

# Achieving **30% Faster Deliveries** With Dynamic Route Planning



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# Introduction

Consumers in today's era wish to be empowered to manage their own delivery experience. Rather than being bound to time limitations, they wish to get their deliveries as early as possible. Be it a pizza delivery or a brand new dress from an eCommerce site, time is the essence of delivering a splendid experience to the customers.

On-time delivery is an important metric to measure the efficiency of your supply chain. It is an important KPI that tells if the organisation is meeting its goals concerning order delivery time. However, with thousands of orders being placed every single minute, route optimization is one of the major factors impacting timely deliveries. If the routes aren't optimized dynamically.

In this Whitpaper, we'll understand how to **“Prioritize dynamic route planning and optimization to boost faster deliveries by 30%.”**



# Importance of Route Planning for Timely Deliveries

Providing an estimated delivery date is a key expectation of consumers, but only **56% of the retail brands are providing this visibility.**

**Deloitte.**

**80% of shoppers want same-day shipping, and 61% want faster.**

 **OnlineDasher**

Online retailers can boost their competitive advantage by over **85% by offering same-day delivery.**

 **OnlineDasher**

**49% of shoppers say same-day delivery makes them more likely to shop online.**

 **OnlineDasher**

The nature of people's work and schedule throughout the day has a major impact on the increasing popularity of online deliveries in a timely manner. In today's time, other than the ordered products, various other factors play a major role in deciding the customer experience. It is safe to say that Logistics is the new customer experience differentiator.

With thousands of orders being delivered across the globe everyday, having a robust system that helps efficiently in planning routes conveniently without spending extra sounds like a daunting task. Route planning is highly resource-intensive and based on various geographical factors along with major focus on fuel efficiency and environmental aspects.



Businesses have started relying on various logistics management platforms to carry out this crucial task effortlessly without affecting the delivery time or customer experience adversely.

## Industries that must focus on offering timely deliveries:



**eCommerce**



**Retail**



**Food & Beverages**



**Consumer Packaged Goods**



**Courier, Express and Parcel**



**Transportation and Logistics**

## Key Findings by Gartner:

There is an increasing need for efficient vehicle routing and scheduling to streamline operations to improve service and reduce costs. This is due to growth demands from eCommerce and other forms of consumer delivery within the last mile, as well as less than truckload (LTL) and full truckload (FTL) transportation.

Today's top performance demands the ability to optimize unexpected changes to delivery schedules to ensure smooth operations and provide expected customer experience.

The growing focus on sustainability is driving the need to find better ways to manage and reduce carbon emissions. This means that more sustainability capabilities are being found in vehicle routing and scheduling (VRS) systems.



# Major Challenges Faced by Businesses

## Planning Routes is more difficult than one can imagine.

Among major geographical factors, other things included in efficient route planning include fuel expenses, software support, driver productivity, readiness for on-road mishaps, transportation risks and many more.



### Did You Know?

65% of consumers would stop buying from a retailer after two or three late deliveries.



**Fuel Costs:** Being a variable expense that reaches new highs periodically, managing fuel costs with numerous deliveries everyday is one of the major challenges. Finding an efficient way to manage fuel for multiple trips can save more than one-third cost per mile that directly goes to fuel.



**Driver Productivity:** Driver shortage is one of the most concerning and common problems faced by businesses. Ensuring high level of driver product for multiple orders no matter small or big needs the help of technology such that every process is automated and clear to the drivers. Any confusion regarding routes, deliveries, addresses or ePOD can become a huge blocker.





