



PHARMASERV LOGISTICS



EXPERTS FOR BIOLOGICS



PIONEERS IN PRODUCTION LOGISTICS



SOLUTIONS

Holistic pharma logistics solutions for blood products, insulin and vaccines - a company presentation by Pharmaserv Logistics

Temperature-controlled exports and warehousing

System-integrated production supply

Wholesale with laboratory consumables

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We are part of a strong group

Owners of Infrareal Holding GmbH & Co. KG:

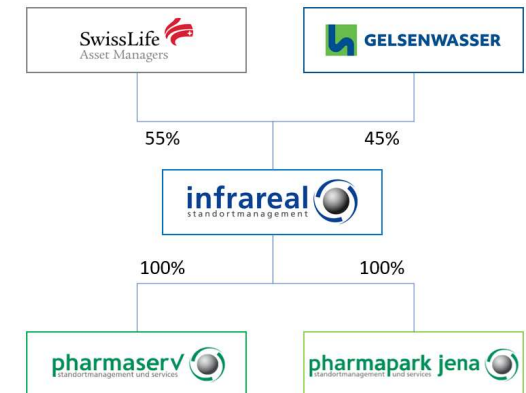
- Swiss Life Asset Management AG (55%)
- Gelsenwasser AG (45%)

Infrareal Holding GmbH & Co. KG:

- Owner of Pharmaserv GmbH and Pharmapark Jena GmbH
- The aim is to take over the sites of attractive pharmaceutical and industrial parks in order to provide long-term growth prospects and security.
- www.infrareal.de

Pharmaserv GmbH:

- Owner and operator of Behringwerke site in Marburg
- Managing Directors: Dr. Martin Egger, Peter Michael Weimar
- Business units: site management, engineering and pharmaceutical logistics
- www.pharmaserv.de





PHARMASERV LOGISTICS | FOCUS AND EXPERTISE



Experts for biologics

Pharmaserv Logistics, a brand of Pharmaserv GmbH:

- www.pharmaserv-logistics.com

Focus:

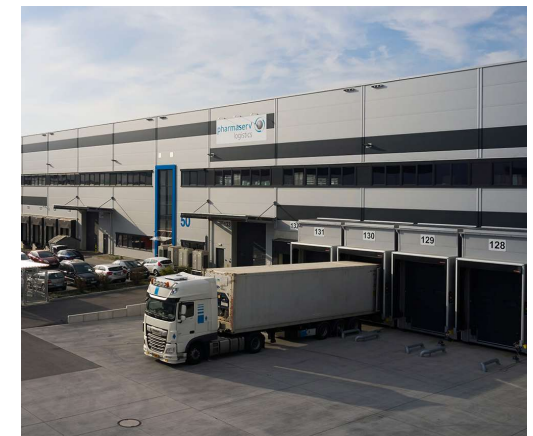
- Logistics for biologics (blood products, vaccines and insulins)
- Lead Logistics Provider offering modular contract logistics
 - ✓ Temperature-controlled exports and warehousing
 - ✓ System-integrated production supply
 - ✓ Wholesale with laboratory consumables

Branches:

- Marburg (headquarters and several warehouses)
- Gross-Gerau (pharma distribution centre and airfreight hub)
- Giessen (pharma warehouse with 3 temperature zones)

Expertise:

- More than 15 years of experience in pharmaceutical and biotech logistics
- Experts: industrial engineers, logistics graduates, certified foremen, freight forwarders, primarily experts in warehouse logistics





PHARMASERV LOGISTICS | REFERENCES



Our references (excerpt)

CSL Behring
Biotherapies for Life™

 **Biotest**
From Nature for Life

BIONTECH

 **valneva**

 **gsk** do more
feel better
live longer

SIEMENS
Healthineers 

 **NOVARTIS**

 **BECKMAN
COULTER**

 **BSV**
BioScience GmbH

 **CorMedix™**
Europe GmbH

 **karma**
Pharmatech GmbH

 **EVONIK**
POWER TO CREATE



Quality is Our Norm

- Pharmaserv Logistics is certified in compliance with ISO 9001, ISO 14001 and ISO 45001.
- Our warehousing services comply with good manufacturing practice (GMP).
- Our transport services comply with good distribution practice (GDP).
- The German Federal Aviation Office (LBA) has certified us as a "regulated agent" for the secure dispatch of airfreight.
- Certified as „Authorised Economic Operator“ (AEO) for customs and security.





