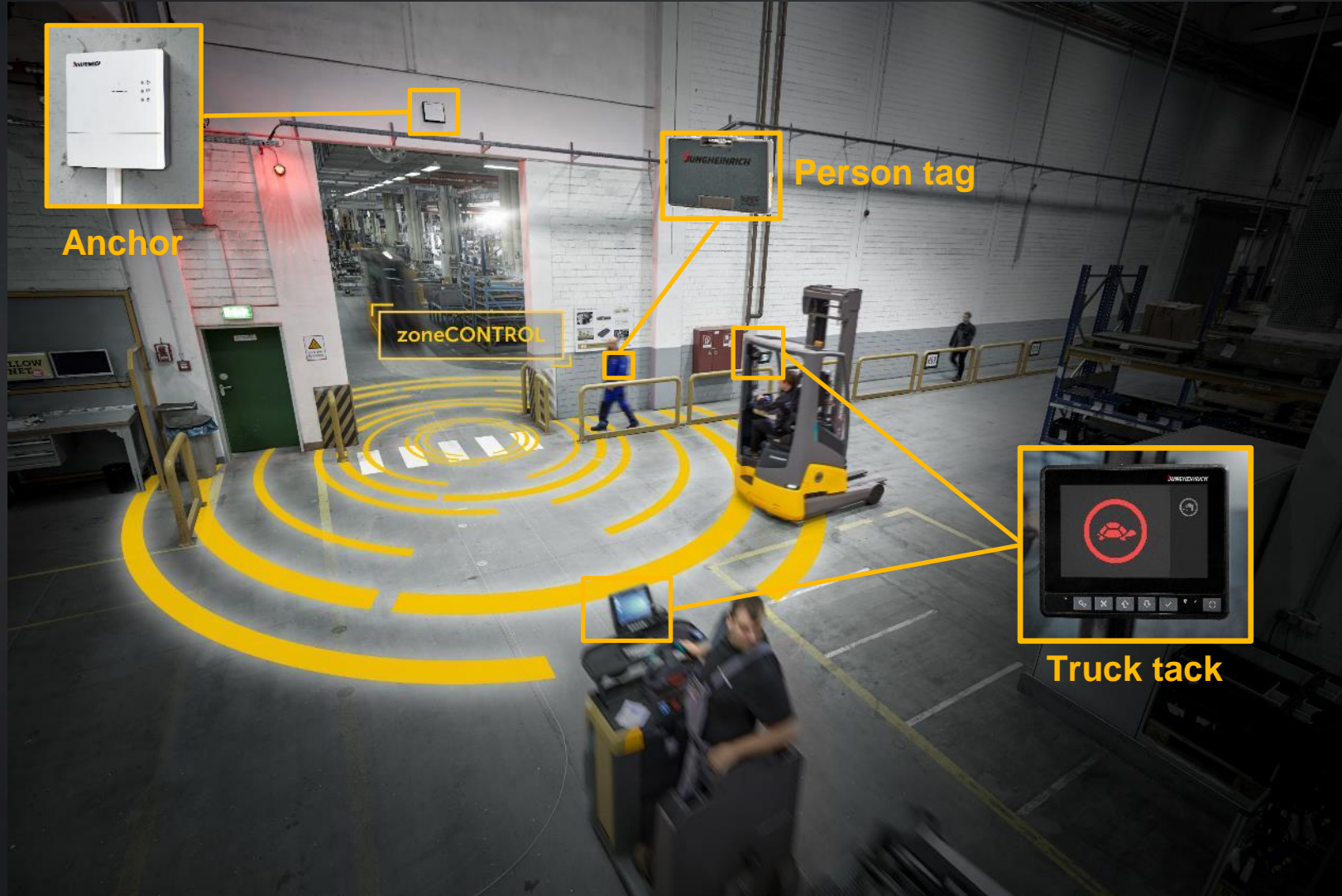


# Jungheinrich 360° Protection zoneCONTROL

- ▶ Selective monitoring system that can be customized to the needs of your warehouse
- ▶ Pre-determined areas in the warehouse are permanently monitored for vehicle and pedestrian traffic.
- ▶ If preset limit is violated in an area, measures are sent to the vehicles
  - ▶ Number of vehicles in a zone → Reduced driving speed
  - ▶ Mast extended at gate entrance → Crawl speed
- ▶ Standalone System
- ▶ Retrofitting to existing vehicles is possible