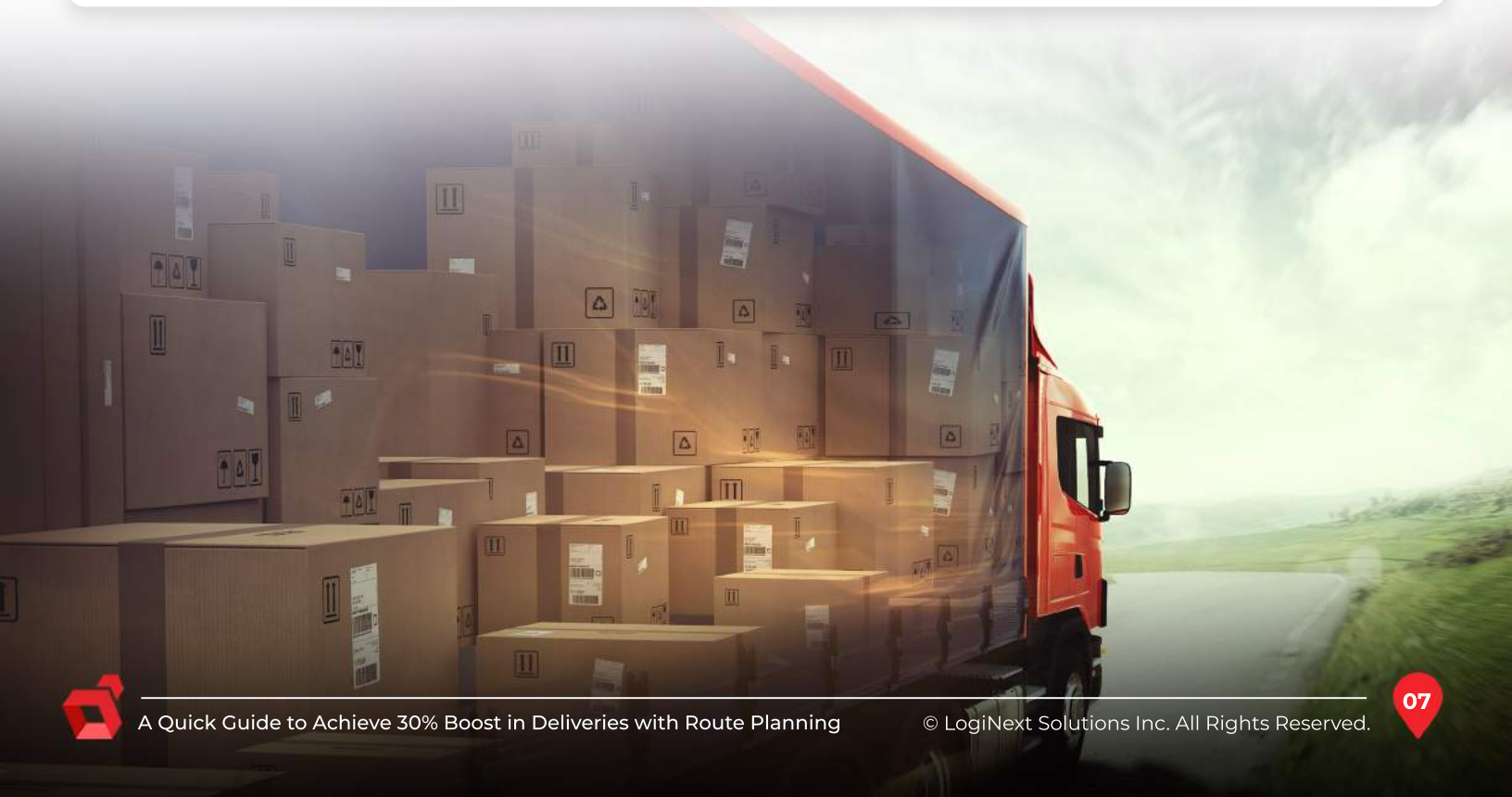
**On-road Mishaps:** Uncontrollable situations like bad weather conditions, traffic, natural calamities and accidents can completely disrupt the timely delivery flow and even damage the goods at times. Having a predictive analysis for the same on the basis of past data and research done for various routes can minimize the risk and maximise the chances for delivery.



**Transportation Risks:** Usually occurring for long haul movements and huge shipments, heavy trucks account for 15% of death caused by road traffic accidents in places like Europe. The statistics for various locations for such risks and after effects change across the globe but the rate at which it happens is concerning. Poor planning of routes, even if looks like an on-paper issue has a huge contribution to make in such mishaps which needs to be managed.



**Environmental Factors:** All the businesses in today's time have to be accountable for constantly growing concern around global warming and unprecedented weather changes. Governments across the globe are enforcing stringent norms for logistics providers to keep a hard check on their carbon footprint. Hence, planning environment-friendly and fuel-efficient routes within optimum travel time is mandatory.



