



STREAMLINER



THE SLOT BOOKING PLATFORM WITH INTEGRATED MULTI- STAKEHOLDER COLLABORATION

SAVE UP TO 200.000€ PER YEAR
ON ONE SINGLE WAREHOUSE

How to simplify your order follow-up and
optimise your reception and expedition
operations?

www.streamliner.cloud



Introduction

The supply chain landscape has undergone a profound digital transformation in recent years. Yet, hidden costs persist in the process from the moment orders are created in an ERP until they are physically processed by the warehouse, affecting the financial performance of organizations.

Experiences have shown that the end-to-end order follow-up and execution process costs 33€ per order. Streamliner can assist in reducing these hidden costs by 8€, presenting significant savings, up to 200.00€ per year for a single warehouse.

Traditional ERP, WMS, and TMS systems are champions within their silos, managing specific stages of your supply chain. However, they lack connections to your external partners, creating a fragmented picture and the need for alternative solutions.

These gaps are both technical and human:

- **Technical Disconnects:** Data gets lost as orders and shipments move through different systems owned by separate stakeholders. This lack of information at slot booking creates inefficiencies like warehouse reception imbalances and truck wait times.
- **Human Disconnects:** Collaboration relies on emails, phone calls, and document exchanges, creating blind spots and errors. It's parallel to your digital workflow, not integrated.

The next document explores how Streamliner bridges these gaps, offering a truly connected and efficient supply chain.



PART 1 : TARGET MARKET

One solution for different industries.

Streamliner's collaborative slot booking, yard access and inbound monitoring platform has been carefully crafted to cater to the demands of all businesses that operate large warehouses, generate orders to buy goods and expedite products, be it as a wholesaler, a logistics service provider, a manufacturer, or a retailer.

The ultimate aim remains constant: to amplify the efficiency of supply chain monitoring, reduce the staffing costs related to goods reception and expedition and avoid truck waiting time. Regardless of your industry, if you manage one or more large warehouses, Streamliner adeptly caters to your specific requirements and generates savings in these critical aspects.

Consequently, we have customers in different industries:

Wholesalers



Streamliner helps wholesalers manage inbound shipments from suppliers and outbound shipments to customers.

LSP



Streamliner acts as a central hub for LSPs to connect with their principals, i.e. the customer of the LSP, and the carriers.

Manufacturers



Manufacturers need a smooth flow of goods to succeed. Streamliner helps by tracking both incoming supplies and outgoing deliveries. It follows shipments from order dispatch, to slot booking and arrival at your warehouse, ensuring efficient inbound and outbound logistics.

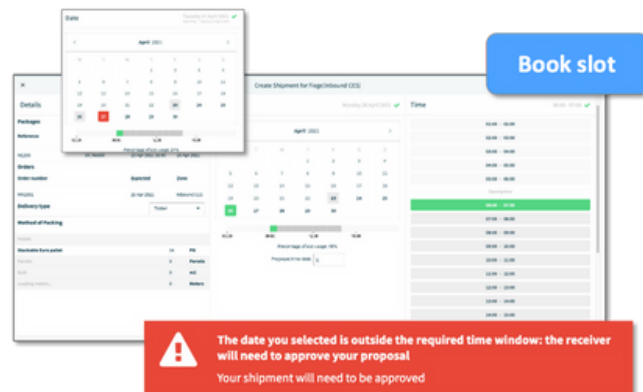
Retailers



For retailers, Streamliner helps to monitor inbound shipments from suppliers to the central warehouses of the retailer and to the individual shops.

Slot Booking & Yard Access

Streamliner's slot booking and yard access functionality empowers you to efficiently schedule and manage the allocation of time slots for a loading or unloading operation at any location in your network (a factory, warehouse, cross-dock center of store), and track in a real-time and collaborative way the execution of the operation. Streamliner helps prevent congestion, reduces waiting times, and optimizes the utilization of your resources and balances capacity.



