

Bag-Check AI - Automated, reliable, trustable conveyability assessment

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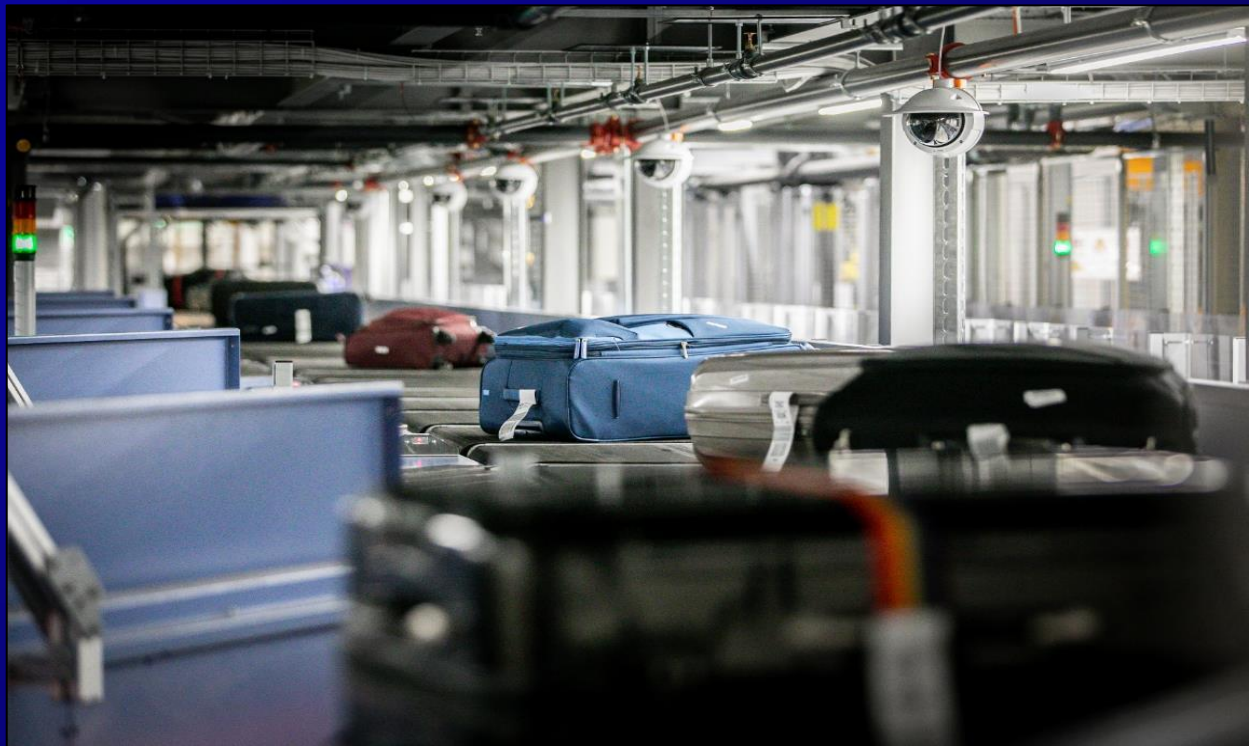
How to prevent bag hazard and BHS disruption ?



AI-based Baggage Classification



The desire for efficiency



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Need the right tool for EACH job



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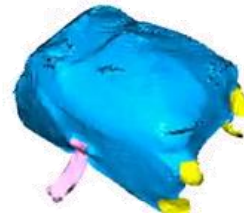
Artificial Intelligence-based solution

◆ Predictable is a key word:

- AI is not CERTAIN, but if well designed and trained it can be PREDICTABLE
- Does not require recurrent «training»
- Is much faster
- All systems perform the same

