



You like improving lives.

abc **pharma** for all your healthcare shipments



IOSA Registered Operator



Member





We love being part of your mission to heal.

Innovative solutions that deliver.



At AirBridgeCargo, we understand your mission to help people live longer, happier and healthier lives. We are experts when it comes to transporting temperature-sensitive pharmaceuticals and life-saving medical equipment across the globe. From vaccines, laboratory equipment, MRI/ MRT machines to blood samples and beyond: AirBridgeCargo is your partner with an in-depth knowledge of the healthcare and pharmaceutical industry. When a cool chain has to span across continents, you can count on our cargo experts and modern freighter fleet to make it happen. Always. Worldwide.



Logistics solutions based on your needs:



- Dedicated, highly skilled staff trained in handling healthcare products
- Boeing 747-8 and 747-400 with three compartments enabling different temperature settings from 4°C to 29°C



- Full compliance with IATA TCR and CEIV certified
- Exact temperature monitoring from acceptance to delivery



- Special packaging solutions and thermal blankets for palletized shipments
- Customer service support, online track&trace option for all shipments
- High-tech pharma hub at Moscow Sheremetyevo International Airport with effective connections to deliver cargo worldwide



- Tailor-made logistics solutions based on your individual requirements
- QEP Envirotainer accredited network of ABC stations



- Adoption of the latest digital technologies (Sky Fresh for automated notifications, temperature data loggers to monitor temperature conditions, etc)



- Sophisticated, cohesive and forward-thinking approach based on peer learning and networking through industry-related initiatives - Pharma.Aero, Pharma Gateway Amsterdam (PGA) and others

AirBridgeCargo operates one of the youngest freighter fleets in the air cargo industry, consisting of 18 state-of-the-art Boeing aircraft.

Our freighter fleet offers pharma customers multiple benefits:

- Three independently selectable temperature zones
- Selectable target temperature range from 4°C to 29°C for each cargo compartment
- Independent temperature control between main deck, FWD lower deck, and AFT lower deck
- Fast temperature pull down times after takeoff
- 'GoGreen' strategy – low levels of CO₂ emissions
- State-of-the-art widebody aircraft in the air cargo industry

A pharma hub that redefines what's possible

AirBridgeCargo's Moscow hub at Sheremetyevo airport features brand new equipment in each warehouse, allowing for an efficient and seamless handling of healthcare goods.

Thanks to our SVO Moscow hub, we can offer the following benefits:

- 70,300m² of total warehouse space and 2 GHA warehouses
- Dedicated pharmaceutical warehouse with temperature control area from -25°C to +25°C
- Enhanced security measures with 24/7 surveillance
- First automated cargo handling system in Russia with 3D cargo handling on several levels
- New temperature control rooms with web access monitoring systems available to ABC staff and customers
- 99,98% safety index, TAPA certified





You like knowing you're in qualified hands.

Our abc pharma product was developed to offer customers the best possible logistics solutions in the air cargo industry and to deliver healthcare cargo shipments anywhere they need to be. AirBridgeCargo takes great pride in an individualized approach to customer service, allowing us to offer innovative cargo practices tailored to the specific needs of each customer.

More than just offering a safe and reliable transportation of healthcare shipments, we are continuously working on improving our services and keeping up with the demands of one of the fastest-growing industries in the entire world. Ultimately, it is our goal to not only meet but exceed the expectations of our customers.

The best solution for your healthcare cargo: abc pharma

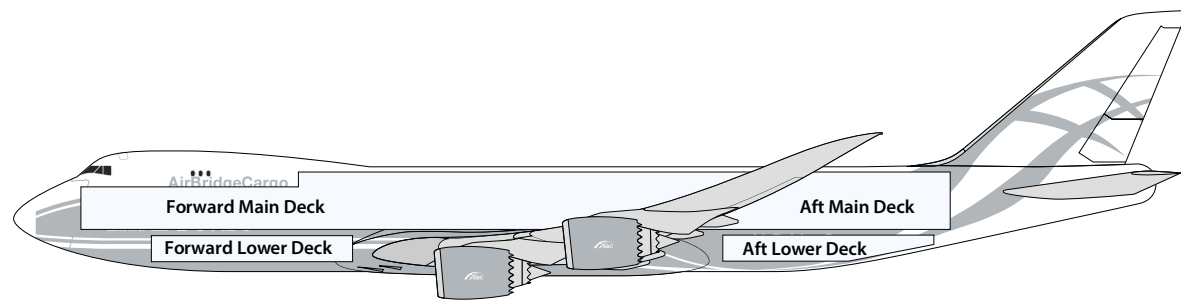
AirBridgeCargo offers different types of comprehensive solutions for temperature-sensitive cargo, using active and passive containers.

Furthermore, ABC offers the following specialized services for healthcare shipments:

abc pharma Active is the solution for time and temperature sensitive pharmaceutical products that need to be shipped in active containers. A variety of containers is used to keep healthcare goods as protected as possible, including dry ice technologies. Goods shipped are kept at a constant temperature throughout the entire cargo journey. Use of active containers mitigates risks for ambient temperature influence on healthcare products.

abc pharma Passive is a solution for prepackaged pharmaceutical products. Within required temperature ranges and by seasonal consideration of routes, healthcare goods are shipped efficiently and effectively.

