



Technology Solutions

Module 7 Student Workbook pages 39 -44

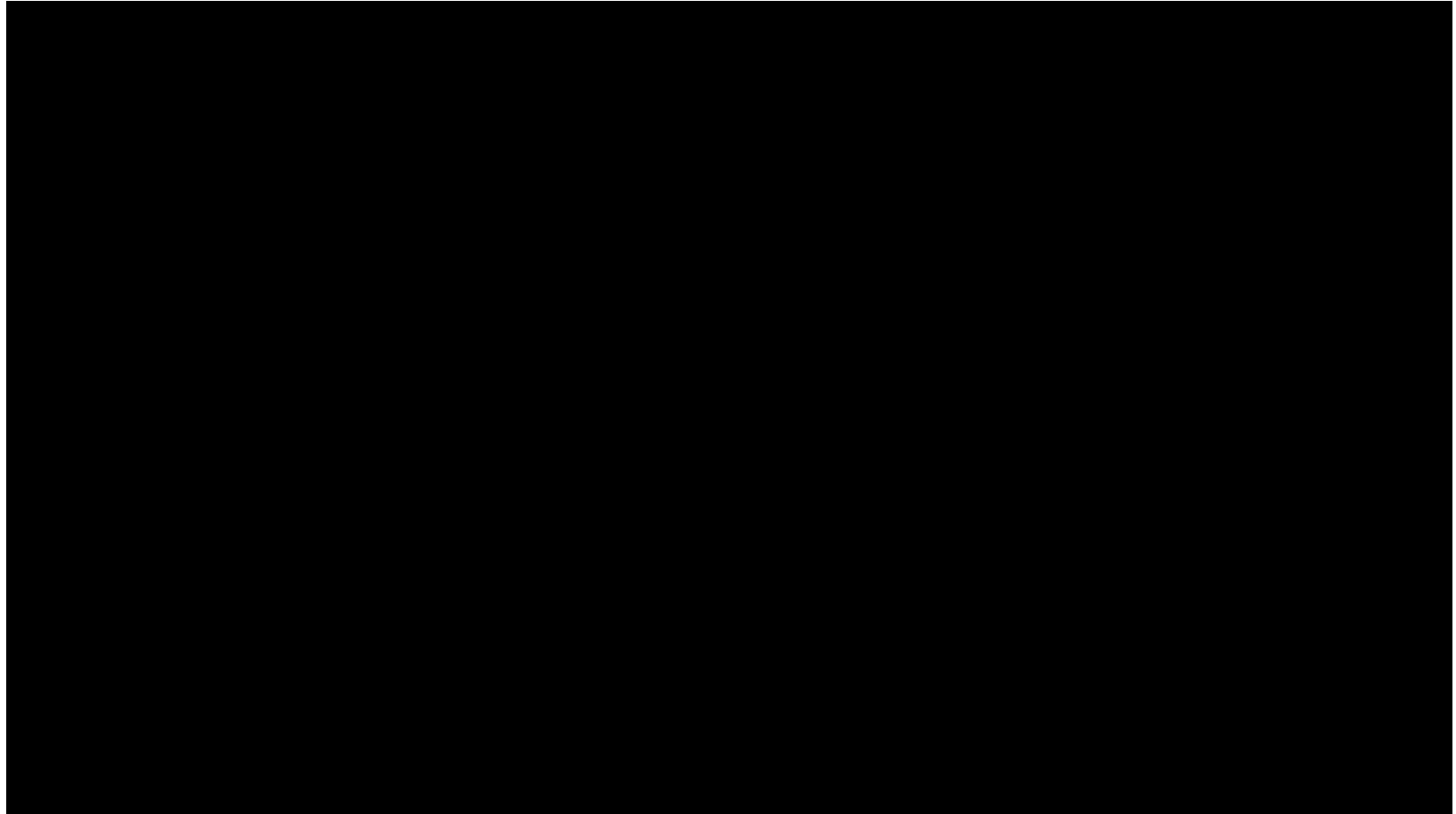
Learning Objectives

- Describe six types of technological solutions available to prevent runovers and backovers



