



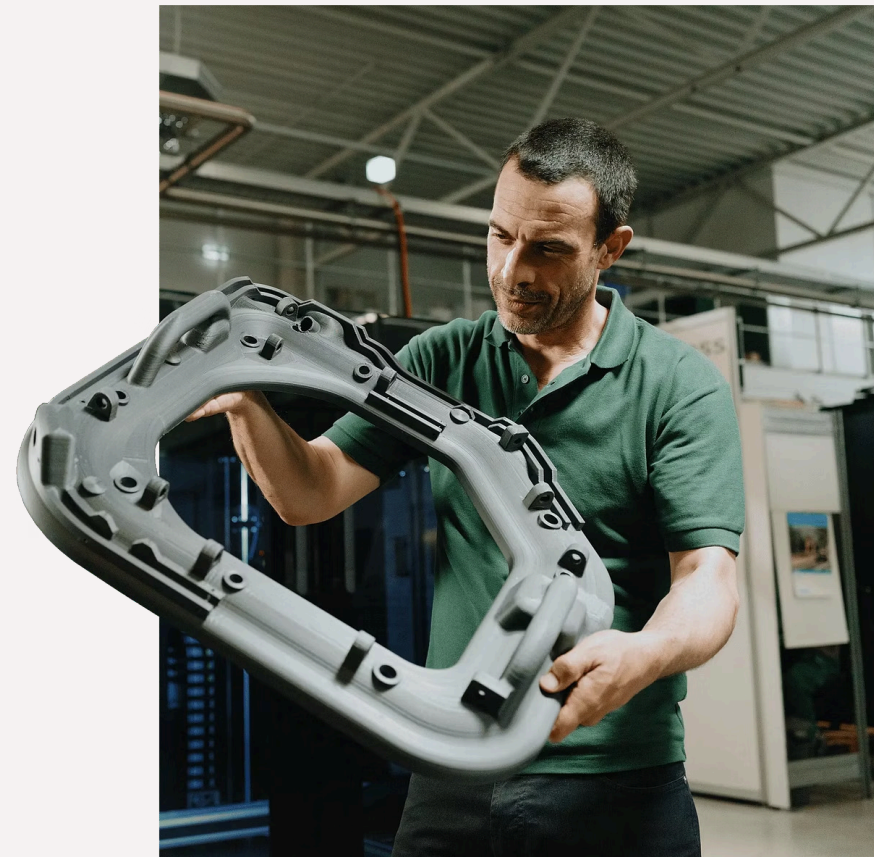
CASE STUDY

Scaling global 3D printing excellence through digital freight procurement

How a world-leading manufacturer of industrial 3D printers digitized its transportation purchasing and reclaimed hundreds of hours of work.

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BigRep – Pioneer of Industrial Large-Format 3D Printing

BigRep is a globally leading manufacturer of **large-format industrial 3D printers** headquartered in Berlin. The company enables engineers and product designers around the world to move from rapid prototyping to serial production faster and more cost-effectively than ever before.

BigRep's machines are among the most powerful in their class. Accordingly, the requirements for their global distribution are highly complex. BigRep printers are delivered to customers on every continent by **air, sea, and land transport**. Transport is therefore not a secondary back-office process, but a critical link in the value chain and a direct factor in **customer satisfaction and competitiveness**.

With a growing **global customer base**, the volume of daily transport requests increased continuously, making a professional, scalable system indispensable.

Oyaso helps BigRep optimize their global transportation: **sourcing times** for freight quotes are reduced, **time-to-market** for new printers is shortened through faster transport allocation, and transport costs decrease through automated quote comparison. In doing so, BigRep also contributes to **CO₂ reduction for their customers** – because anyone operating a BigRep printer locally produces locally instead of shipping globally.

Company Profile

- **Headquarters:** Berlin, Germany
- **Industry:** Industrial additive manufacturing
- **Transport routes:** Air, sea, land – worldwide
- **Product:** Large-format industrial printers

THE CHALLENGE

Fragmented processes slowed growth

Like many fast-growing industrial companies, BigRep faced a classic scaling challenge: the logistics team managed a **high volume of spot-market requests** through fragmented email threads and Excel spreadsheets — functional, but not optimal.

Lack of transparency

Quotes from different freight forwarders were spread across separate email threads. A direct, structured comparison was hardly possible. Decisions were often based on incomplete information.

Manual extra effort

Each request had to be individually drafted, sent, and tracked. Reminders, status updates, and quote evaluations tied up valuable team capacity.

Limited strategic overview

Without a central dashboard, it was difficult to aggregate KPIs or draw historical comparisons. As a result, strategic optimizations could only be implemented to a limited extent in practice.

Volatile market conditions

The combination of volatile market conditions and manual processes limited planning certainty for BigRep's supply chain. There was only limited room to respond agilely to fluctuations in capacity and prices.

Digital transport awarding – fast, simple, clear

BigRep uses Oyaso as a central platform for transport awarding. Instead of sending requests individually by email and comparing offers manually in Excel, the entire process runs digitally – from request to award of contract.



Central request management

All carrier partners are requested simultaneously through a single interface. This makes the process simple, as manual sending and lost threads are eliminated.