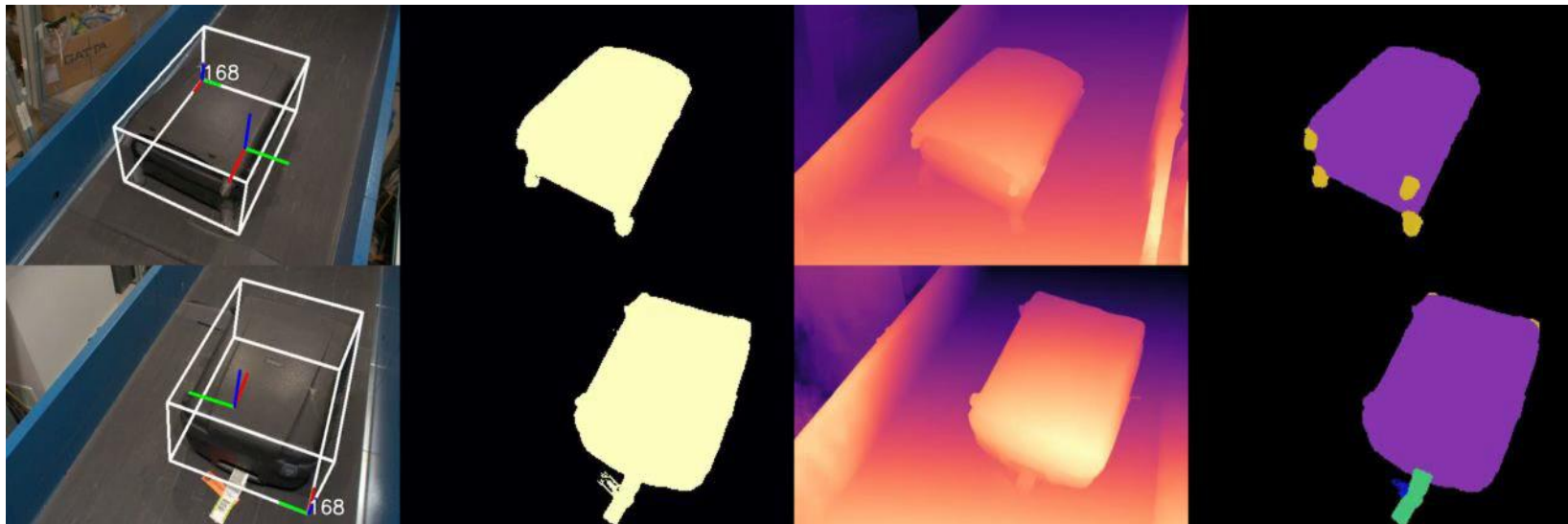
◆ Additional benefits:

- Statistics
- On-the-run configurability (thresholds)
- Easy to expand
- Easy to upgrade
- Works 24/7





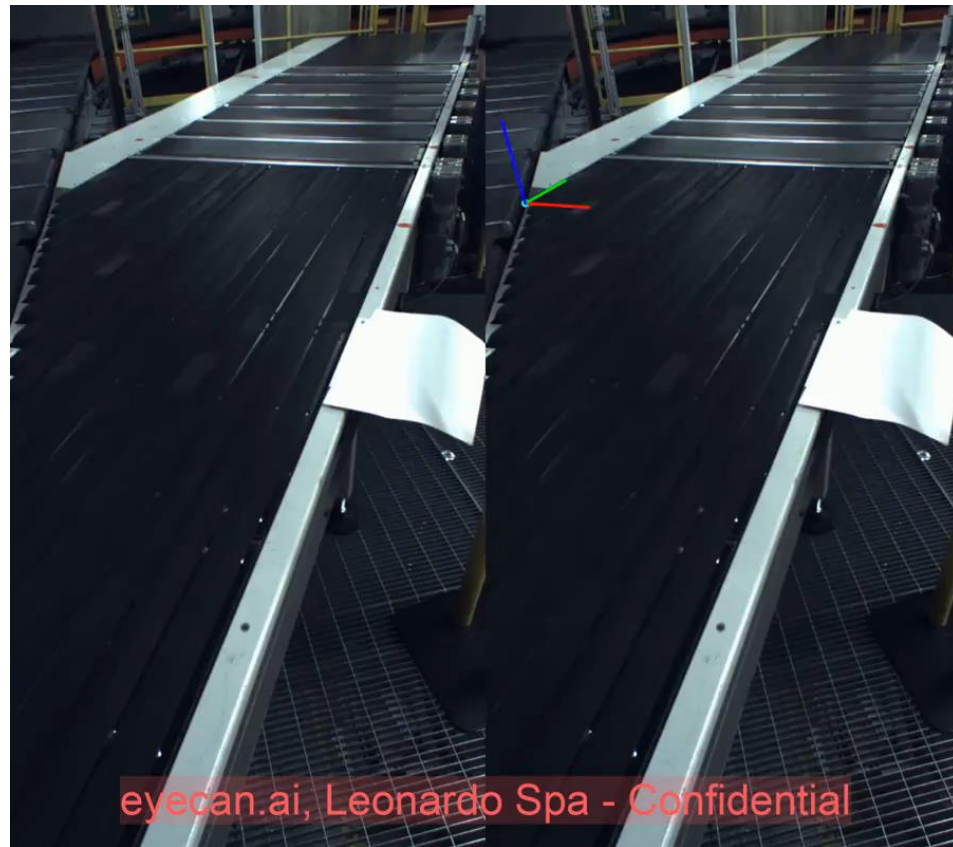
Few Examples





Key Takeaways

- ◆ **Conveyability control systems are needed to:**
 - Protect the infrastructure by reducing damage
 - Reduce sorting time and cost of maintenance
 - Reduce damage caused to the properties of our clients
- ◆ **AI-based machine vision is ready for critical automation applications**
 - Not just as a support tool, but as part of the fully automated system
- ◆ **Need to define clear objectives and expected outputs from the start**
- ◆ **AI is not CERTAIN, but if well designed and trained it can be PREDICTABLE**



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Thank you for your attention

- *Name & Surname, Role*
- *Leonardo Automation BU*

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