Slot booking and yard access plays a crucial role in supply chain management for several reasons:

- By **designating time slots** for arrivals and departures based on the availability of resources, it minimises congestion, promoting smoother workflows.
- **Predictable schedules** aid planning for suppliers and receivers, while real-time tracking enhances visibility and informed decision-making.
- Workforce **efficiency** improves through accurate staffing based on schedules.
- Timely slot bookings ensure **on-time** product arrivals, vital for industries relying on timely deliveries.
- **Data-driven** insights highlight bottlenecks and cost-saving opportunities and improve SLA monitoring.

Altogether, slot booking reduces costs, enhances customer satisfaction, avoids truck waiting fines and drives operational improvements, while yard access automates the driver check and yard access. Drivers are guided to the right dock via SMS instructions, without the need for a costly kiosk.

Versatile Configuration

Streamliner is designed to seamlessly adjust to your configuration and organizational structure, avoiding costly setups and training:

- **Warehouse network mapping:** Build your digital warehouse structure across countries, sites, and warehouses.
- **Zone segmentation:** Divide warehouses into zones with dedicated gates for specific goods or activities.
- **Available resources:** Manage loading/unloading capacity by day, time, goods, and operation.

Self Service

Empower your supply chain stakeholders, i.e. suppliers, customers or carriers, to autonomously schedule their preferred time slots:

- **Autonomous scheduling:** Carriers pick slots themselves, and can even set recurring patterns.
- **Based on order information:** Streamliner uses order details to automatically assign appropriate slot lengths.
- **Based on availability:** Users only see available slots that match the resource capacity.

Transparency

Reporting is vital in supply chain management for transparency, accountability, performance tracking and data-driven decision-making:

- **Data collection:** Streamliner captures and analyses all booking data (arrivals, turnaround, resources)
- **Interactive Dashboard:** visual representation of resource allocations and usage patterns at a glance.
- **Informed decisions:** with insights based on data, not on emotions.



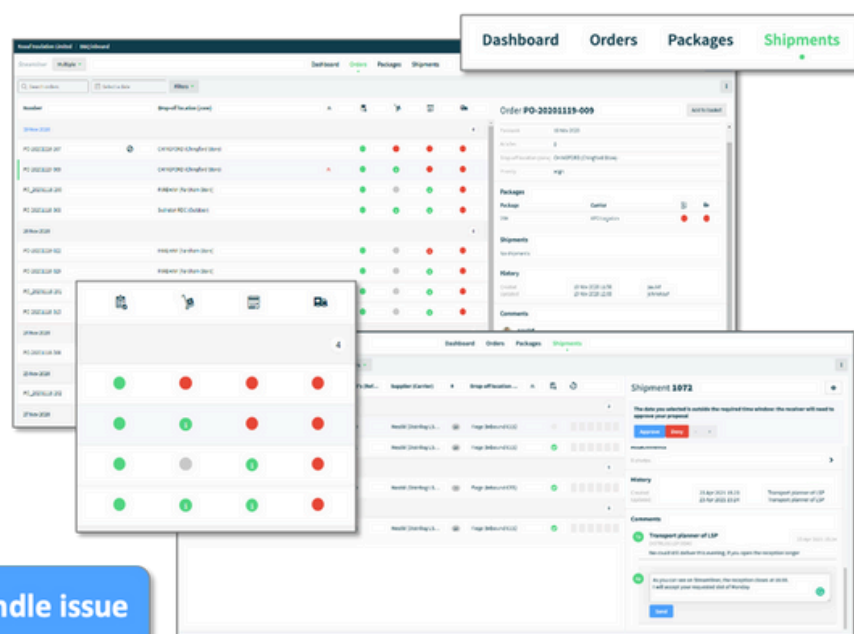
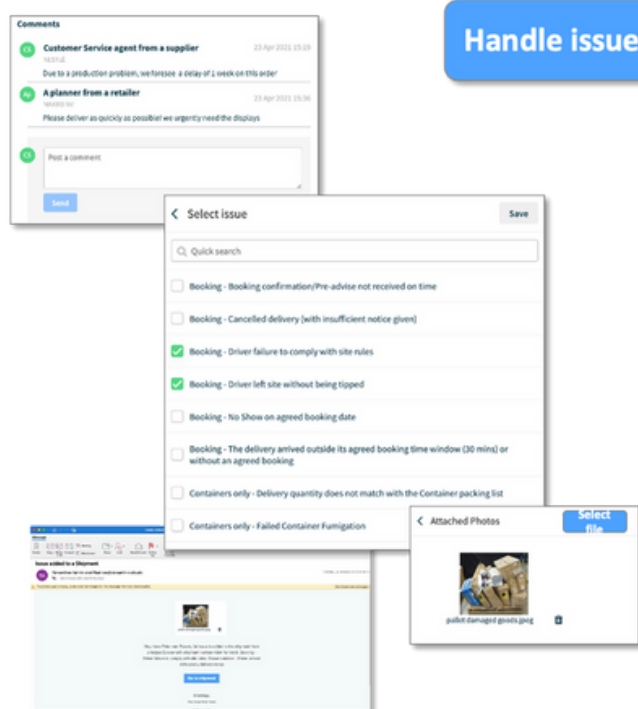
PART 2.2 : FUNCTIONAL BLOCKS