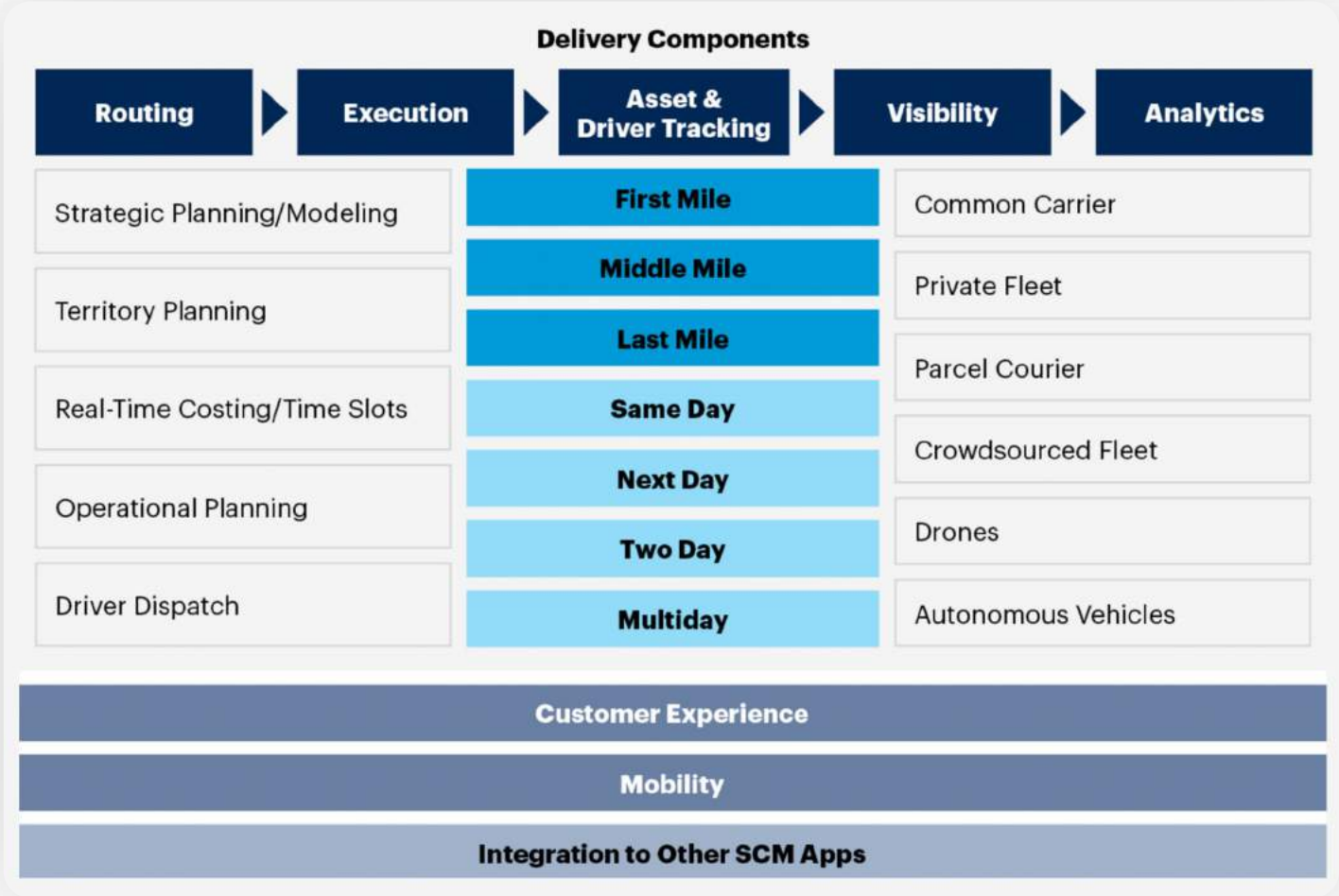
# The Ultimate Solution- Route Optimization

Route Optimization Software Market size is expected to cross USD 180 billion by the end of 2035, expanding around 15% CAGR during the forecast period i.e., 2023 – 2035.

Capabilities such as territory planning, capacity planning, driver comfort and payroll features are complemented with geofencing, modeling and telematics integration to support better planning and enhanced visibility.



