

Cell and Gene Therapy Logistics



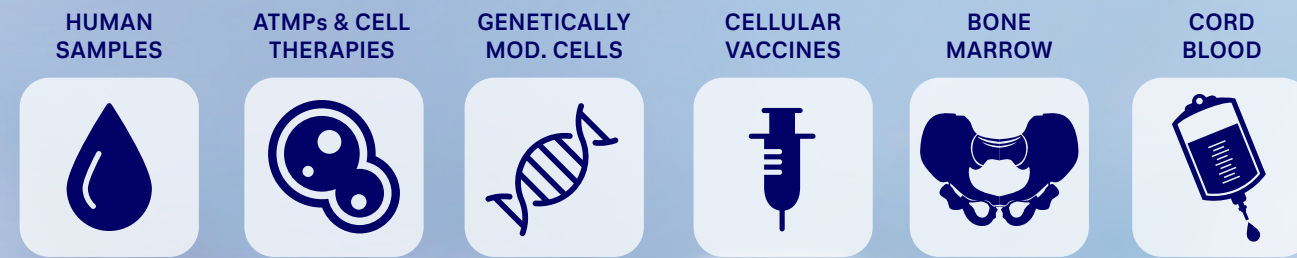
maximum control
over the entire supply chain

Your Experts for global White Glove Logistics
Solutions and Tailored Vein-to-Vein Supply Chains

time:matters

time:matters – PERSONALIZED THERAPIES
MEET CUSTOMIZED LOGISTICS SOLUTIONS

PRECIOUS COMMODITIES



! DO NOT X-RAY
! DO NOT TILT



UNIQUE GDP COMPLIANT NETWORK SHORT TRANSPORT TIMES CONTINUOUS MONITORING & TRACKING FULL CONTROL PAST AIRPORT BORDERS CONSIDERATION OF SPECIAL REQUIREMENTS COLD CHAIN PACKAGING

CUSTOMIZED LOGISTICS SOLUTIONS



time:matters – YOUR PARTNER FOR
CELL AND GENE THERAPY LOGISTICS

Robust, agile supply chains for ATMPs

The increasing number of advanced therapies for various hereditary and acquired diseases entering the market is transforming the demands on robust, agile and patient-centric supply chains.

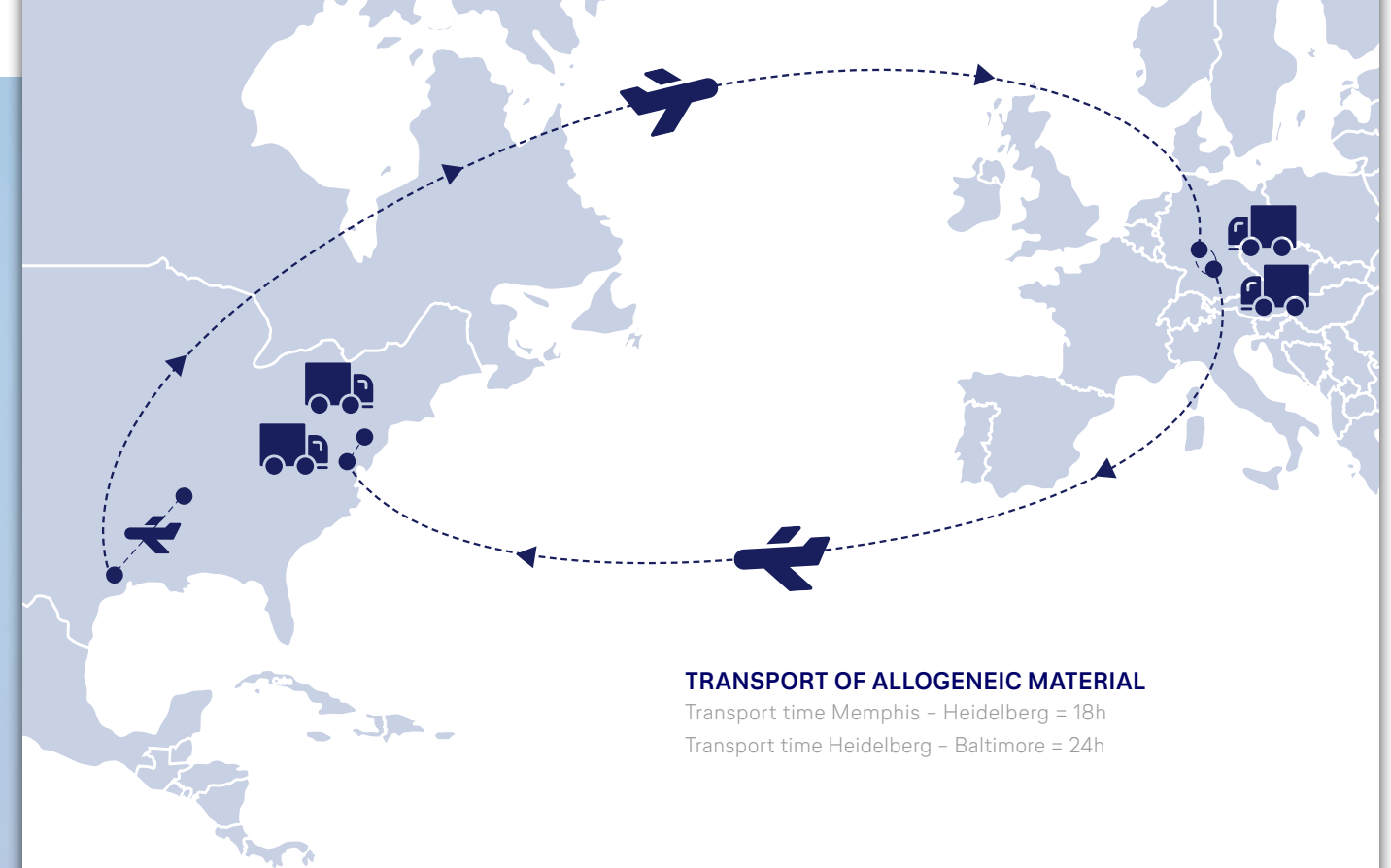
Vein-to-vein logistics are as **individual** as patients' diseases and therapies in terms of lead time, temperature control and X-ray and shock sensitivity; it also has a high impact on the success of clinical trials and product commercialization. Based on individual requirements, we can build a more efficient and patient-centric supply chain. We **differ significantly from conventional pharma supply chains**. By carefully evaluating all stakeholders within a single treatment cycle, it is possible to establish **scalable logistics** that remain stable after **products are commercialized**.