Inbound & Outbound Monitoring

Inbound and outbound monitoring presents a challenge due to its separation from the scope of the ERP, TMS or WMS systems. Whereas these systems are designed to manage processes within the 4 walls of a company, they are ill equipped to manage processes that cross company boundaries. The execution of an order or shipment is by nature cross-company process. This process largely relies on information from various stakeholders, including suppliers, carriers or customers, making it less digitalised, streamlined and prone to information gaps. Unlike other aspects managed by the internal IT systems, the dynamic nature of order monitoring requires constant coordination and communication to ensure the accurate tracking and management of the goods.

Streamliner's order monitoring offers vital benefits:

- **Visibility:** Tracks shipments comprehensively.
- **Exception Management:** Proactively tackles issues.
- **Downtime Reduction:** Swift issue resolution.
- **Customer Satisfaction:** Ensures timely deliveries.
- **Data Insights:** Identifies trends and bottlenecks.
- **Cost Efficiency:** Optimizes resources, cuts disruptions.



Life Cycle Tracking

Streamliner follows the life cycle of your orders and provides visibility into the status of your shipments as they move through the supply chain.

- **Automated notifications:** for milestones, delays, or issues, enabling proactive issue resolution.
- **Dashboards:** provide readily accessible visual representations of relevant metrics and key performance indicators to swiftly offer valuable insights.

Cross-Company Collaboration & Data Sharing

Collaboration is crucial in supply chain, be it for inbound and outbound monitoring, slot booking processes or yard access because these activities involve multiple stakeholders, such as suppliers, carriers, manufacturers, and customers. Effective collaboration ensures smooth communication, coordination, and decision-making among all parties involved. For instance, in inbound monitoring, suppliers need to provide accurate information about shipments, carriers need to schedule deliveries, and warehouses need to allocate resources. Collaboration helps streamline order fulfilment, enhance visibility, and optimise resource usage, ultimately leading to more efficient and cost-effective supply chain operations. Structured communication transforms information exchange into a powerful data source, unlocking insights and driving efficiencies.

Collaboration matters because:

- **Communication:** Unified and centralised improves clarity.
- **Coordination:** Real-time coordination boosts efficiency.
- **Insights:** Instant updates aid decisions and operations.
- **Resolution:** Alerts tackle issues quickly to the right person

