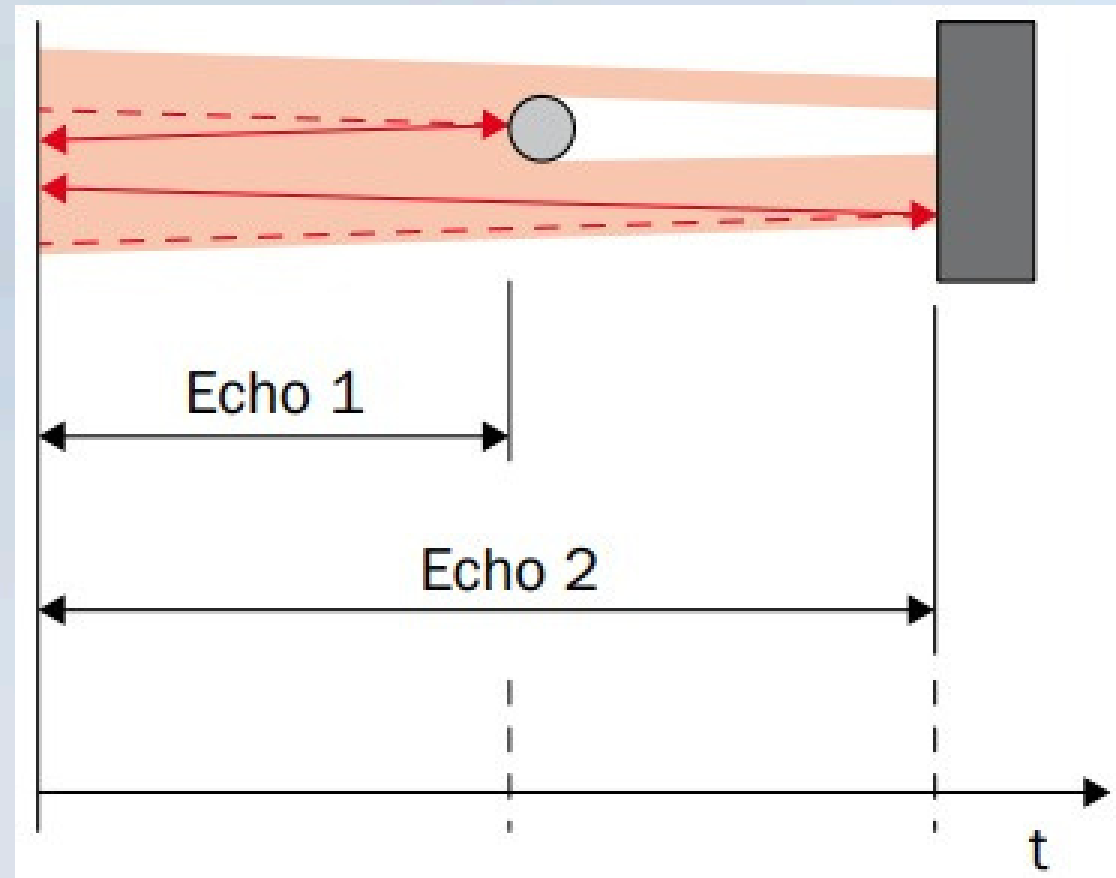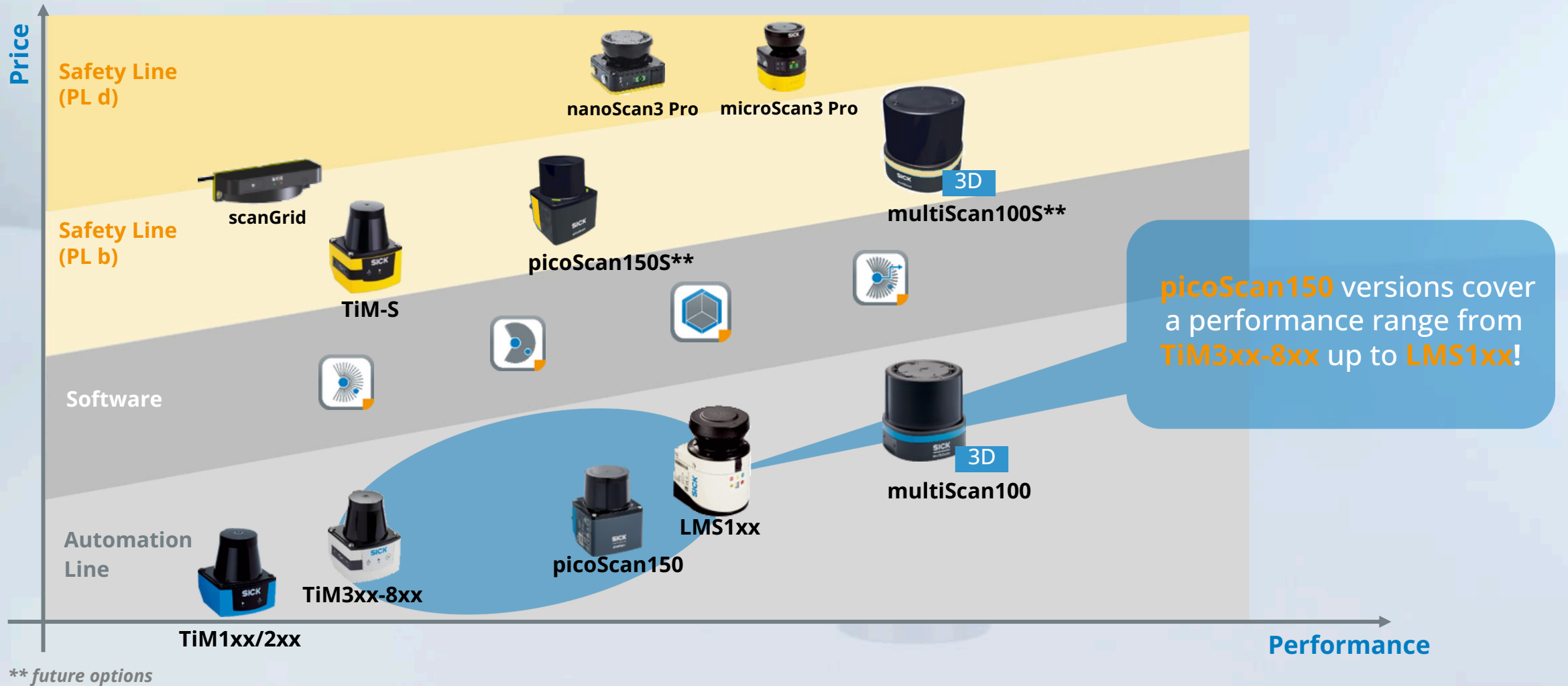# picoScan150

