



LogisticsX
powered by Park N Parcel

The Future of Decentralised Last Mile Logistics

EXECUTIVE SUMMARY

LogisticsX offers traceable and verifiable last-mile logistics between multiple Third-Party Logistics players, and incorporates the use of a flexible workforce to complete the final delivery steps. Payment of fees to involved parties, without commission, are an integral and automated component of the platform.

The last mile delivery sector is set for a major revolution where opportunities are abound. Not only does the booming e-commerce industry bring about a urgent need for smoother logistics flow, it also presents an opportunity for wider economic empowerment through the involvement of more flexible workers in the logistics ecosystem.

The large headroom for growth for this sector also calls for more transparent and seamless integration between the different stakeholders. A continual demand by customers for faster, better, cheaper – and now, fairer service must also be met through innovation.



KEY CHALLENGES

To capitalise on the aforementioned opportunities, a solution must first be designed to overcome inherent challenges that plagues the current system. We have identified three (3) key challenges currently faced by last mile logistics companies globally.

High Parcel Delivery Failure Rate

The first key challenge is the high parcel delivery failure rate, which will undoubtedly increase the cost of operations due to the need for redelivery.

Low Parcel Delivery Efficiency

The second key challenge is the low efficiency in parcel delivery due to wide utilization of the traditional “Hub and Spoke” delivery model, where parcel delivery routes are highly affected by any delays in the central warehouse or delivery points upstream.

Poor treatment of Freelance Couriers

The third challenge is the poor treatment of on-demand logistics couriers with uncompetitive employment benefits and harsh work culture. Hence, a system capable of securing efficient yet low cost parcel delivery will be of paramount importance to meet the growing demands.



CORE TECHNOLOGIES

LogisticsX aims to utilise blockchain technology to create an integrated, transparent and decentralised platform that will tackle the challenges mentioned above.

Trustless Ledger

The trustless nature of the platform will lay the foundation for a harmonised ecosystem between the different stakeholders involved in the last-mile process, which includes the third-party logistics companies, e-commerce retailers, logistics couriers and end recipients.

With this novel connection methodology, LogisticsX aims to set forth the global common standard for the connection between logistics stakeholders to increase efficiency in a global parcel delivery network.

Decentralised Logistics Model

Moreover, due to the shared nature of the ecosystem, LogisticsX believes that the future of last mile logistics will have more stakeholders involved than the traditional “Hub and Spoke” model. Freelance individuals will be able to participate in various segments of the delivery process while reaping employment benefits.

Contribution Activity Manager

Lastly, the platform also aims to improve the compensation of flexible logistics couriers by establishing close collaborations with strategic partners such as Blue Whale Foundation (“Blue Whale”). We aim to leverage on their potential capabilities to provide freelancers operating in the LogisticsX ecosystem with more comprehensive and sustainable benefits.



To sum up, LogisticsX aims to transform the last mile delivery sector by increasing traceability and transparency, while reducing the fragmentation currently present between stakeholders and actors in the logistics business.

THE TEAM

The LogisticsX development team comprises of multi-talented members with prior experience running businesses and operations in various industries, including Finance, Hospitality, F&B, and Logistics. The technical department has multi-year experience in various blockchain technologies, from management of nodes, to mining operations.

Advisors include veterans from multinational logistics firms, with the combined knowledge of cross-border shipping, e-fulfilment, and supply chain management.

THE COMPANY

LogisticsX is a wholly owned subsidiary of Park N Parcel Pte Ltd, which is the first and largest provider of self-collection points throughout Singapore. This was accomplished by enlisting the help of stay-home neighbours as a flexible workforce. It further improved on this concept with a new service incorporating deliveries between Retail Points in malls, filling a need with small, home-based e-commerce sellers.

With partnerships in place with large logistics and e-commerce companies like DHL, Aramex, Singapore Post, Lazada, and Carousell, Park N Parcel is poised to be a central component in the last-mile delivery flow.

