



**You like improving lives.**

abc PHARMA for all your healthcare shipments



We love being part of your mission to heal.



You like 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.

AirBridgeCargo operates one of the youngest freighter fleets in the air cargo industry, consisting of 17 state-of-the-art Boeing aircraft. The tenth latest-generation Boeing 747-8F was delivered in April, 2017.

**Our freighter fleet offers pharma customers multiple benefits:**

- Three independently selectable temperature zones
- Selectable target temperature range from 4°C to 20°C for each cargo compartment
- Independent temperature control between main deck and lower deck
- Fast temperature pull down times after takeoff
- 'GoGreen' strategy – low levels of CO<sub>2</sub> emissions
- The most modern 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:**

- 20,000m<sup>2</sup> of total warehouse space and 3 GHA warehouses
- Dedicated pharmaceutical warehouse with temperature control area from -30°C to +10°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



**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 PCR Chapter 17 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







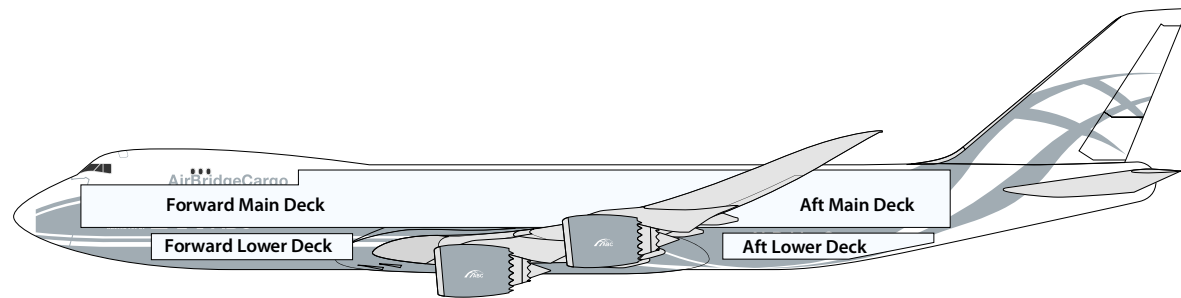
You like knowing you're in qualified hands.

The best solution for your healthcare cargo: abc PHARMA

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.

BECAUSE YOUR MISSION MATTERS TO US.



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

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.

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](mailto:pharma@airbridgecargo.com)

HEAT AND COOL CONTAINERS



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



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



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



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



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

REFRIGERATED CONTAINERS



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



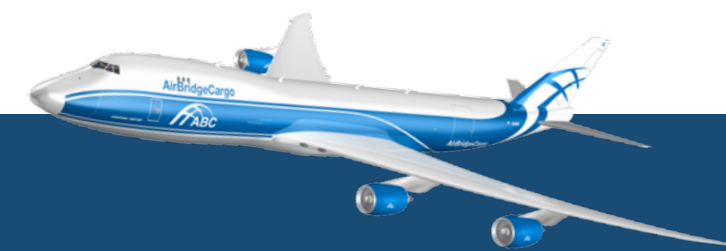
**ENVIROTAINER (RAP)**  
Refrigerated container  
-20°C/+20°C



You like knowing the possibilities are endless.

# abc PHARMA NETWORK

Connecting customers to the world's largest cargo markets



CEIV certified stations



CEIV certification is planned



Active containers



## You like reaching new heights.

AirBridgeCargo Airlines (ABC) was launched in 2004 as a part of Volga-Dnepr Group to perform internationally scheduled cargo services.

- More than 12 years of consecutive growth
- Customized cargo solutions tailored to the needs of each customer
- Leading all-cargo carrier in Russia
- Leader in the transportation of special cargo
- Online track&trace service for ABC customers
- Up to 40 destinations worldwide
- Network is complemented by trucking services
- High-end hub at Moscow Sheremetyevo International Airport
- 900 cargo professionals worldwide
- State-of-the-art Boeing 747 fleet, including ten new generation Boeing 747-8F aircraft, allowing for low levels of CO<sub>2</sub> emissions
- IATA and IOSA certified, full compliance with all international and internal safety guidelines

### GET IN TOUCH WITH US

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