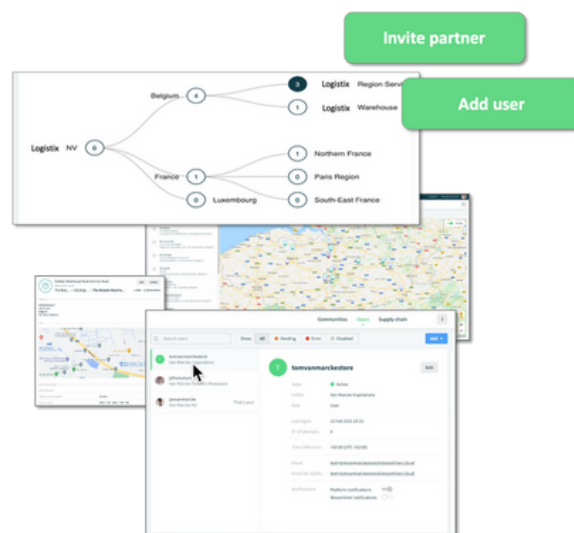
Collaboration with Streamliner leads to cost savings by streamlining communication, improving coordination, and reducing manual document exchange delays.

"Supply made Social"

Streamliner's motto, "Supply made social," reflects its focus on collaboration. It creates a social platform for supply chain partners to communicate, coordinate, and gain visibility, just like social media connects people.

Here's how it works:

- **Message Wall:** Broadcast important info (e.g. changed opening hours or roadwork nearby) to everyone.
- **Focused Chats:** Conversations are linked to specific orders/shipments, keeping info organized and reaching the right people.
- **Easy File Sharing:** Everyone can share relevant documents and photos (delivery notes, pictures of damages) for each shipment, which become part of the history trail.



Flexible community setup

Unlike rigid software that dictates workflows, Streamliner seamlessly adapts to your unique organization.

- **Effortless Setup:** Define your organization structure - countries, sites, warehouses - and invite your stakeholders (carriers, suppliers, customers, principals) to join the platform.
- **Empowered Partners:** Your partners manage their own users, ensuring their information stays current.
- **Granular Access Control:** All stakeholders control access for their users, assigning roles and permissions for optimal security. .
- **Personalized Experience:** Everyone can tailor Streamliner to their needs. Users can set personal preferences for language, notification settings, and data visualization to enhance their experience and efficiency.



PART 3 : HOW

Technology

SaaS

Streamliner stands as a cloud platform meticulously crafted by experts, for experts. It encompasses a comprehensive array of essential features, catering to the demands of efficient inbound and outbound monitoring, slot booking, and seamless collaboration with all key stakeholders across the supply chain. Rather than duplicate functionalities, it complements your ERP, WMS and TMS systems.

Open API

The Streamliner cloud platform provides users with a transparent and easily accessible view of their order status and location. This transparency is achieved through collaborative efforts, rather than complex system integration. Notably, Streamliner also offers seamless integration with your existing ERP, WMS and TMS systems. It's designed to smoothly integrate into any ERP, WMS or TMS system within a span of fewer than 10 days, facilitated by well-defined APIs.

Deployment

Our approach entails guiding you through the process of implementing the solution within a few reference sites. This ensures that the deployment process is seamless and hassle-free for both you and your stakeholders. Through these initial implementations, we will transfer all the necessary knowledge and skills to your internal team of experts so that they acquire the competence and autonomy to independently implement the solution across your network of warehouses, factories and/or stores.

OPEX, no CAPEX

Streamliner's subscription-based pricing model, with a minimal upfront investment and focus on improving operational efficiency results as an OPEX for your business.



