

ASIA PACIFIC INNOVATION AWARD SHOWCASE: **WINNER OF MOST INNOVATIVE EMPLOYEE TEAM AWARD**

When small flyers get lost within the conveyor belts of DHL Express' Sorter Search System, the team spends up to 6 hours looking for them. Today, DHL Express Singapore's South Asia Hub team has developed and implemented the Sorter Search System (SSS), a bespoke imaging solution that effectively locates missing shipments in the warehouse. The solution improved search efficiency from 6 hours to 10 minutes, and also improved safety of searches.

WHAT WERE THE CHALLENGES?



Each search required up to 6 hours of physically combing through 305 carriers



Carriers suspended 7 meters above ground



Maintenance crew are at risk

SOLUTION

The Sorter Search System (SSS) - a mini video recorder mounted on a custom-designed rig that pinpoints missing envelopes and flyers.

WINNER



WINNING INNOVATION

THE SORTER SEARCH SYSTEM (SSS)

A bespoke imaging solution that saves hours of searching.



HOW DOES IT WORK?

SSS traverses the route that packages take and footage is captured live on crew's mobile phone or tablet.

Search is conducted 2 times a day and takes 10 minutes to complete.



Timely and live feedback received

OPERATIONAL IMPROVEMENTS



Work related risk reduced



25x faster search, reduced from 6 hours to 10 minutes



Search crew reduced from 6 to 2

Manhour 10 minutes



High scalability



Increase frequency of inspections



6 to 10 shipments saved every month