BECAUSE YOUR MISSION MATTERS TO US.



AirBridgeCargo utilizes the following containers to offer optimal healthcare cargo solutions:

SPECIFICATIONS	abc PHARMA ACTIVE	abc PHARMA PASSIVE
Active Control Containers*	+	-
B747-400 / B747-8 with 3 independently controlled temperature zones	+	+
High priority for booking and cargo loading	+	+
Thermal blankets	-	On request
SOP with Customers**	On request	On request
Special supervision	+	On request
Temperature monitoring during freight transportation chain	+	On request
Dedicated and qualified airline personnel	+	+
Route network	Active containers approved	On request

* - Envirotainer containers + cSafe containers + Dokasch containers

** - Standard Operational Procedures

Additional services are available on request, please contact: pharma@airbridgecargo.com

HEAT AND COOL CONTAINERS

HEAT AND COOL CONTAINERS



ENVIROTAINER E1 (RKN)
Refrigerated container
0°C/+20°C

HEAT AND COOL CONTAINERS



ENVIROTAINER E2 (RAP)
Refrigerated container
0°C/+25°C

HEAT AND COOL CONTAINERS



C-SAFE (RKN)
Refrigerated container
+4°C/+25°C

HEAT AND COOL CONTAINERS



C-SAFE (RAP)
Refrigerated container
-30°C/+54°C

HEAT AND COOL CONTAINERS



DOKASCH (RKN)
Refrigerated container
+2°C/+30°C

HEAT AND COOL CONTAINERS



DOKASCH (RAP)
Refrigerated container
+2°C/+30°C

REFRIGERATED CONTAINERS

REFRIGERATED CONTAINERS



ENVIROTAINER (RKN)
Refrigerated container
-20°C/+20°C

REFRIGERATED CONTAINERS



ENVIROTAINER (RAP)
Refrigerated container
-20°C/+20°C

PASSIVE CONTAINERS

PASSIVE CONTAINERS



VA-Q-TAINER XLx
Passive container
-70°C/+25°C

PASSIVE CONTAINERS



VA-Q-TAINER TWINx
Passive container
-70°C/+25°C



You like knowing the possibilities are endless.

abc pharma NETWORK

Connecting customers to the world's largest cargo markets



You like reaching new heights.

AirBridgeCargo (ABC) is the leading all-cargo carrier in Russia and operates among the top ten international cargo airlines worldwide.

- More than 14 years of consecutive growth
- Effective connectivity options through hub in Moscow and 48-hour delivery time
- 1,300 cargo professionals worldwide
- Customized logistics solutions for transportation of general and special cargo
- State-of-the-art Boeing 747 fleet
- Member of Cool Chain Association

- Logistics solutions, complemented by extensive network of ABC interline partners and trucking companies worldwide
- IATA and IOSA certified, full compliance with all international/internal safety guidelines and quality standards (Cargo IQ)
- Qualified and certified team of logistics practitioners for transportation of general and special cargoes
- 24/7 Control Tower (CT) to guarantee smooth operations of special cargoes transportations



CONTROL TOWER



AirBridgeCargo Airlines has established a new 24/7/365 Control Tower (CT) operation to monitor special cargo and to proactively respond to service disruptions to ensure it consistently meets customers' delivery deadlines. Managed by a team of fully trained supply chain specialists and based in Moscow, HQ the Control Tower provides:

- Real-time, round-the-clock monitoring of all cargo movements throughout the entire transportation process across ABC's network
- Checkup of ABC's fleet technical condition (temperature control system, cargo handling system readiness)
- Schedule alignment and control for priority delivery of special cargo
- Communication with ABC specialists from different departments and customers in case of deviations for prompt response
- Cargo status updates and reports
- CT personnel availability 24/7 via e-mail, skype or direct phone line

GET IN TOUCH WITH US

Fedor Novikov
Global Director, Pharma
P: +7 495 786 2613 - 1344
M: +7 909 641 2073
pharma@airbridgecargo.com
fedor.novikov@airbridgecargo.com

Yulia Celetaria,
Global Customer Service Director, Pharma
P: +49 6963 8097 - 255
M: +49 173 217 4264
yulia.celetaria@airbridgecargo.com

APAC
Mary Wong,
Regional Pharma Manager, APAC
P: +852 2215 3033, M: +852 6498 3833
mary.wong@airbridgecargo.com

EUROPE
Yulia Celetaria,
Regional Pharma Manager, Europe
P: +49 6963 8097 - 255
M: +49 173 217 4264
yulia.celetaria@airbridgecargo.com

Christoph Honermann,
Global Sales Director, Pharma
P: +49 5971 9470 - 020
M: +49 1525 4924 195
christoph.honermann@airbridgecargo.com

Kirill Tsarkov,
Global Operations Pharma Manager
P: +7 495 786 26 13 - 3774
kirill.tsarkov@airbridgecargo.com

RUSSIA
Darina Bernovskaya,
Regional Pharma Manager, Russia
P: +7 495 786 26 13 - 3604
M: +7 905 798 38 51
darina.bernovskaya@airbridgecargo.com

AMERICA
Daniel Newman,
Regional Pharma Manager, Americas
P: +1 469 629 0478
M: +1 817 908 9760
dan.newman@airbridgecargo.com