## The Major Components of Vehicle Routing and Scheduling Include:



Source





Bringing technology and innovation together to address and solve various challenges related to route planning is the need of the hour for every business. Route optimization is the ultimate solution that has completely replaced the traditional routing process with the advanced route planning softwares.

## What does a Route Optimization Software do?



**Makes Same-Day Deliveries Possible**



**Helps in Planning Highly Efficient Routes**



**Offers Real-Time Route Optimization**



**Lowers Total Cost of Order Delivery**



**Offers Visibility on Vehicle Availability & ETAs**



**Utilizes Data Analytics for Future Deliveries**



**Integrates with Existing Dispatch Systems**



**Reduces Fuel and Maintenance Costs**



# LogiNext's Impact with Dynamic Route Planning

With the advanced route optimization capabilities offered by LogiNext, the major challenges faced by businesses in various industries are addressed specifically. The customer-centric features developed by LogiNext are focused on empowering businesses to transform supply chain and logistics operations into more profitable manner. LogiNext has helped elimination of 50% overhead fuel expenses per delivery with the help of its route optimization feature.

## Core Capabilities:



**Territory Planning**



**Vehicle Routing**



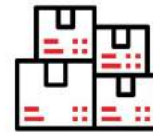
**Driver Management**



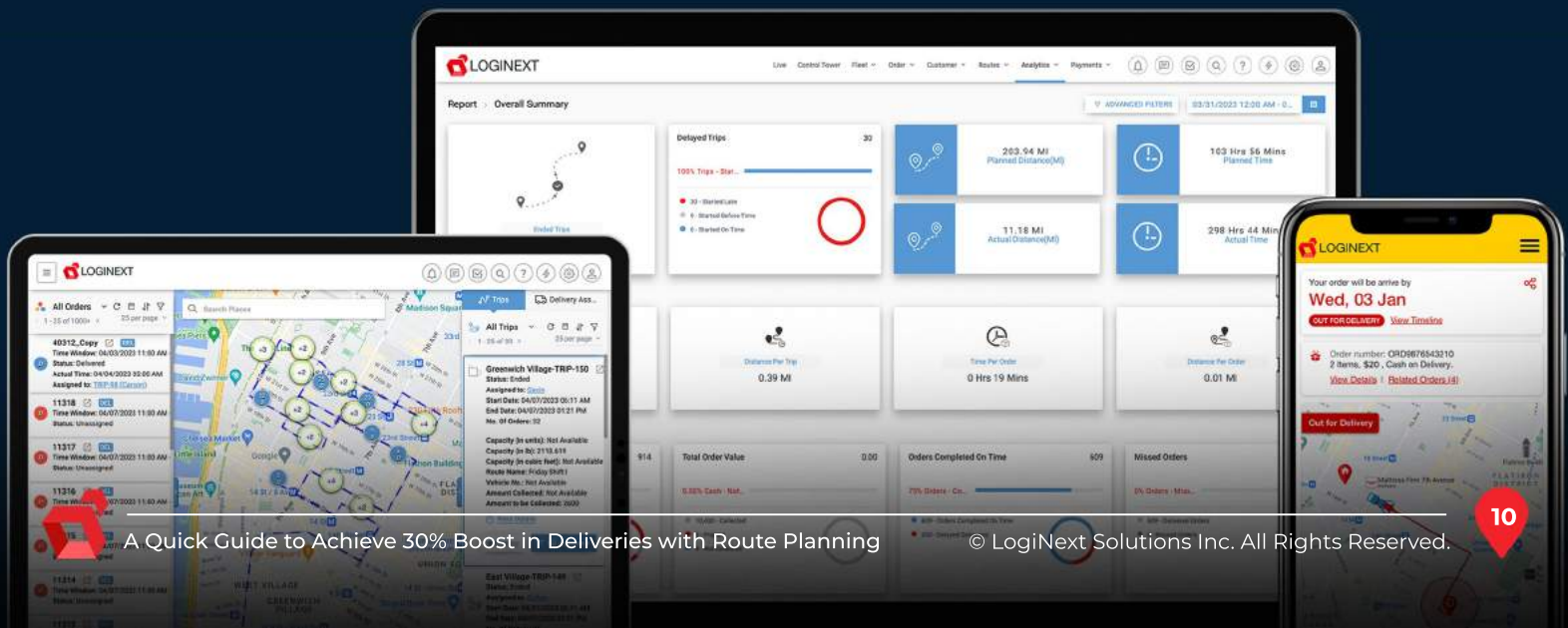
**Fleet Management**

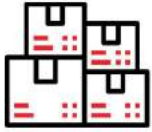


**Performance & Analytics**



**Order Window Allocation**





## Auto Allocation

Focused on safer and faster deliveries, LogiNext's auto allocation feature identifies and ensures that the right delivery associate and vehicle is assigned for the right delivery considering major factors such as distance, time, delivery type and more.

01



## Route Planning

With the help of machine learning, artificial intelligence and various technological updates, route planning has become one of the major features offered by LogiNext. For various types of deliveries that requires route planning for first mile, middle mile or last mile, LogiNext offers a sustainable solution.

02



## Schedule Planning

Creating an advanced schedule for the entire journey planning helps in increasing delivery speed and productivity for your field representatives in a streamlined manner. LogiNext allows you to do so with simple configurations as per your business requirements.

03





## Geofencing

With a simple click and drag feature, create a geofence for targeted driver allocation. One can directly assign driver personnel or vehicles for a specific geofenced area to save fuel costs and make the most of driver's field and direction knowledge.

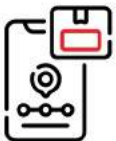
04



## Dynamic Routing

For last-minute or on-demand orders that are usually time sensitive, LogiNext along with the power of its predictive analysis can identify dynamic routes in real time for faster and convenient deliveries.