PHARMASERV LOGISTICS | OUR EXPERTS

Our dedicated staff makes the difference





SOLUTIONS | AT A GLANCE



The Core Products



SYSTEM-INTEGRATED PRODUCTION SUPPLY

GMP production logistics

- Storage of pharmaceutical raw materials
- Storage of production supplies
- Sampling in clean room conditions
- Own biology laboratory technicians
- Unpacking & waste management
- Picking according manufacturing order
- Direct delivery to the production line



WHOLESALE OF LABORATORY SUPPLIES, DISPOSABLE CLOTHING, ETC.

Pharmaserv-Shop.de

- Laboratory & production supplies
- Personal protective equipment
- Professional & disposable clothing
- Cleaning agents & disinfectants
- Thermal packaging (GDP)
- Consignment Store with App
- Catalogue export possible



TEMPERATURE-CONTROLLED EXPORT AND STORAGE

Lead logistics provider

- GMP compliant storage
- Airfreight & seafreight handling
- Rollerbed for actively cooled containers
- Different passive packaging solutions
- X-ray under controlled conditions
- Complete Transport Management
- Real time monitoring solutions

Holistic pharma logistics solutions for blood products, insulin and vaccines



SOLUTIONS | AT A GLANCE



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SOLUTIONS | SYSTEM-INTEGRATED PRODUCTION SUPPLY



GMP Production Logistics (1/2)

Production logistics reconceptualized – with Pharmaserv Logistics:

Stream production accessories:

- Reconciliation and storage of your production accessories
- Picking, unpacking of outer packaging, labeling and packing for transportation
- Just-in-time delivery to the production line





SOLUTIONS | SYSTEM-INTEGRATED PRODUCTION SUPPLY



GMP Production Logistics (2/2)

Sample taking in cleanroom conditions:

Stream raw materials:

- Reconciliation and storage of your pharmaceutical raw materials
- Sample taking under clean room conditions
- own biology lab technicians





SOLUTIONS | AT A GLANCE



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SOLUTIONS | WHOLESALE WITH LABORATORY CONSUMABLES

Pharmaserv-Shop.de



The Pharmaserv shop is your opportunity for efficient and cost-effective procurement of your laboratory supplies, disposable clothing and more:

	LABORATORY SUPPLIES
	CLEANROOM CLOTHING
	CLEANING AGENTS AND DISINFECTANTS
	PERSONAL PROTECTIVE EQUIPMENT (PPE) & WORKWEAR
	PH ELECTRODES
	GDP PACKAGING

- Catalog integration in various tendering platforms possible
- Consignment warehouse in your premise