Air transport is one of the most critical links in the supply chain of ATMPs. **Smooth handling before, during and directly after flights has a direct impact on the availability, integrity and quality** of the starting material or final product.

To minimize risks and **maximize control** over all **time- and temperature-sensitive** shipments, we control the entire supply chain with GDP-compliant handling and courier partners even beyond airport borders. Our **experienced staff** achieve this by actively monitoring and physically supervising loading at the apron area.

Furthermore, partnerships with multiple airlines, preferential access to the Lufthansa Group network and an exclusive cooperation agreement with Deutsche Bahn form a unique global network.

time:matters – PATIENT-CENTRIC SUPPLY CHAIN FROM APHERESIS TO TREATMENT



TRANSPORT OF ALLOGENEIC MATERIAL

Transport time Memphis – Heidelberg = 18h

Transport time Heidelberg – Baltimore = 24h

time:matters – CELL AND GENE THERAPY: COMPREHENSIVE SERVICE FROM DOOR TO DOOR

We are **Experts in high performance and special speed logistics** as well as customized supply chain solutions. With 24/7 service 365 days a year, we take good care of your cell and gene therapy product en route to patients.

- Consulting on best apheresis time for specific locations to ensure efficient transport and the integrity of the starting material
- Dense GDP-compliant network includes remote clinical site locations, even for materials with limited shelf times
- Qualified dry shipper; other conditioned packaging (-196°C to +25°C) supplied
- Prompt pickups by qualified courier

- Exclusive shipment handling beyond airport borders by our own experienced staff
- Guaranteed capacity on the aircraft, highest loading priority
- Transparent transport process and physical control over shipments
- Contingency plan in case of irregularities
- Upright loading guarantee in flight
- 'Do not X-ray' process for irradiation-sensitive products
- Seamless chain of custody and chain of identity