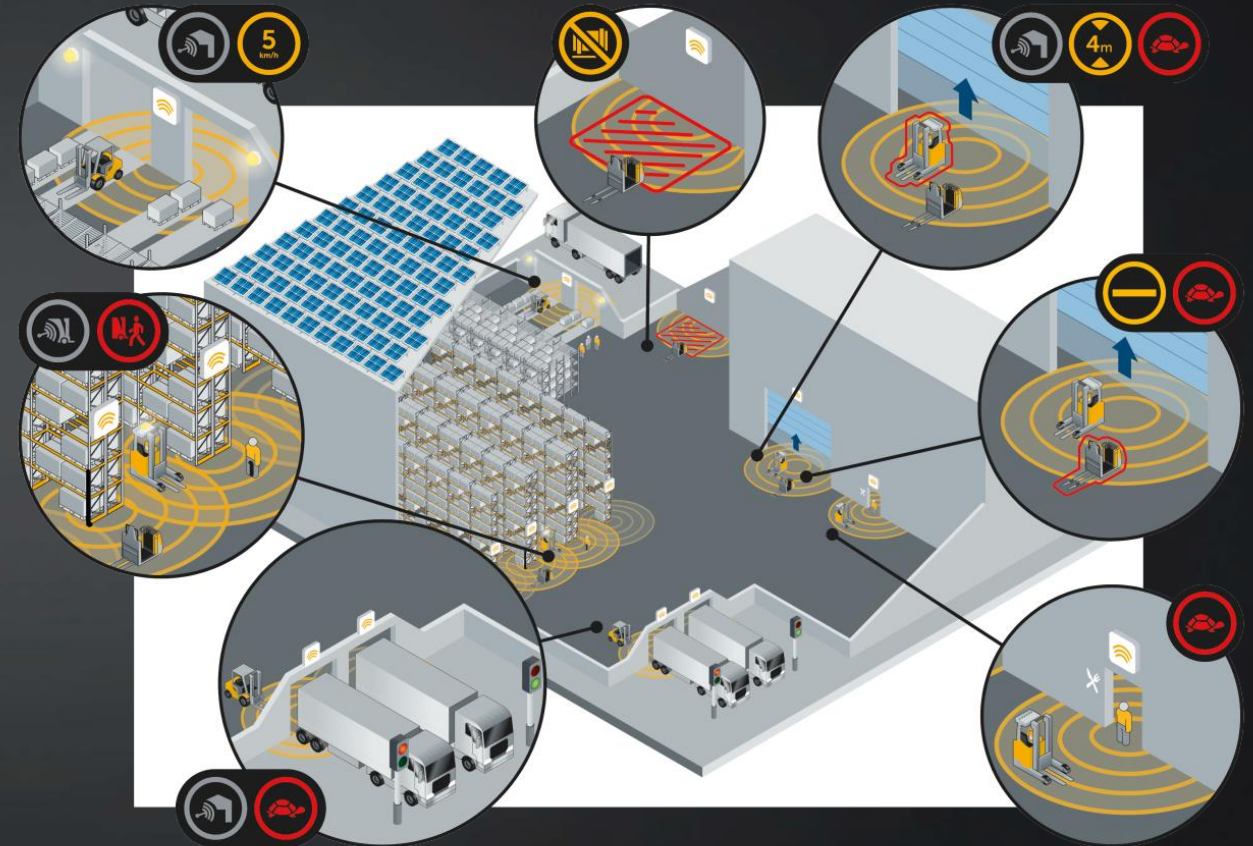


# Jungheinrich 360° Protection zoneCONTROL



# Jungheinrich 360° Protection zoneCONTROL

- ▶ Customizable and scalable system
- ▶ Effective protection of employees, goods, warehouse equipment and vehicles in designated zones
- ▶ Only a speed reduction in situations with potential danger
- ▶ In Q4/2024 there will be an extension available that will bring further functions:
  - ▶ zoneCONTROL Mobile Area (e.g.:
  - ▶ zoneCONTROL Digital gate



# Jungheinrich 360° Protection Camera with pedestrian detection



# Jungheinrich 360° Protection Camera with pedestrian detection

- ▶ Reliable detection of people and objects
- ▶ AI software is integrated in the camera and no additional hardware components are required
- ▶ Individual calibration of the danger zone possible
- ▶ 2 Touchscreen size available (10" & 7")
- ▶ Camera system can be connected to the vehicle control system and trigger crawl speed





 ***JUNGHEINRICH***