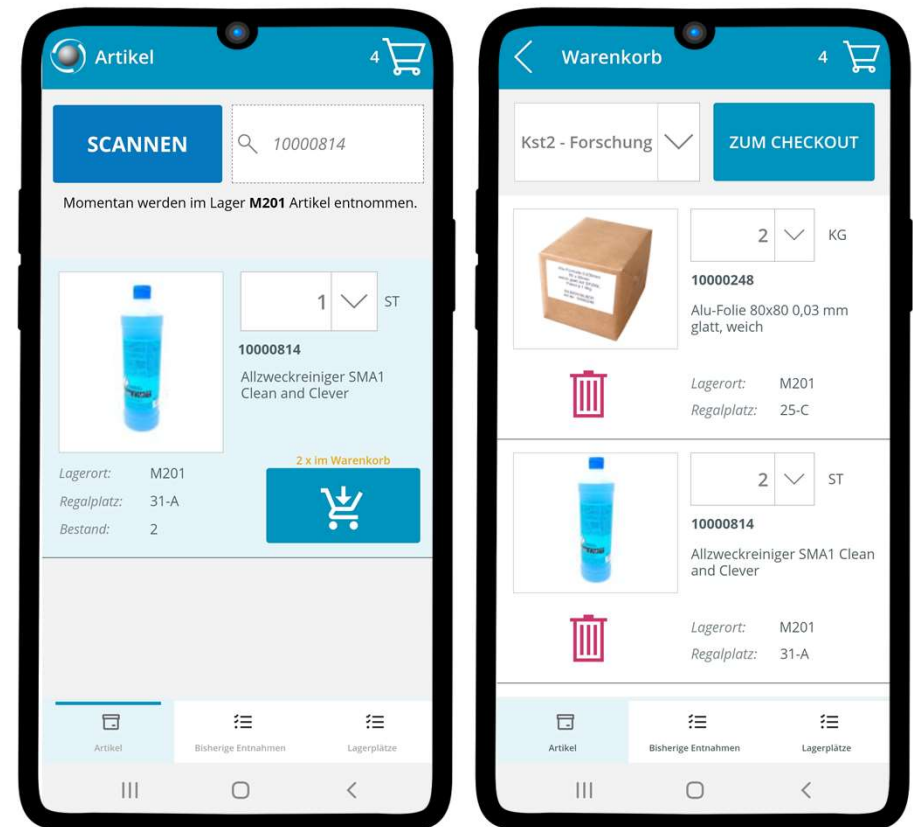


SOLUTIONS | WHOLESALE WITH LABORATORY CONSUMABLES



Consignment Store App

- Keep your consumables supply chain simple
- Fully integrated in your Office 365 environment (no extra accounts needed)
- Native modern app on iOS, Android and Windows to automatically register stock withdrawals
- Use your phone camera to scan the shelf or select the needed product
- Integrated features such as stock discrepancies notifications and stock relocation requests



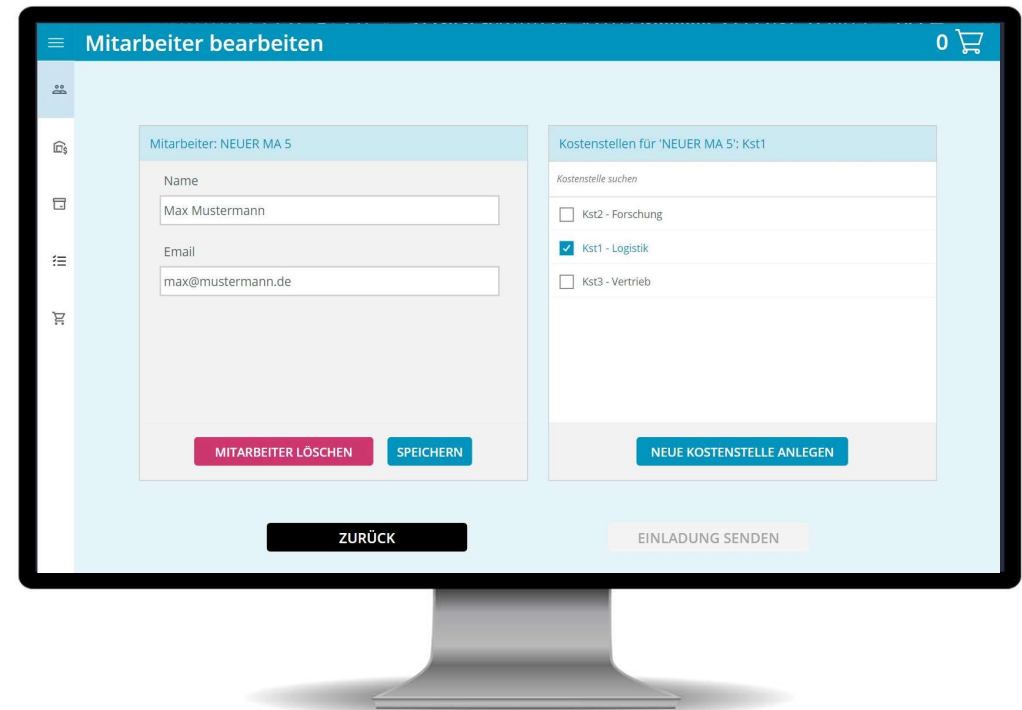


SOLUTIONS | WHOLESALE WITH LABORATORY CONSUMABLES



Consignment Store App for Admins

- Keep it smart for your admins
- Separate management app
- Full control over adding Active Directory employees
- Integrate your cost centers
- Overview of all withdrawals
- Create Reports
- All functions within the employee app are included as well