Features of the Platform

<p>Collaborative monitoring</p> <p>The Streamliner platform seamlessly connects retailers, wholesalers, LSP and producers with their suppliers, customers and principals. It allows orders to be monitored and controlled across the network of warehouses, stores and factories, from the moment the order is validated in the ERP to the instant product delivery is completed.</p>	<p>Document sharing</p> <p>All parties, including your suppliers, customers, principals and carriers, can upload and share relevant documents and photos related to the operation. Examples include delivery notes and certificates of origin, or pictures of a damaged delivery.</p>	<p>Automatic notifications</p> <p>Stakeholders engaged in executing an order are automatically notified of relevant events concerning that operation.</p>
<p>Standardized issue management</p> <p>You can define a set of predefined issues to standardize the communication and reporting of deviations noticed during order delivery.</p>	<p>Dynamic length of the slots</p> <p>The length of the time slot is based on the size of the shipment, being the number of load carriers (pallets, parcels, etc..) and the productivity in the respective zones of the warehouses or stores.</p>	<p>Order and shipment centric</p> <p>All information linked to an order or shipment, including the automatic notifications, the corresponding documentation, and the chat messages between the concerned stakeholders can be retrieved easily using the corresponding order ID.</p>
<p>Yard access with SMS notifications</p> <p>Streamliner can be integrated with existing kiosk and barrier hardware to enable seamless access for drivers using SMS as the primary communication channel. Or you can opt to use Streamliner's own Yard Access module.</p>	<p>Message wall</p> <p>The built-in message wall and the smart chat function allow you to inform your suppliers, customers, principals and carriers, providing relevant information such as roadwork or events around the store or site that could impact traffic, health and safety instructions, and administrative formalities and forms.</p>	<p>Self-service slot booking</p> <p>You, your carriers or your suppliers can book a suitable time slot for delivery of a shipment at a specific location. Time slots can be reserved for specific carriers or suppliers, applying appropriate recurring patterns.</p>



Performance monitoring Performance of carriers and suppliers is automatically monitored and made available in clear dashboards. The information is also shared with them in real time.	Highly scalable Streamliner can be implemented across your global corporate and logistics network, considering local specifics but standardizing performance measurement across all sites. Reports can be drilled down from global to local.	Real-time logging and sharing of operational statuses All steps of the delivery of an order are logged and timestamped, and immediately visible to the people concerned.
Smart chat function You can discuss operations directly with your stakeholders without having to know their contact details.	Network effect Suppliers, principal, customers and carriers use a single company account to join any number of communities on Streamliner, facilitating deployment. With that account, they can manage their own users and their roles in the different communities.	Cloud The SaaS cloud architecture means that none of the participants need to make any IT hardware investment, allowing for fast deployment across any international network of suppliers and carriers.
Location guidance Carriers are guided to the right warehouse in your network. You can dynamically link your supplier, carriers and principals to one or more of your warehouses.	Managing claims and returns Claims and returns can be monitored and managed on the platform.	Warehouse network mapping You create digital twins of your warehouses, defining their capacities, zones, gates, opening hours, activities etcetera.
Allocating gates and directing drivers Each shipment is allocated to a gate. Registration of the driver at arrival is automated using a virtual kiosk. The driver is then directed to the allocated gate through instruction via automatic SMS messages.	Inbound and outbound capacity management You can easily define and modify the loading and unloading capacity of your warehouses across the week and within the day.	Driver information Carriers can add license plate, container number, trailer number, loading meters and driver details (name, ID, language and mobile number) during slot booking, facilitating secure yard access to the warehouse.

Benefits

Traditional ERP and WMS systems manage internal operations well, but they leave you blind once the order exits your warehouse. This critical external journey, handled by separate systems of your partners, creates a hidden cost nightmare. Disconnected communication through emails, phone calls, and EDI leads to scattered information and inefficiencies. Furthermore, orders often link to multiple shipments (backorders, splits), requiring manual effort to reconcile in systems not designed for this complexity.

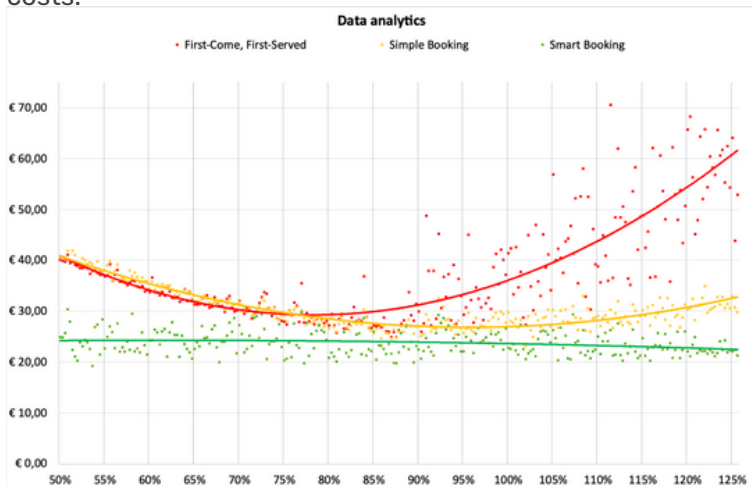
Streamliner bridges this gap by providing a collaborative platform that connects all stakeholders. This eliminates information silos, promoting smoother operations. At the heart of Streamliner's collaborative platform lies a powerful system for slot booking and yard access. As this process involves the different internal and external stakeholders (purchasing, suppliers, carriers, principal, customers, warehouse), it is a crucial functionality to optimize scheduling and thus dramatically reduce costs.