Video Presentation

Technology & Blind Spots

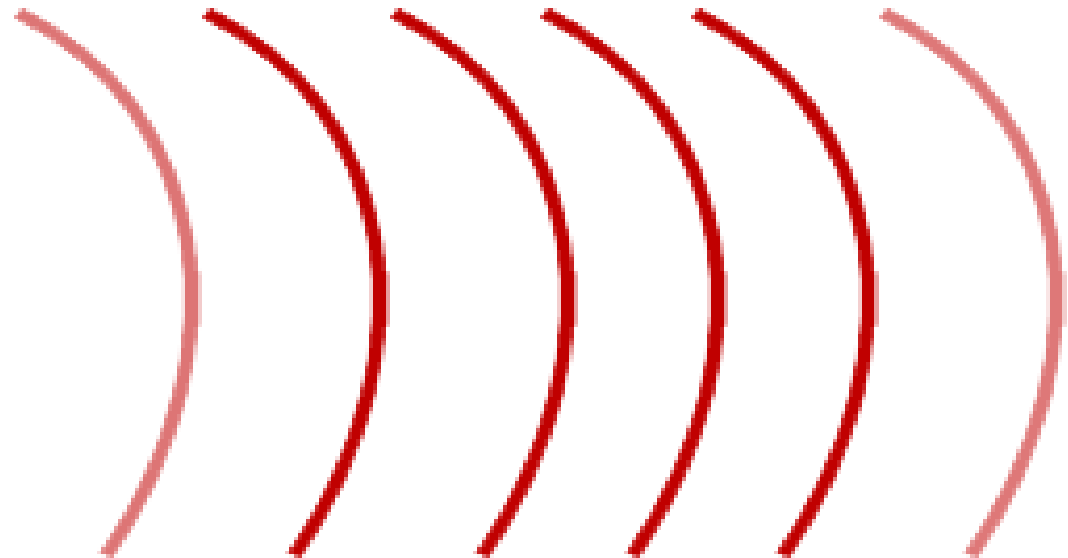


Terminology

- Proximity Detection
- Proximity Warning
- Collision Avoidance



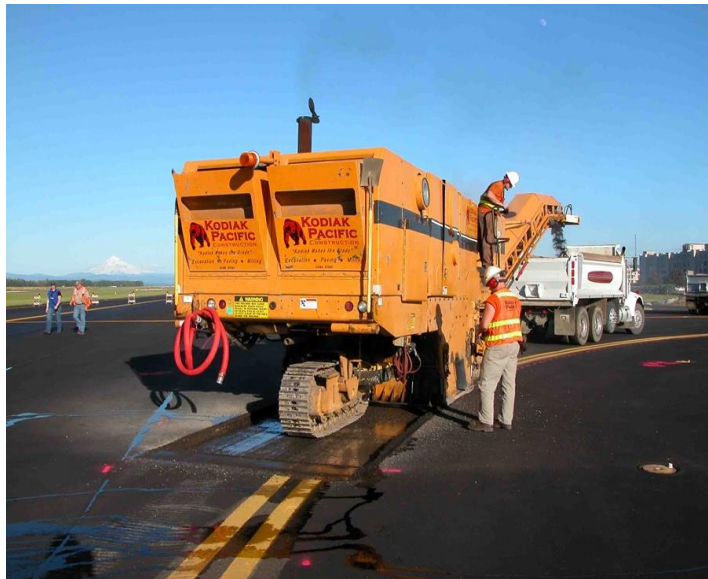
Proximity Detection & Warning



Proximity Detection



Selecting the Best Solution



