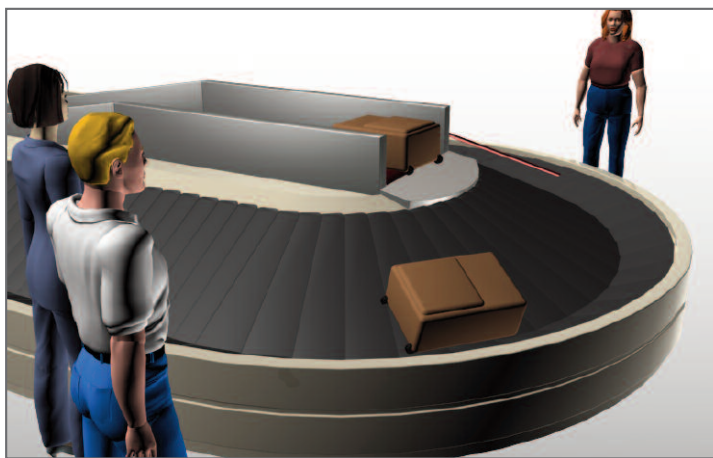


# CG APPLICATIONS

CARLO GAVAZZI



**Application Note:** January 26<sup>th</sup>, 2009

**Market involved :** Material Handling

**Product :** PD112CNB25BP...

**Customer :** ---

**Subject :** Suitcases detection on large conveyors

## CUSTOMER ISSUE :

During suitcases off-load to the main conveyor, it is required to avoid suitcases being stacked on top of each other.

## OUR SOLUTION:

A Photoelectric Background Suppression sensor will detect the suitcases just before the off-load belt, holding back the off-load until a free space is detected.

Thanks to this sensor, a reflector placed at the outer side of the conveyor can be avoided.

## ACHIEVED BENEFITS:

- The customer can detect even a slim black suitcase or bag close to a dark conveying belt.