The direct benefits can be found hereunder:

Balanced Capacity Planning

Traditional slot booking systems only reserve a spot for the truck, similar to a basic restaurant reservation. They don't consider the size or complexity of the shipment (number of items, special handling needs). This lack of detail makes it difficult to allocate the right resources (workers, forklifts) at the warehouse, leading to inefficiencies and imbalances.

Streamliner acts like an advanced reservation system that considers the "order details" - the equivalent of your party size and menu selections at a restaurant. By understanding what's coming, Streamliner can efficiently guide carriers to the right moment in the day when the needed resources will be available, allocate resources and help warehouses adapt to fluctuating inbound traffic, smoothing out operations and reducing costs.



As illustrated, the decision not to book shipments proves to be the most expensive, with average total costs ranging from €30 to €60 per shipment. As warehouses fill up (over 80% capacity), the cost of not planning gets even worse.

Simple slot booking helps when capacity is low, but for busy warehouses (over 80% full), Streamliner smart booking is best. It cuts costs by 25% (down to €24 per shipment) and adapts to changing warehouse volumes.



Truck waiting time

Long truck queues cost everyone. Drivers are stuck idling, which hurts their wages and your reputation. You might even face fines for waiting hours and for missed deliveries. Streamliner's dynamic slot booking minimizes wait times and guarantees a ready dock for trucks arriving on time.