Automated offer comparison

Incoming offers are standardized in real time and made directly comparable. This gives BigRep an immediate, well-founded overview to efficiently evaluate freight costs, delivery times, and the reliability of the transport chain.



Process automation

Automatic reminders and complete documentation of every process step ensure auditability and full traceability. The workflows are therefore simple and clear.



Data-driven insights

A comprehensive performance dashboard tracks KPIs and identifies savings potential. All key information is displayed clearly – without manual analysis or external calculations.

PLATFORM HIGHLIGHTS

One platform. All modes of transport. Full control.

Multimodal coverage

Whether it's urgent airfreight components for an express order or sea freight containers for the standard shipping of BigRep printers, the platform brings together **all transport types in a single view**. The team no longer has to switch between systems, contacts, or data formats.

Standardizing complex price structures

Weight and volume ratios, tiered pricing, surcharges—the system turns the heterogeneous quotes from different service providers into **uniform, instantly comparable cost items**. What used to take hours now takes minutes.



CUSTOMER TESTIMONIAL

The Difference Oyaso Makes

"With Excel and email, it was more time-consuming to request and compare quotes. Now I can focus on working with our service providers and on more important tasks."

— **Guido Fritze, Logistics Manager at BigRep**

What Guido Fritze describes is not an isolated case: logistics managers in industrial growth companies spend a significant part of their working time on administrative coordination.

Software shifts the focus: instead of data entry, email follow-ups, and manual evaluation, the emphasis is on **relationship management, negotiation, and strategic network optimization**. That is the real value of digitalization.

Guido Fritze

Logistics Manager at BigRep GmbH, Berlin

Responsible for global shipping management of industrial large-format 3D printers across all continents.

RESULTS & ROI

The Impact in Numbers – Annual Overview

The performance data from the BigRep account demonstrate measurable **digital ROI** and clearly underline the efficiency gains in the global logistics network.

249

Processes

Managed smoothly by a lean team of just 3 users – without any loss of quality.

200

Hours saved

Saved per year through automated processes and digital transport allocation.

-22%

Transport costs

Through automated quote comparison and optimized route selection.

>107,000

Savings

In process and transport costs per year through more efficient workflows and better rates.

From Reactive Task to Strategic Competitive Advantage

Before

Manual emails and
fragmented Excel

Implementation

Oyaso: digital platform
and automation

After

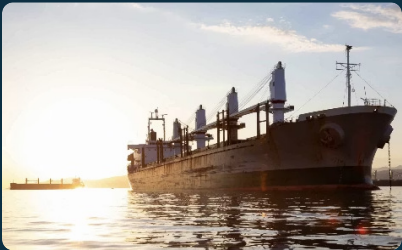
Strategic partnerships
and transparency

The introduction of Oyaso marks the turning point at BigRep: transport procurement is no longer reactive administrative work, but a strategic lever. The platform makes the process fast, simple, and transparent. Sourcing times are reduced, transport costs are optimized – and by getting its printers to customers worldwide faster, BigRep enables them to produce parts locally instead of shipping them globally: a direct, measurable contribution to reducing CO₂.

WHY SOFTWARE?

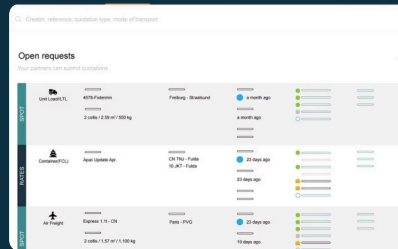
Specialized for the requirements of the manufacturing industry

Industrial companies like BigRep do not need generic logistics software; they need a solution that truly understands the complexity of **mechanical engineering, project cargo, and multimodal transport**. Oyaso was developed exactly for that.



Multimodal flexibility

Air freight, sea freight, and land transport — all modes are bundled in a single, clear platform. This avoids system changes, data loss, and time delays.

A screenshot of the Oyaso software interface. The main heading is 'Open requests'. Below it, there is a table with columns for 'Request ID', 'Status', 'Request Type', 'Request Date', and 'Request Details'. The table contains three rows of data, each representing a different request. The first row is for 'User Request 1', the second for 'Company Request 1', and the third for 'User Request 2'. Each row has a status indicator (a blue circle with a white checkmark) and a 'Request Date' column with a date and time. The interface is clean and modern, with a white background and blue accents.

Standardization of complex data

Different weight and volume ratios as well as tiered pricing are automatically converted into standardized cost items. Comparability is created immediately, without manual rework.



Strengthening partner relationships

Oyaso does not replace human contact — it strengthens it. A simplified quoting process increases service providers' commitment and noticeably improves service quality.

ABOUT OYASO

Ready to transform your transport procurement?

Oyaso is a leading digital platform for **transport management**. We help medium-sized and large industrial companies fully digitize their transport procurement, sustainably reduce manual effort, and gain full transparency over their global freight spend.

What BigRep achieved – **over 200 hours saved, 22% lower transport costs, and six-figure savings** – is no coincidence, but the result of a structured digital process. That process is available to your company too.



Multimodal transport platform



Automated quote comparison



Real-time performance dashboard



Specialized in industrial transport procurement

Try Oyaso for your specific needs – free and without obligation.

[Try for free now](#)

[Request a demo](#)