

DATA SHEET



# Vehicle Routing and Scheduling (VRS)

**Simplify high-volume, complex last-mile delivery with AI-driven planning, execution, and real-time visibility.**

Last-mile execution becomes complex as shipment volumes grow, delivery windows tighten, and fleets operate across diverse routes, vehicles, and service commitments. Manual planning, disconnected tools, and static routes increase cost per stop, reduce visibility, and limit the ability to respond to disruption. **Logistics leaders need a unified, data-driven way to plan, execute, and continuously optimize routes in real time, without adding operational overhead.**

## The solution

Vehicle Routing and Scheduling (VRS) is a unified, AI-driven platform for planning and executing last-mile deliveries. It enables fleet owners and logistics teams to automate route planning, optimize driver and vehicle utilization, and manage execution in real time, reducing manual effort and operational complexity.

VRS consolidates fragmented workflows, provides live tracking and exception management, and supports both automated and manual allocation for ad hoc shipments.

The result is lower cost per stop, improved service reliability, and a better customer experience, without adding more systems or operational overhead.

VRS fits into existing transportation and execution workflows and scales across high-volume operations. AI-driven optimization, real-time visibility, and digital workflows help teams reduce errors, improve on-time performance, and manage exceptions proactively throughout the delivery lifecycle.

## Key features

### Unified planning and execution platform



Plan, dispatch, and execute last-mile routes in one system without spreadsheets or manual handoffs.

### AI-driven route optimization



Automatically generate and continuously re-optimize routes based on real-world constraints and live data.

### Real-time visibility and exception management



Gain real-time operational visibility across the depot, yard, and delivery network and live visibility across drivers, vehicles, and stops with alerts, dashboards, and AI-driven risk detection.

### Driver mobile application



Access mobile support for turn-by-turn navigation, job sequencing, status updates, scanning, and electronic proof of delivery.

### Digital workflows and ePOD



Integrated driver and dispatcher workflows for seamless communication and replace paper-based processes with electronic Proof of Delivery (ePOD) to reduce errors, delays, and cost per stop.

### Customer engagement tools



Utilize predictive ETAs, notifications, and delivery visibility portals.

### Multi-mode route planning



Enable execution for last-mile, crossdock, and gatehouse operations.

### Mobile scanning



Access parcel sorting with real-time validation.



## The business impact

By standardizing last-mile planning and execution on a single, AI-driven platform, Vehicle Routing and Scheduling helps teams reduce operational overhead, improve delivery reliability, and respond faster when conditions change. The result is more predictable, cost-effective last-mile performance, supported by a high-availability, enterprise-grade solution that enables better visibility, faster decisions, fewer errors, and control across planning, execution, and customer experience.

### See VRS in action:

### Request a demo today

**Third-party Logistics Providers:** Would you like to see a unified, AI-powered approach to multi-client routing and execution? Reach out to our Logistics team for a product demo.

Request a **demo**

**High-volume Fleet Owners:** If you're interested in combining route optimization, real-time visibility, and execution management on a single platform, contact our Logistics team for a product demo.

Request a **demo**

## Key benefits

- Reduce manual planning and execution effort with a unified, AI-driven platform.
- Lower cost per stop through optimized routes and better driver and vehicle utilization.
- Improve on-time delivery and service reliability with predictive ETAs and real-time re-optimization.
- Strengthen compliance and reduce errors with digital workflows and real-time validation.
- Increase operational control with live tracking, alerts, and exception management.
- Scale reliably across high-volume last-mile operations with proven, enterprise-grade performance.



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