

## **Why Pedestrian Analytics?**

- Passenger Experience
  - Monitoring and servicing restrooms based on usage as opposed to time
  - Provide proactive wait time and experience information to set and manage passenger expectations
- Operational Efficiency
  - Measuring and monitoring processes for real time and long term improvements
- Public Safety
  - Understanding occupancy and presence to help reduce the risks of soft targets or manage evacuation events
- Commercial
  - Understanding people movement and flow through retail and concession areas

# Why CrowdVision Pedestrian Analytics?

- Complete population measurement (100% of passengers in view), not sampling and no population bias
- No proprietary hardware COTS Sensors
- Unique spatial occupancy detector for asset utilization measures
- Rooted in crowd analysis highly accurate with dense crowding
- No use of private device or personal information
- Advanced algorithm capabilities and space reconfiguration

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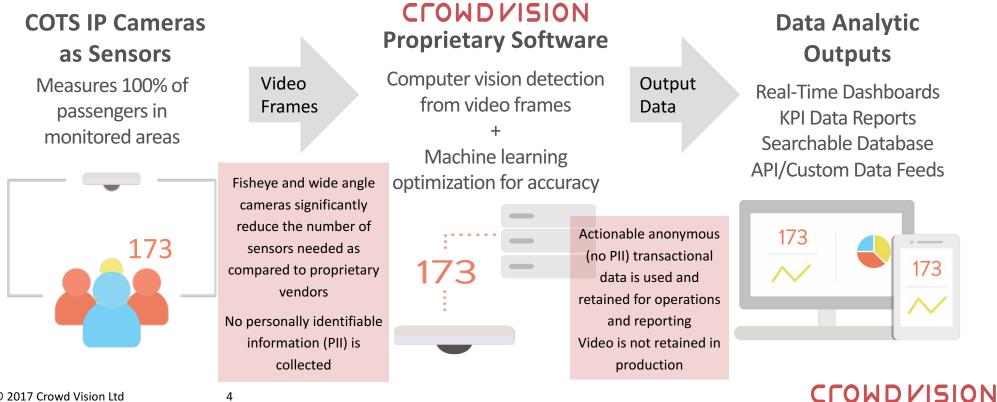
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### CLOMDRISION

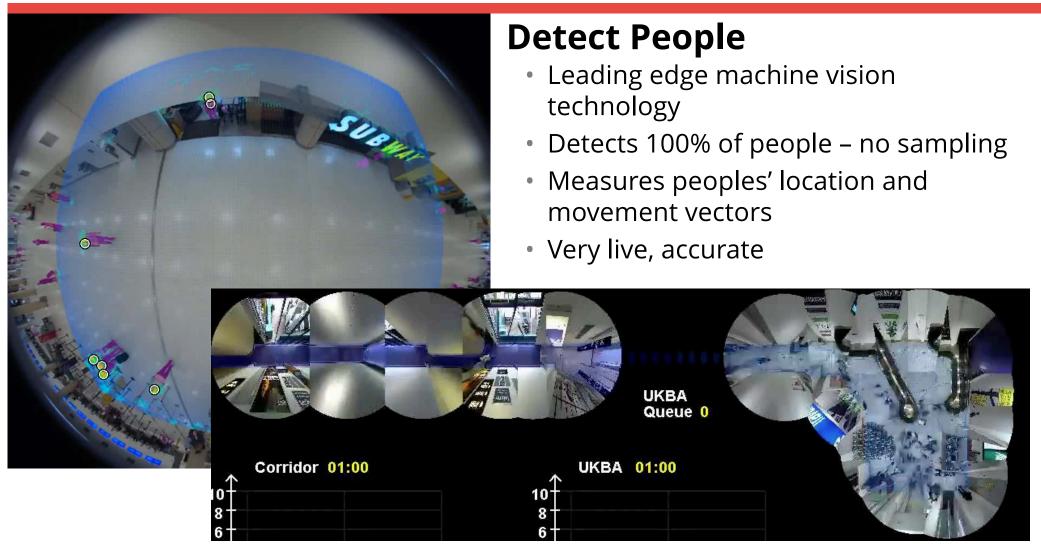


## **Solution Description – Overview**

The CrowdVision software solution processes video-streams from commercial-of-the-shelf (COTS) digital IP cameras to detect passenger counts, position, and movements; derive key metrics; and present those to users in intuitive ways to support their decision-making:



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## **Experience in the Global Airport Sector**



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#### **London City Airport**



#### **London Heathrow Airport**



CrowdVision has enabled LCY to achieve **world class passenger throughput** whilst maintaining a **premium passenger experience**.

By using CrowdVision in Terminal 2 and the Airport Operations Centre, LHR have managed their **security lane network** to provide **early warning** of passenger demand.

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