05



## Real-Time Tracking

As customers in today's time always wish to get a crystal clear view of their order status. LogiNext allows you to conveniently configure the real-time tracking functionality so that customers are always aware of their order status and driver's movement.

06



# Satisfying Customers with Faster Deliveries

LogiNext is helping various businesses across industries in offering a streamlined and personalized delivery experience. By choosing a route optimization software to focus on timely deliveries, you will also ultimately offer a better customer experience in numerous ways. The powerful blend of technology and innovation is meeting business needs and solving challenges without affecting the customer experience.

**Here's how LogiNext's Route Optimization and Planning has helped businesses in multiple ways:**

**28%** ↓

Reduction in  
Turnaround Time for  
Various Activities Like  
Loading & Unloading

**34%** ↓

Reduction in Delivery  
Times

**20%** ↑

Increase in Driver  
Productivity And  
Satisfaction

**45%** ↑

Increase in Timely  
Deliveries

**67%** ↑

Increase in Positive  
Customer Feedback

If you also wish to make the most of route optimization and uplift the standard of delivery services offered by your business, LogiNext can be a suitable fit for your business. The DIY platform offers user-friendly features that can help the dispatchers, shippers as well as customers in multiple ways. As the world is moving towards automation and faster deliveries, it is the right time to invest in a route scheduling software.



# About LogiNext

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LogiNext is a global technology firm that offers a SaaS based Delivery Automation Platform. The software helps brands across Food & Beverage, Courier, Express and Parcel, eCommerce & Retail and Transportation (3PLs, 4PLs, etc.) to digitize, optimize and automate deliveries across the supply chain.

Growing at an average rate of 120% YoY, LogiNext has 200+ enterprise clients in 50+ countries with headquarters in New York and regional offices in Mumbai, Jakarta, Delhi and Dubai.

The logistics technology firm is backed with \$49.5 million across three rounds of private equity investments by Tiger Global Management, Steadview Capital and Alibaba Group of companies.

Founded in: 2015

Headquarters: New Jersey, USA

Founder & Chief Executive Officer: Dhruvil Sanghvi

If you wish to get started with LogiNext, our team of experts will help you understand the product and how it can benefit your business.

**TALK TO AN EXPERT**

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LogiNext, 111 Town Square Place, Suite #1203, Jersey City, NJ 07310  
USA: 1 866 253 3268 | Singapore: 800 101 3078 | Indonesia: 001 803 016 0315 | UAE: 800 035 703540  
email: [contact@loginextsolutions.com](mailto:contact@loginextsolutions.com)