



SHEREMETYEVO AIRPORT TERMINAL 3

THE MOST MODERN AIRPORT IN RUSSIA

Looking into the future

Sheremetyevo Airport is the major Russian airport and also a hub for the passenger operations of the Russian international airline Aeroflot. Sheremetyevo-2, built for the Olympic Games of 1980 used to be the most famous airport in Russia, because nearly every foreign traveller walked through its doors. At the moment Terminal 3 is being built and the rest of the airport is undergoing a rapid reconstruction. After the completion in the end of 2009 Terminal 3 will serve more than 9 million passengers a year.

The baggage handling system for Sheremetyevo Terminal 3 consists of two fully separated systems, one for international and one for domestic passengers.

In total there are 116 check-in positions and 8 arrival TRIPLANAR carousels available as well as a special check-in for transfer passengers from international to domestic flights and vice versa.

The system is equipped with 100% Hold Baggage Screening and has a fully automated early bag store for long term and short term bags.

Sorting bags to flights is performed by a HELIXORTER, a Vanderlande Industries patented tilt tray sorter with a closed deck and a complete back-up system.

The Vanderlande VIBES process control software suite integrates the operational management with the BHS. It offers a flexible end-to-end solution to master all the aspects of real time operational control, sortation (SAC), security and customs screening, monitoring and optimisation of the baggage handling processes including a fully integrated security check where the passenger's bag security status is checked after reading the boarding card.



"Vanderlande Industries provided the best technical solution, cost and time ratio" Kirill Budaev, General Director Terminal



Baggage Handling



PROJECT FACTS & FIGURES

SHEREMETYEVO AIRPORT T3

MOSCOW, RUSSIA



Contract

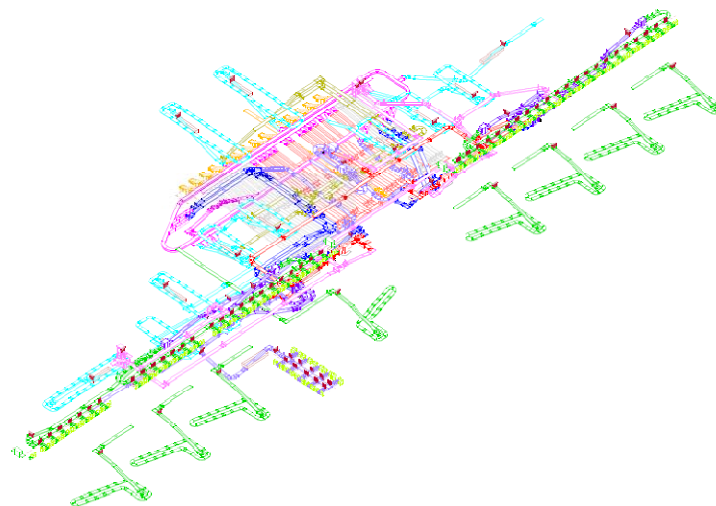
Project milestones	Order date	June 2006
	Operation date	November 2007
Project organisation	Vanderlande Industries as a main contractor for the baggage handling system	

www.svo3.ru
www.sheremetyevo-airport.ru

IATA code: SVO
ICAO Code: UUEE

System

Capacity (bph)	> 5.600
Sorting	VERTISORTERS and HELIXORTER
Check-in	116
Transfer	10 domestic, 10 International
Make-up	10 flat TRIPLANAR carousels
Reclaim	8 flat TRIPLANAR carousels
Identification	Barcode reading and RFID
Early Bag Storage	600 bags
Controls	VIBES.SAC & SCADA
Screening	6 x L1, 20 x L2, 2 x L3
Out Of Gauge	Separate Out Of Gauge line for departure



BAGGAGE HANDLING SYSTEMS

www.vanderlande.com