

How Locus helped a leading e-commerce giant in Indonesia achieve last mile excellence with optimized vehicle utilization



IMPACT

25%less
vehicles used**30%**increase
in vehicle capacity utilization**23%**increase
in SLA compliance



CHALLENGES FACED BY THE CLIENT

As E-commerce sector grows exponentially, outmoded and manual processes at the last-mile run the risk of driving down the efficiency and costs of fulfillment. A leading Indonesian e-commerce marketplace partnered with Locus to address these challenges:

Poor operational efficiencies, delivery delays, & increased costs due to manual scheduling, sorting, and routing of orders

Sub-optimal order allocations resulting in a severely under-utilized delivery fleet

Long planning hours due to human dependencies for shipment sorting

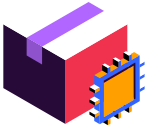
LOCUS SOLUTION



Optimal Route Planning

The Locus Route Planning module allows companies to efficiently manage and schedule delivery routes via advanced, automated fulfillment workflows.

With Locus, the e-commerce giant achieved end-to-end automation of its entire dispatch and routing operations. Dispatchers could now account for multiple business constraints while seamlessly generating & allocating optimized delivery routes to drivers.



Automated Sorting

Locus' autonomous shipment sorting module minimizes human dependency in delivery operations to optimize efficiency, resource utilization, and transportation costs.

Locus introduced automated vehicle-based allocation to minimize shipment processing time with the help of smart route allocations for every shipment.

Impact



End-to-end supply chain optimization for B2B enterprises



Increased visibility of orders in transit, allowing room for better decision-making



less vehicles used



increase in vehicle-capacity utilization



increase in SLA compliance