

New Sensor-Based Technology To Increase Pedestrian, Platform, And Transit Safety

John G. Green

BEA Inc.

*Sr. Business Development
Manager*

Pittsburgh, PA.

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The Issue

- It happens every day... We don't think about it... We seldom worry about it... But, it's a hazard we have to deal with on a daily basis.
- Large crowds of people
- Sometimes in a small confined space
- Busy multi-tasking
- Distracted
- Rushed
- Trying to board a piece of machinery on a timed schedule
 - What could possibly go wrong?



People that Text



The Drunk



And those who just don't pay attention



So how do we protect better?

- Active IR Sensors
- Passive IR Sensors
- Light Beams
- Acoustic Sensors
- Photo-Electric Beams
- Doppler Microwave Sensors
- Laser Based Sensors



Laser Safety for Rail and Bus Doors



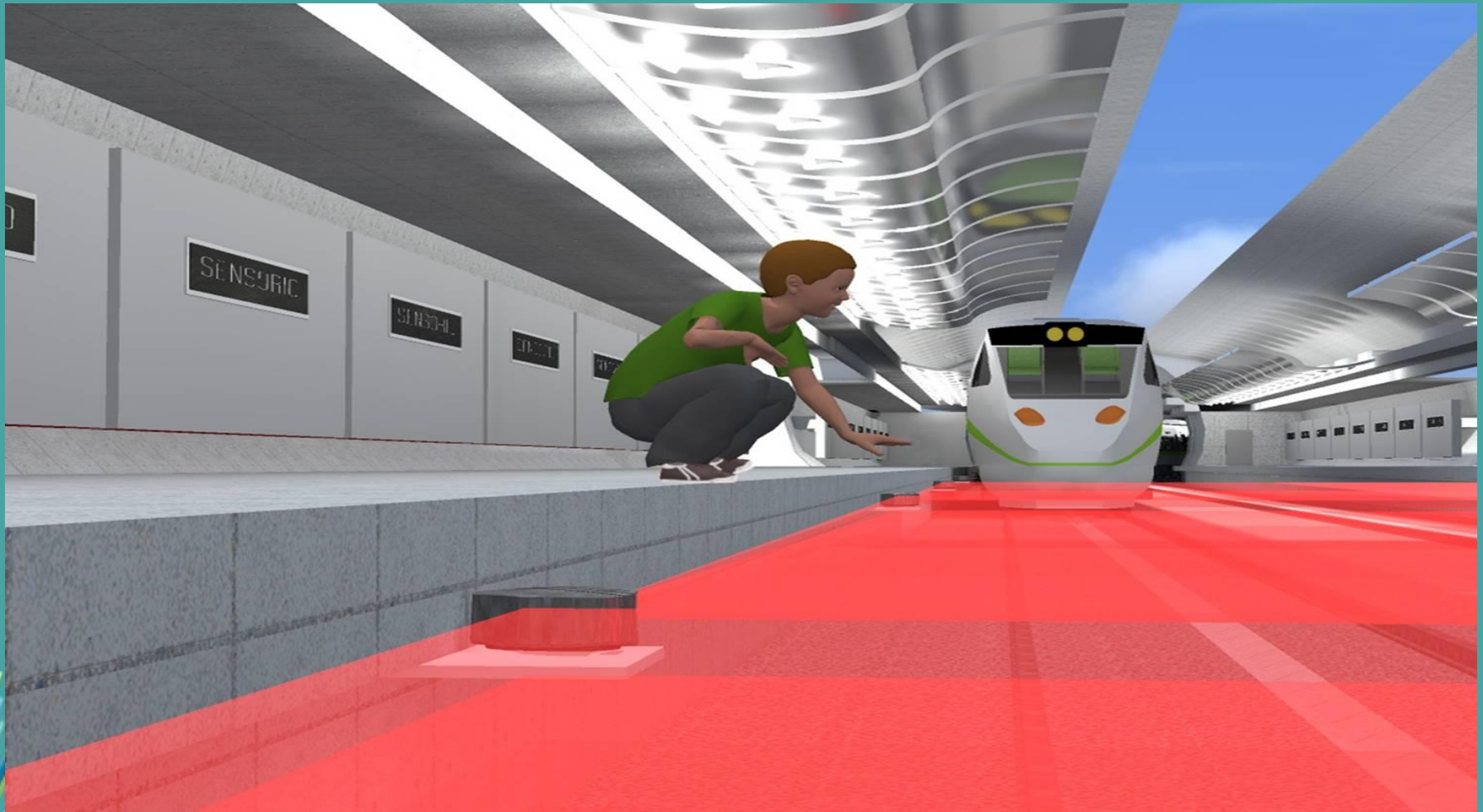
Laser Safety on Platform Screen Doors



Virtual Platform Screen Doors



Track Monitoring



Train Notification for Track Obstructions



Sensor Controlled Steps



Photo-Electric Cells



Active IR Beams



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So, What's Changed?

- We live in a very litigious society
- We see the ability to upgrade the technology
- We look at increased safety for our riders
- We understand the new security needs moving forward
- We can understand the structural future needs as we
built our infrastructure



The Path Moving Forward

- Understand that current Technology Providers are Solutions Providers...Were Here to Help...
- Understand the Technology and Embrace it
- Set aside funding for Technology Upgrades
- Look at the Big Picture as it Relates to Passenger Safety, Security and Legal Ramifications in your operations



Questions

John G. Green

jggreen@beainc.com

412-249-4091

