

Russian Airline Flies to New Business Heights

Transaero Airlines deploys Cisco technologies as key part of development strategy to stay ahead of market growth rates.

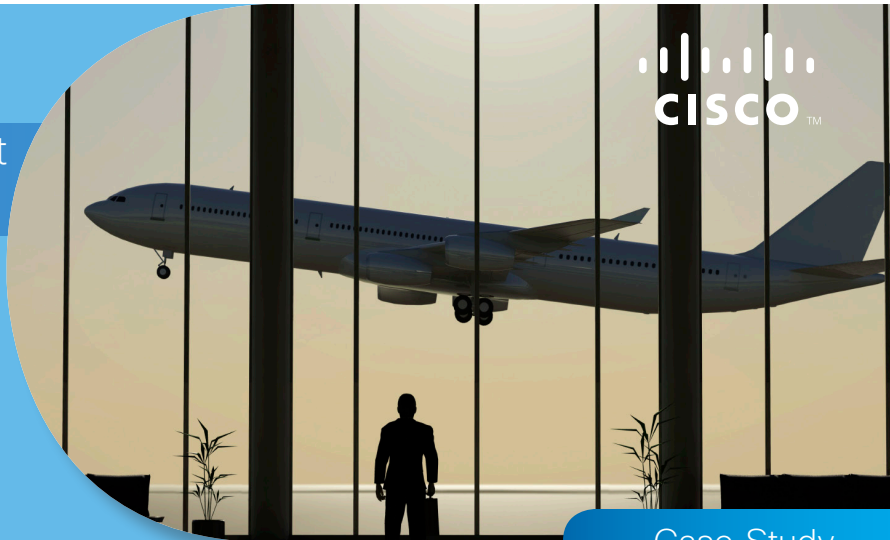
Customer Name: Transaero Airlines

Industry: Transport

Location: Moscow, Russia

Business Impact

- Optimized communications across multiple sites, with full staff mobility
- No loss of data and communications during major power outage
- Record business results for first nine months of 2011



Case Study

Business Challenge

Transaero Airlines has a history of “firsts” in Russia. It was the country’s first private airline, first to operate Boeing airliners, first with a frequent flyer program, and first to introduce e-ticketing and online check-in. Today it has 73 aircraft, flying 130 routes across Russia, Europe, Asia, the Americas, and Africa, and is ranked among the top-ten safest major airlines in the world.

In 2010, Transaero set out to modernize its entire information and communication technology (ICT) network infrastructure to create scalable communications that would help it stay ahead of increased competition. The solution needed to optimize the flow of information between Transaero’s divisions across multiple locations, provide secure user access to network resources, and connect safely with external systems.

Transaero’s strategic program had three main aims: to build an infrastructure for interaction between ICT subsystems; enable wireless connection for Transaero workers; and provide employee telephone communication services. Cisco was chosen to create a converged network that would offer both superior functionality and the benefits of virtualization.

Solution and Results

The new solution is based on the design principles of a Cisco® Borderless Network. A new cable infrastructure at Transaero’s operational base in Domodedovo Airport, Moscow, was the basis for a LAN with more than 1000 ports. A wireless LAN, extending across six floors of the building uses Cisco 4400 Series Wireless LAN Controllers, with a Cisco Wireless Control System managing all wireless connections securely and enabling configuration of network devices and access rights from a single console. Automated failover gives employees and customers uninterrupted access to IT resources.

At remote sites, Cisco Catalyst® 6500 Series Switches were installed, with a Cisco Virtual Switching System providing a total carrying capacity of 1.4 Tbit/sec. Virtualization increases fault tolerance and maintains service accessibility, even during a major power cut that occurred in December 2010.

The collaboration architecture of Cisco Unified Communications provides secure access to all communication tools at any point of connection. Cisco Unified Communication Manager enables a range of client terminals at employee workstations, with flexible telephone, voicemail, email, and

video services, while wireless has extended new efficiencies to Transaero’s mobile workers.



For More Information

To find out more about Cisco Borderless Networks, please visit: www.cisco.com/go/borderless