Working Principle

PRODUCT DESCRIPTION

LiDAR portfolio: picoScan150 – covers a wide performance range

PRODUCT DESCRIPTION

Compared picoScan150 to TiM series

Tripled performance!

Kept compact design!

Higher value – low price!

PRODUCT DESCRIPTION

picoScan150 performancepackages

0.05 ... 120 m
0.05 ... 0.5° @ 15..50Hz

0.05 ... 60 m
0.10° @ 20 Hz
0.25° @ 40 Hz

0.05 ... 25 m
0.25° @ 25 Hz
0.33° @ 15 Hz

picoScan150 Pro
max. performance for high-end navigation and outdoor applications

picoScan150 Prime
for advancedapplications such as navigation

picoScan150 Core
forshortrange applications – improved TiM class!

p r i c e

p e r f o r m a n c e

TARGET APPLICATIONS AND INDUSTIRES

IndustrialMobilePlatforms

Industrial trucks

› Driver assist system

› Collision avoidance

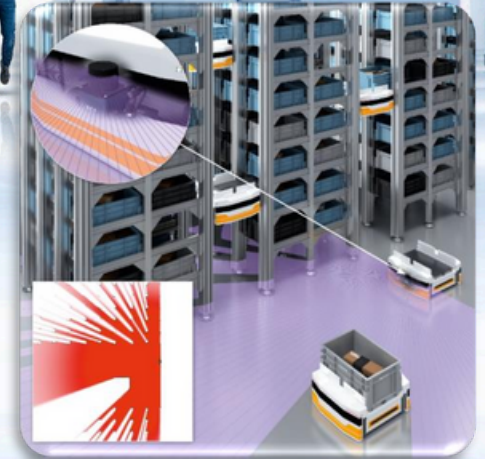› Pallet pocket detection

› Load monitoring

› Pallett integrity check

AGC, AGV or AMR

› Collision avoidance

› Data streaming for navigation / SLAM
  Obstacle detection

› Load monitoring

Order picker

› Collision avoidance

› Data streaming for "follow me systems"
  Obstacle detection

› Load monitoring

› Pick monitoring

› Pallett integrity check

Logistic Robots

› Collision avoidance

› Data streaming for navigation / SLAM
  Load monitoring

› Pick monitoring

› Pallett integrity check

TARGET APPLICATIONS AND INDUSTIRES

Stationary&OtherApplications

SICK
Sensor Intelligence.