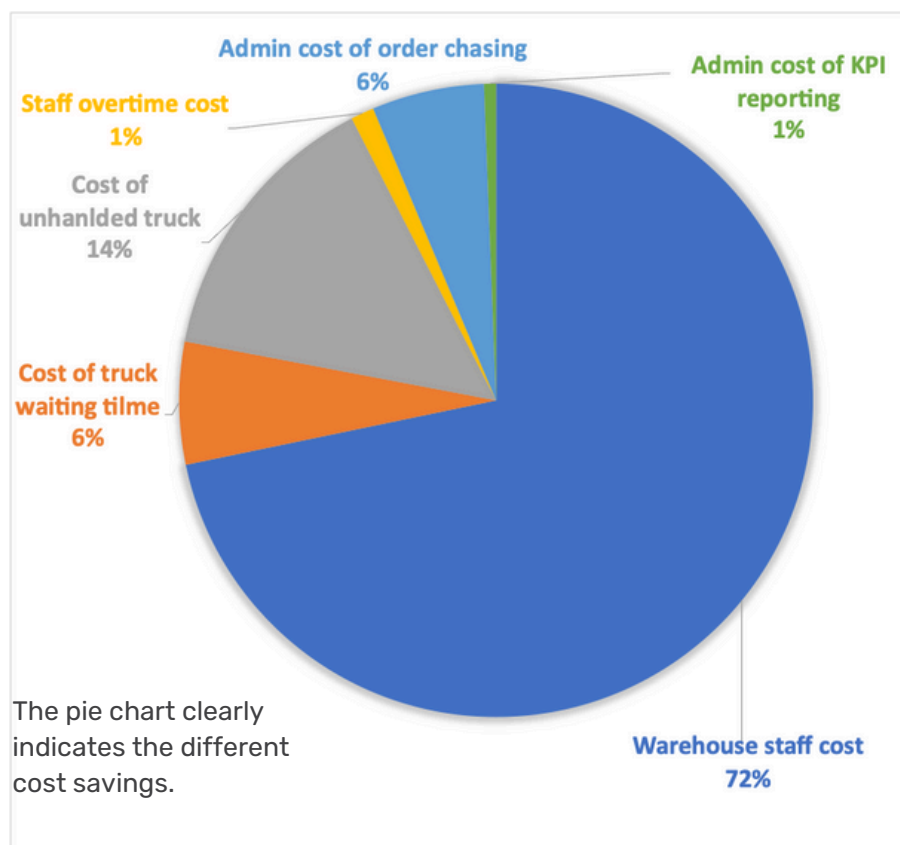
Collaboration

The absence of a clear link between shipments and their corresponding orders complicates issue resolution, making it time-consuming and complex.

	Shipment Forecast	Shipment Booked	Shipment Arrivals	Gate 1	Gate 2	Gate 3	Gate 4	Gate 5
09:00								
09:30	4		2	Shipment 1	Shipment 2			
10:00	6		5	Shipment 3	Shipment 2	Shipment 4	Shipment 5	Shipment 6
10:30	5		5	Shipment 7 (30 wait time)	Shipment 8	Shipment 9	Shipment 10	Shipment 6
11:00	1		3	Shipment 7	Shipment 8	Shipment 11 (30 wait time)	Shipment 12 (30 wait time)	Shipment 13
11:30	2		2	Shipment 14 (30 wait time)	Shipment 15 (30 wait time)	Shipment 16	Shipment 17	
12:00	2		2	Shipment 14	Shipment 16	Shipment 19		
12:30	1		1	Shipment 20	Shipment 18			
13:00			1	Shipment 20	Shipment 21			
13:30	6		3	Shipment 22	Shipment 21	Shipment 23	Shipment 24	
14:00	2		4	Shipment 22	Shipment 25	Shipment 26	Shipment 27	Shipment 28
14:30	5		3	Shipment 29	Shipment 25	Shipment 26	Shipment 30	Shipment 28
15:00	2		4	Shipment 31 (30 wait time)	Shipment 32	Shipment 33	Shipment 34	Shipment 35
15:30	6		4	Shipment 36	Shipment 32	Shipment 33	Shipment 37	Shipment 38
16:00	3		5	Shipment 39 (30 wait time)	Shipment 40	Shipment 41	Shipment 42	Shipment 43
16:30			1	Shipment 44 (30 wait time)	Shipment 40	Shipment 41	Shipment 42	Shipment 45
17:00	3		2	Shipment 44	Shipment 46	Shipment 47		Shipment 45
17:30	2		2	Shipment 48	Shipment 46	Shipment 47	Shipment 49	Shipment 50
			1	Shipment 48				

Documentation

Transport and certainly cross-border shipping involves a mountain of paperwork (origin certificates, etc.). Exchanging documents via email or drivers creates delays in receiving and processing them, impacting both delivery times and payments.





About Streamliner

Streamside is a company established by professionals in the fields of supply chain, SaaS, and social technology, with the objective of digitalising the manual inbound and outbound monitoring processes that are presently not integrated into your IT system.

Streamliner offers an intuitive SaaS platform that can be effortlessly implemented across your team as well as your internal and external stakeholders including suppliers, carriers, customers, and principals. This implementation enhances quality standards and promotes better collaboration.

Some Customer Quotes

"Improving quality at reception from 77% to 99%"

"Bottlenecks of trucks waiting at the yard almost disappeared"

"Partner assessment based on data, not on emotions"

"200.000 savings per year on one single warehouse"

The Facts

Connecting

+5000

COMPANIES ON THE PLATFORM

Used by

+9000

INDIVIDUAL USERS

Presence in

+85

COUNTRIES

In supply chain, ensuring customer satisfaction is of utmost importance.

Just as you are dedicated to delivering excellence to your customers, we are equally committed to providing excellence to you. We are proud to offer solutions that are not just meeting, but exceeding your expectations.

*Do not hesitate to visit us at **www.streamliner.cloud** or contact us at **info@streamliner.cloud** for a demo, analysis or more information.*



Kris Van Ransbeek
co-founder Streamliner