



PRESS RELEASE

Prime Vision and Unmanned Life take the sting out of shipment sorting

DELFT, The Netherlands: July 11, 2017. Prime Vision and Unmanned Life have demonstrated their Autonomous Sorting solution to an invited audience at Zoetermeer, The Netherlands.

With an empty warehouse as a venue, the presentation demonstrated a sorting centre manned only by autonomous robotic UV's (Unmanned Vehicles).

In simple terms, the autonomous solution applies the latest robotics technology to create an army of rovers that behave similarly to worker bees. Swarming algorithms determine the actions of these *bees* enabling them to identify, assess, sort and physically transport items to their dispatch location.

Prime Vision, a leading solutions provider for the postal, parcel, logistics and airport markets and Unmanned Life, the world's first AI driven software platform to manage autonomous drone fleets for commercial use, are collaborating to develop this pioneering solution for the broader mail and parcel industry.

This 'pop-up' sorting centre can be deployed in any building in less than a day. These UV's or 'Rovers' as Prime Vision like to call them, require no other equipment or existing plant to operate and are safe to work alongside human workers. The system can be scaled up or down and rovers can even be dispatched to other locations depending on the days requirements.

"It is clear that robotics offers great potential to the logistics industry. The concept Prime Vision and Unmanned Live have developed and shown today, is incredibly convincing and outlines the future for robotics in our industry" said Eddy Thans, CEO of Prime Vision.

"I truly believe that Autonomous Sorting can alleviate the challenges resulting from the fast-growing parcel volumes created by e-commerce. The flexibility and scalability of Autonomous Sorting is unrivalled and clearly demonstrates the ease with which postal companies can scale up or down to meet the seasonal demands without the need for large investment."

"We believe it will be a game-changer for postal and express-parcel carriers alike. We like to describe it as sorting without a sorter", Kumardev Chatterjee, CEO of Unmanned Life, adds.

Whether seasonal demand, a temporary location, or an excessive workload, the system can be easily deployed to bring a rapid, flexible solution to any short-term problem and is robust enough to become the backbone of smaller logistics centres. Once in place, the solution can run specific hours or 24/7 with the capability to operate a throughput up to initially 15,000 parcels per hour.

The Autonomous Solution is highly competitive as it lowers CAPEX and OPEX significantly ensuring that there are no barriers to adoption by postal companies looking to integrate a more scalable and flexible sorting strategy. In addition, rovers can rapidly and accurately perform the sorting at a lower cost (per sorted unit) than the current industry standard.

Over the coming months Prime Vision and Unmanned Life plan to demonstrate further advancements in the development of the system including a robotic arm that can perform autonomous pick-up and place of parcels.