Building security

› Facade monitoring

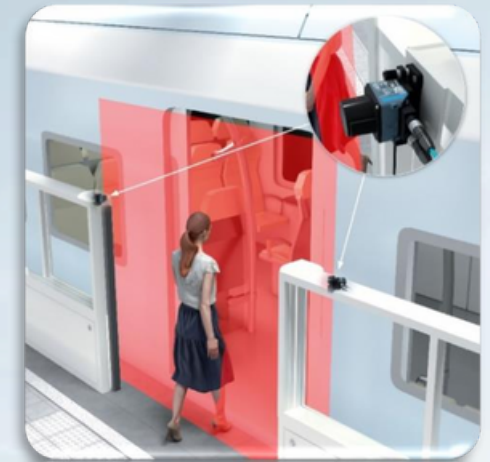› Access control in public spaces

› Protection of automated rolling gates

Logistics Automation

› Pick monitoring

› Collision protection in industrial environment

›Level monitoring at material box

Outdoor Automation

›Volume measurement

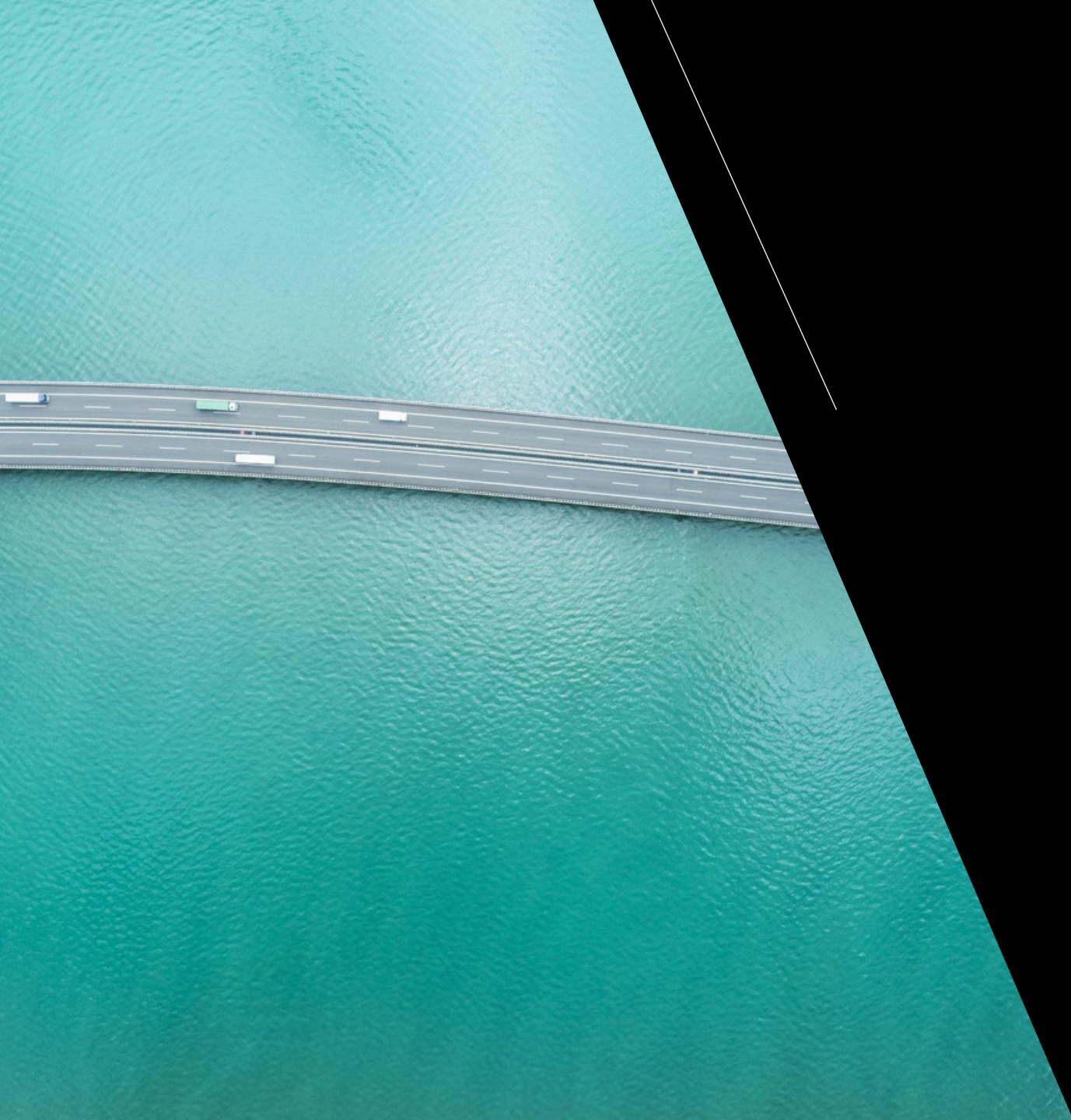› Twin-Twenty detection at containers

› Collision avoidance ofobjects

Smart Infrastructure

›Platform screen door monitoring

› Monitoring of people flow in public space

Features benefits & live demo

1. Dynamic switching

2. IMU

3. Contamination

4. Floating Field

THANK YOU