SOLUTIONS | AT A GLANCE



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SOLUTIONS | TEMPERATURE-CONTROLLED EXPORTS AND STORAGE



Warehousing

- Qualified GMP storage at +2°C to +8°C and +15°C to +25°C
- Single-batch storage including batch tracking
- Temperature and humidity monitoring incl. alarm chain
- Redundant cooling and air-conditioning
- Validated WMS, with interface to customer if required
- Pest Control
- Qualified, experienced GMP warehouse specialists





SOLUTIONS | TEMPERATURE-CONTROLLED EXPORTS AND STORAGE



X-ray under GMP conditions

- X-ray control of **unsafe freight** in the +15°C to +25°C storage area of our GDP warehouse in Gross-Gerau
- Very short distance from / to the +2°C to +8°C area
- <2 min. x-raying and transportation time per pallet





SOLUTIONS | TEMPERATURE-CONTROLLED EXPORTS AND STORAGE



Airfreight handling

- Qualified packages for passive dispatch from various suppliers
- Roller tracks in the warehouse for the handling with active cooling solutions, e.g. Envirotainer or Opticooler
- Airfreight rate optimization due to packing data simulation
- X-ray control of unsafe freight in the +15°C to +25°C storage area of our GDP warehouse in Gross-Gerau with very short distance from / to the +2°C to +8°C area





SOLUTIONS | TEMPERATURE-CONTROLLED EXPORTS AND STORAGE



Passive packaging

- Various types of passive packaging and pre-conditioned cool packs of different manufacturer always available
- From 10 liter up to 2 pallets
- Advice on the selection of packaging solutions
- Identification of alternative, more economical packaging
- Packaging ordered via online shop or during delivery process
- Assistance with packaging qualification





SOLUTIONS | TEMPERATURE-CONTROLLED EXPORTS AND STORAGE



Pharma transports

Transport Management from one source

- GDP compliant FTL and LTL transport solutions
- With qualified own trucks and qualified sub contractors
- Disposition and order management
- Tender Management and freight audit
- Access to an international network of audited freight forwarders with over 1,000 fully qualified trailers and Vans
- Flexibility through multi-modal distribution solutions
- Compliance thanks to GDP-compliant processes and documentation
- Possibility to have an independent monitoring in place





SOLUTIONS | TEMPERATURE-CONTROLLED EXPORTS AND STORAGE



Seafreight handling

- Proven, reliable, more CO²-friendly than air freight and it enables significant cost savings
- Comprehensive seafreight handling by one partner
- Access to several seafreight forwarders
- Organization of logistic processes to and/or from sea port
- Safe reefer stuffing (20" and 40") with efficient load securing system





SOLUTIONS | TEMPERATURE-CONTROLLED EXPORTS AND STORAGE



Customs clearance

- Safe handling through constant updating of customs knowledge
- Customs professionals available as needed
- Export and import handling via ATLAS
- Supplier declaration management
- Permit and authority management
- AEO (Authorized Economic Operator)





SOLUTIONS | TEMPERATURE-CONTROLLED EXPORTS AND STORAGE



Secondary packaging

- Secondary packaging as per §13 AMG (German Medicinal Act)
- Especially for smaller batch sizes
- Comprehensive logistic services from one source
- GMP-compliant manufacturing documents
- Enables postponement concepts





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SOLUTIONS

Extensive certification that meets the most stringent demands

Innovative solutions from a single source

Efficiency meets experience

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