



For your success
through our
worldwide
experiences

Aviation Consultants Ehmanns offers successful management and business consulting for airports and airlines. Aviation Consultant Ehmanns has extensive knowledge and experience in the following fields:

- **Big event airport operation**
- **Improvements of infrastructure and operation at RUSSIAN airports incl. optimization of the organizational structure**
- **Master Planning**
- **Simulation and planning** of passengers, cargo and aircraft related operations and airport simulations on noise reducing issues
- **Calculation** of forecast data for airports and airlines
- **Optimization** of operational processes and infrastructure at airports and airlines
- **NLA operation, Hub operation, Ground operation**
- **Environment strategies** for airports and airlines
- **Optimization** of economic effects from a region to an airport and vv., including economic aid from the respective authorities

Big event project consultancy

- Setup of a concept and a strategy for the big event operation at your airport
- Calculation of the demands for the infrastructure, staff and equipment
- Development of a so called Big Event Budget and Big Event Business Plan
- Development of the project schedule
- Schedule for necessary improvements of the infrastructure
- Training of the fulltime and part-time staff (as well as training of volunteers – if necessary)
- Purchase or rental schedule for equipment
- Project Management before, during and after the big event operation

Improvements and optimization of an airport's organizational structure

For the optimization of your passenger, aircraft, cargo, airfield and airport operation and administration we offer:

Preparation phase:

1st month:

Collect, review and evaluate the existing data and organizational chart for improvements and optimization according best practise operations (IATA Ground Handling) but according to the Russian laws, rules, decrees etc.

2nd month:

Draw up a draft report for improvements and optimizations. This includes also a suggestion where additional training for the staff will help to reach the improvements and optimizations. Discussion with the airport management on the final solution for improvements and optimizations.

3rd month:

Agreement on the implementation for reaching the goals of the improvements and optimizations and preparation for the second phase.

Implementation phase:

4th month

Introduction, explanation and implementation in the effected departments. Kick off of working groups in the effected departments to prepare and introduce the changes. If necessary, setting up of training courses.

5th month

Monitoring of the changes and if necessary adjustments. Ongoing training if necessary.

6th month

Monitoring of the changes and if necessary adjustments. Ongoing training if necessary. Discussion with the airport management for final adjustments.

Final report

Project experience and references

Russia (2007 – 2009)

Project Manager as a subcontractor to Hochtief Airport GmbH for some jobs at Russian airports:

→ **St. Petersburg**

International Architectural Competition for the new terminal

→ **Moscow**

Feasibility Study for SVO-4

→ **Tyumen**

Feasibility Study, Master Plan incl. new terminal plans for Roshino Airport,

→ **Omsk**

Feasibility Study for a new airport

→ **Volgograd**

Feasibility Study for improvements at the airport

→ **Airports of the South** (now Basel Aero) **Krasnodar, Sochi, Anapa, Gelendzhik:** Feasibility Studies, Master Plans.

Airport Sochi presentation for the Olympic Committee in the frame of the Sochi bid for the Olympic Games 2014

Beside these projects, **Aviation Consultants Ehmanns** executed the following projects on its own:

→ **Basel Aero, Sochi**

Putting the New Terminal at Sochi Airport into Operation

Optimize and introduction of a new and more efficient organizational chart

→ **Tyumen**

Design study for the existing terminal renovation and extension and optimization of the organizational chart

3 other airports projects in Russia who would like not to be named

Project experience and references of other projects around the world

→ **International Airport Cologne, Germany**

- Planning and handling for 6 weeks in addition to the existing traffic (5 mill./year) 65% of the 15 millions passengers per year traffic from International Airport Duesseldorf when the fire disaster happened in April 1996
- 40% increase of the apron capacity by developing a new parking layout according ICAO standards (1996)
- Planning, handling and operating the airport ground handling for the European Summit (Begin of June 1999)
- Planning, handling and operating the airport ground handling for the World Economic

Summit (End of June 1999)

- Project Manager for the airport extension and to coordinate the ongoing construction work
- Project Manager of putting Terminal 2 into operation
- Project Manager for an uninterruptable operation, caused by possible IT processor trouble of the year change from 1999 to 2000

Other projects

- Long Term traffic forecast and Master Plan for UPS at their main European hub at Cologne Airport, **Germany**
- Second opinion for Lufthansa Consulting on the airside Master Plan of Berlin Brandenburg International Airport, **Germany**
- For Lufthansa Consulting: Project manager for CRM between an airport, airlines and the retail business at Airport Frankfurt, **Germany**
- **Olympic Games** airport operation
- **Olympic Games Vancouver**, airport operation observer
- Aircraft and cargo ground handling optimization at UPS destinations in **Europe**
- Capacity analyzing and capacity simulations of airfields and terminals, including NLA demands, **Germany, USA, Denmark, China, Australia**
- Optimization projects of infrastructure and ground handling at international airports, **Germany, England, France, USA, China**
- Master Plan (layout) for a low cost airline, New York, **USA**
- Survey and report of the demands of an airline to fulfill the interest of the surrounding industry and to increase the economic efficiency of the possible market potentials, **Germany**

According to our customers statements, all our project were successful

That is why we offer most of our consultancy services on a success fee base!

Do not hesitate to contact our Russian office for airport consultancy question you have!

Aviation Consultants Ehmanns

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