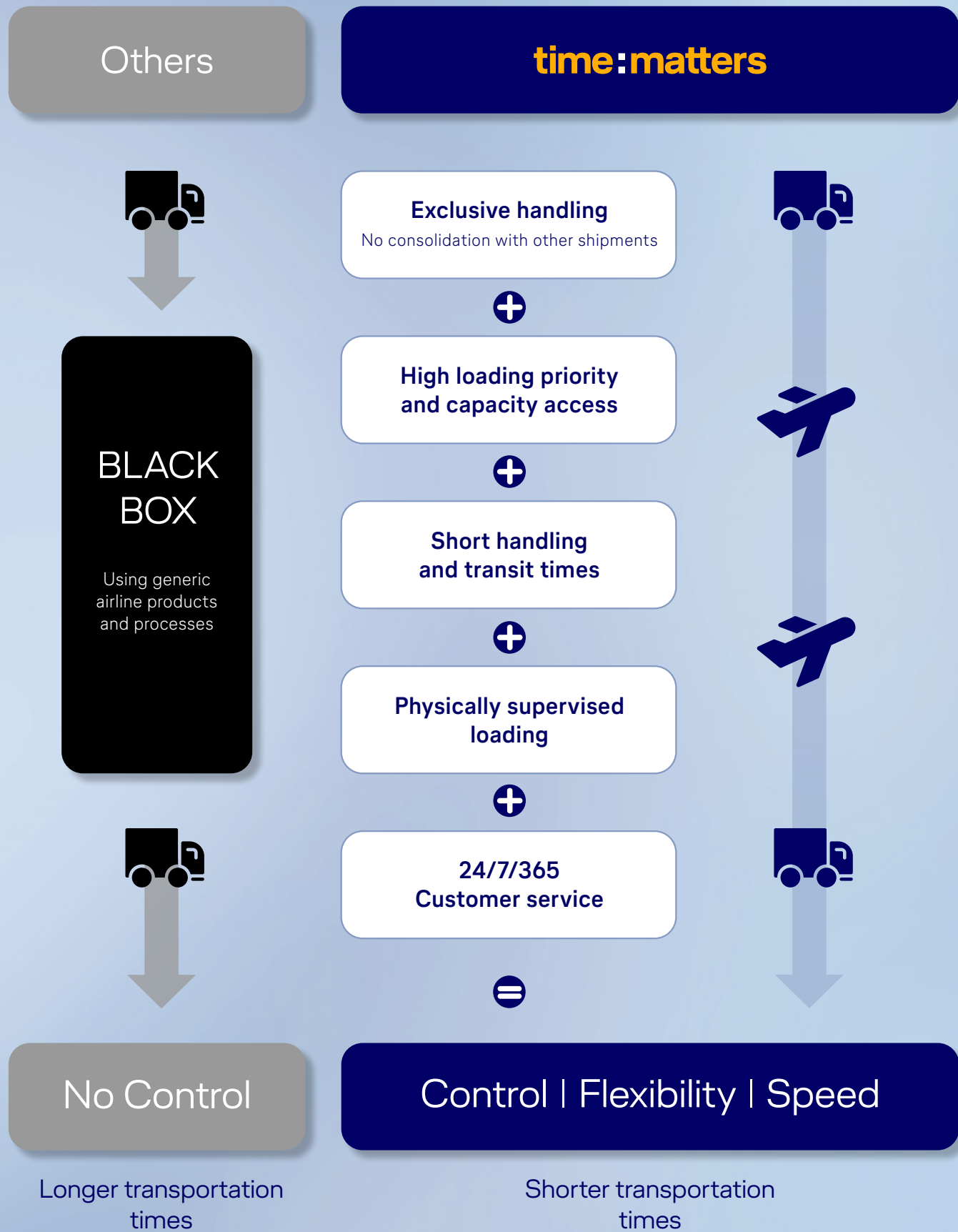
- Fast delivery times to manufacturing sites and on to hospitals
- Fast return of the final therapy product to the patient
- Return flow of packaging materials

YOUR ADVANTAGE:



Prevention of temperature excursions by agile, multimodal supply chain
Establish your vein-to-vein cycle while retaining full control

time:matters – CUSTOMIZED SOLUTIONS:
VEIN-TO-VEIN



time:matters – WHEN FLEXIBILITY, CONTROL AND SPEED ARE ESSENTIAL

Why conform to a rigid, predefined logistical infrastructure when you can tailor a supply chain to your patients' exact needs?

Provision of a global network combined with maximum speed and reliability extends the radius for centralized manufacturing sites and patient treatment.

Whether during clinical trials or after product commercialization, it pays to work with time:matters – your global experts in special speed logistics.

YOUR NEEDS:

Add scalability / flexibility	Retain control	Speed up vein-to-vein process
<ul style="list-style-type: none"> Access to critical capacities as patient numbers grow Fast response times even for urgent patients 	<ul style="list-style-type: none"> Guaranteed upright loading of dry shipper Physical monitoring of each shipment 	<ul style="list-style-type: none"> Reduce transport times to just a few hours Maintain the best quality of fresh cells

YOUR ADVANTAGE:

time:matters White Glove Logistics Solutions and Tailored Vein-to-Vein Supply Chains

HIGH PERFORMANCE VEIN-TO-VEIN TRANSPORT SOLUTIONS WITH MAXIMUM CONTROL FOR ATMPs

Experience

- Development of customized transport solutions for highly sensitive and urgent products – worldwide
- Customized cold-chain packaging and set-up for clinical trials and commercial products
- Transport of passively cooled products from ambient to cryogenic (+25°C to -196°C)
- Zero error tolerance

Network and Speed

- Comprehensive GDP-compliant partner network, including pickup, delivery, and customs clearance
- Direct contact with apron staff, partner airlines, and local authorities
- Short transport and transit times

Reliability

- Continuous monitoring of individual shipments, proactive notifications and tracking
- Documentation and temperature analysis for quality assurance purposes
- Contingency plan in case of irregularities
- Short response times from order acceptance to pickup and delivery

Service

- 24/7 availability for acceptance and booking of time-critical shipping orders
- Provision of temperature-controlled packaging

Quality/Certifications

- IATA certificate
- ISO 9001:2015
- ISO 14001:2015
- QMS according to CAPA (corrective and preventive action)

24/7 booking and service:

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