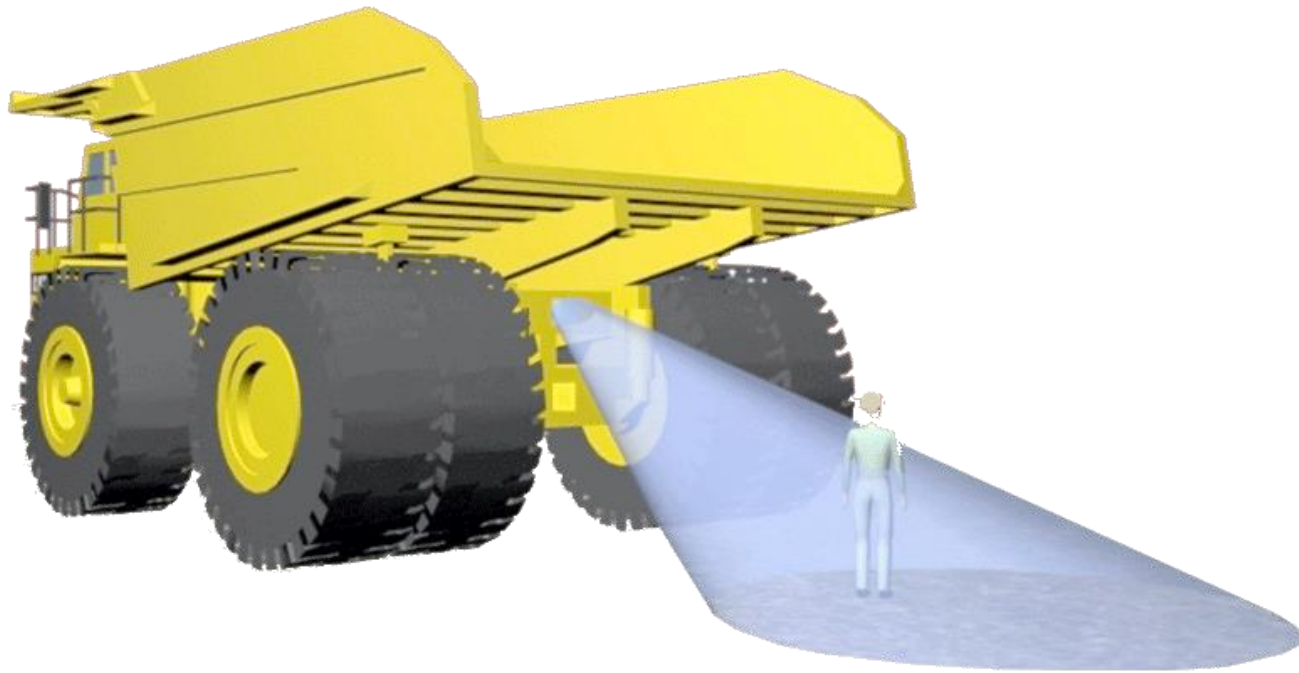
Camera Systems



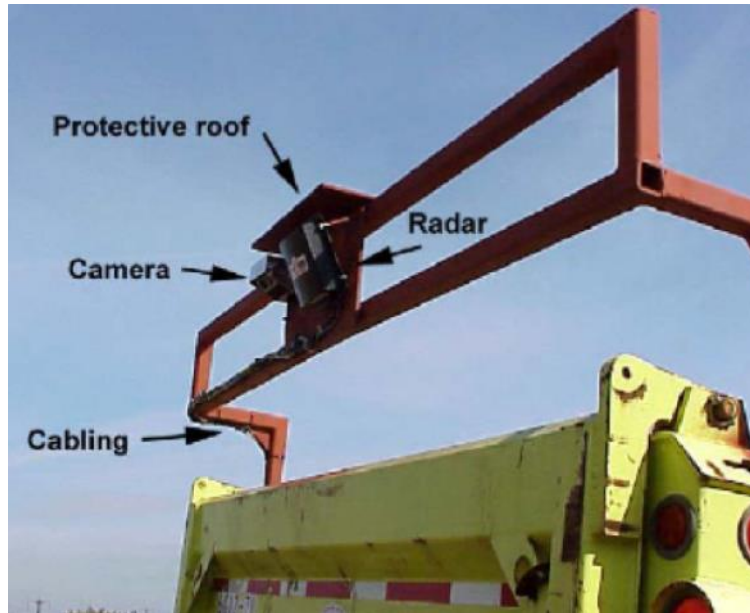
Sonar Systems



Radar Systems



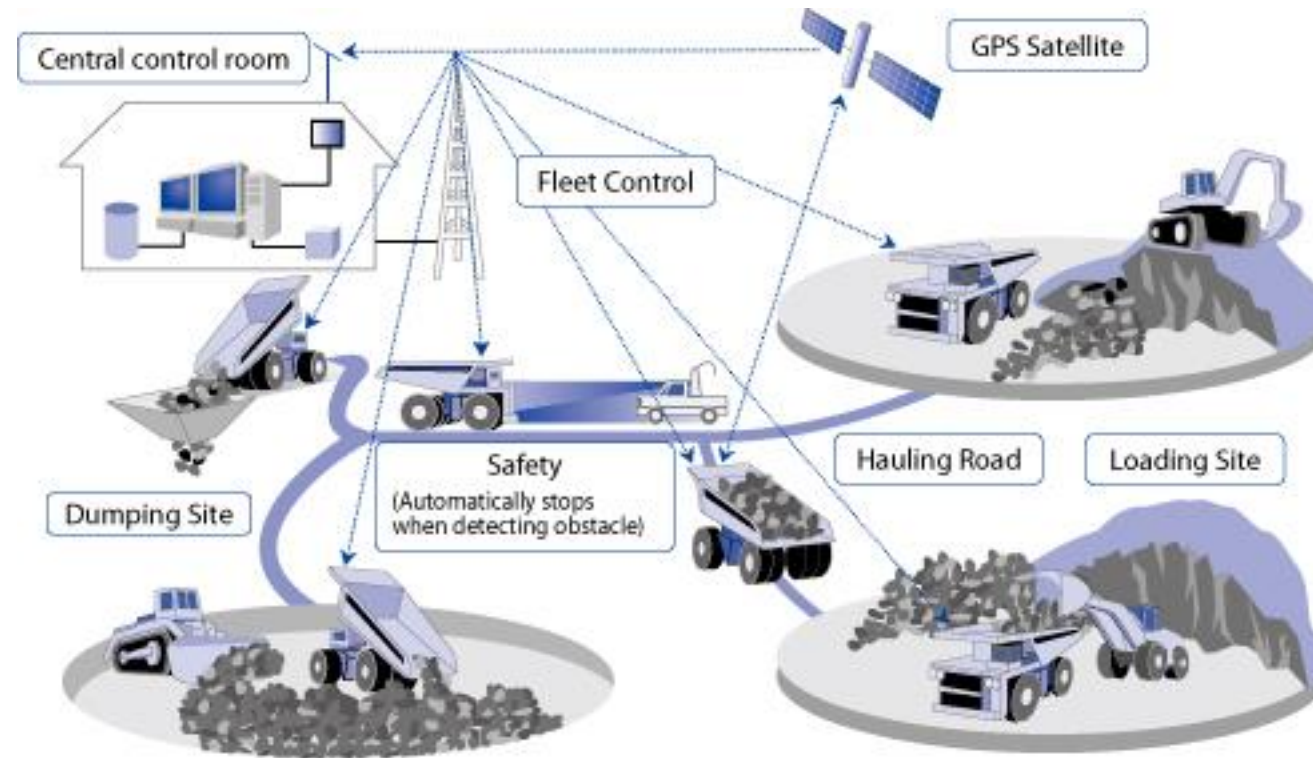
Radar or Sonar & Camera



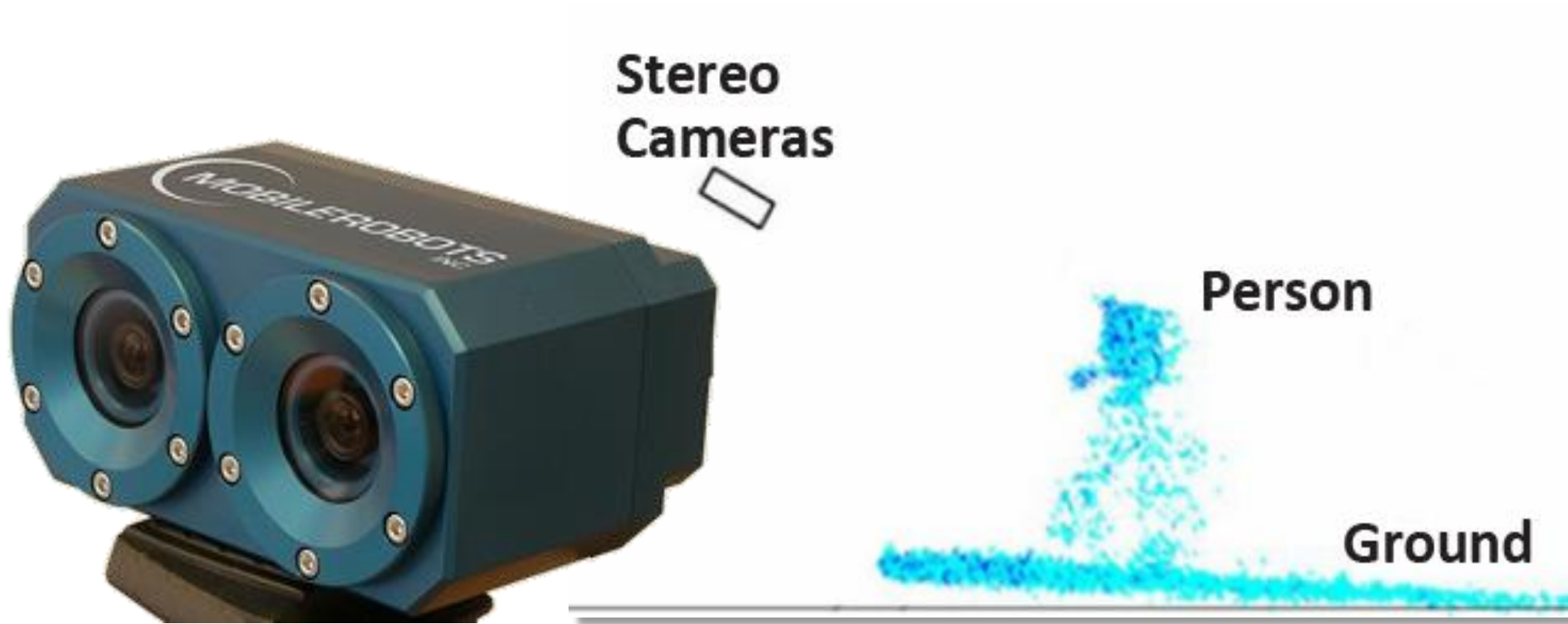
Tag Systems



GPS



Emerging Technologies



Additional Considerations

- Reduce nuisance alarms and false readings
- Combine operator displays for less distraction
- Use alarms in the best context
- Wearable sensors must be appropriate for work
- Backup systems available for tech failure

Summary

- Alarms
- Cameras
- Sonar
- Radar
- Tagging
- GPS

