





Specialist services for the airport life cycle

Let's talk aeronautics



Specialist services for the airport life cycle



AERTEC provides specialist Aviation consultancy and design services to a wealth of Aviationsector clients, including airport operators, construction firms, service providers, airlines, government agencies, investors, and financial institutions. Our company also provides consultancy services and solutions development for Airport Technological Systems.

We create value for Aviation clients through integrated services and independent specialist advice











Consultancy

Conception

Development





#Airports



Our Services



Feasibility studies and analysis

- Policy and sector studies
- Air transport market studies
- ¬ Traffic forecasting
- Business advisory
- Transaction support and due diligence



Consultancy







Airport solutions for landside/airside

Studies and plans

- Airport masterplanning
- ¬ Feasibility studies
- Airport planning studies
- Aeronautical safety studies
- Design of flight procedures and airspace compatibility studies
- Obstacle limitation surface studies
- Operational safety studies
- Capacity studies: airside and landside
- Aircraft flow simulations (AirTop/Simmod/AeroTURN)
- Passenger flow simulations (AirTop/CAST)
- $\neg\,$ Aircraft noise contour studies (AEDT)
- Airport planning application

Airfields

- Preliminary plans, concept and detail design
- Design of runways and associated taxiways
- Design of aprons and associated systems
- Design of visual aids: AGL, signs, and marking
- Design of NavAids, radars, and A-SMGCS
- Design of heliports, and helipads

Control towers

- ¬ Preliminary plans, concept and detail design
- Aeronautical assessment
- Equipment design and systems integration

Terminal areas

- Preliminary plans, concept and detail design
- Design of passenger terminals
- Design of cargo terminals
- Design of VIP terminals: general and corporate aviation
- Design of access roads, land development, and parking facilities

Other facilities

- Preliminary plans, concept and detail design
- $\neg\,$ Design of electrical system networks and electrical substations
- Design of communication centres
- Design of rescue and firefighting buildings
- ¬ Design of hangars and MRO
- $\neg\,$ Design of fuel farms and distribution systems
- $\neg\,$ Design of multi-purpose buildings: security, airlines, catering, etc.

Planning & Design



Our expert knowledge of airport processes is fundamental in the design and development of bespoke solutions



Safe operations to improve the passenger journey experience

- ¬ ICAO Certification for airports and heliports
- Construction management plans
- Airport technical audits
- Airport maintenance plans
- Operational readiness and airport transfer (ORAT)
- Definition, analysis and monitoring of service level agreements (SLA):
 - · Handling

Operational Assessment

- · Airlines
- · Cleaning
- · Commercial areas & Duty Free
- \cdot Persons with reduced mobility (PRM)
- · Security
- · Maintenance
- · Passenger services
- Airport operational procedures and manuals
- Operational safety management systems
- Airport systems integration
- Commercial areas and concession space assessment
- Project management services
- Monitoring of airport engineering services
- Training

BCN Barcelona Airport





Airport systems consultancy and software solutions

- ¬ IT consultancy
- Technological solutions







Real time monitoring of airport processes



Our added value lies in offering solutions that meet both airport and passengers needs

For more information: aertecsolutions.com

Airport Technology



Projects in more than 40 countries



IN MORE THAN 180 AIRPORTS WORLDWIDE

#Airports





IN MORE THAN 180 Airports Worldwide

AFRICA

Algeria

- Houari Boumediene Airport (Algiers)
- Mohamed Boudiaf Airport (Constantine)
- ¬ Oran Es Sénia (Oran)

Gabon

Libreville International Airport

Morocco

Our projects speak for us

- ¬ Casablanca Mohammed V Int. Airport
- ¬ Marrakesh Menara Airport
- ¬ Agadir-Al Massira Airport
- ¬ Fes-Saiss Airport
- ¬ Tanger-Ibn Battouta Airport
- Rabat-Salé Airport
 + 20 more airports (Moroccan network)

ASIA

Bahrain

¬ Bahrain International Airport

Bangladesh

🥆 Hazrat Shahjalal Airport (Dhaka)

Hong Kong

Hong Kong International Airport

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- India
- 🥆 Hirasar Airport (Guyarat, India)

Jordan

- ¬ Queen Alia Int. Airport (Amman)
- ¬ Aqaba International Airport

Kuwait

Kuwait International Airport

Libya

- Benina International Airport (Benghazi)

Myanmar

- Hanthawaddy International Airport
- Mandalay International Airport
- Yangon International Airport

Oman

¬ Sohar International Airport

Qatar

- Hamad International Airport (Doha)

Saudi Arabia

- Jubail Airport
 King Faisal Air Academy Airport
- King Salman Air Base
- Riyadh King Khalid Airport
- Salboukh Air Base (Riyadh)
- Yanbu Airport

Timor Oriental

- Suai Airport

United Arab Emirates

- ¬ Al-Minhad Air Base (Dubai)
- Sharjah International Airport
 Fujairah International Airport
- Fujairan International Airpor

EUROPE

Belgium

- ¬ Zaventem Brussels Airport
- ¬ Brussels South Charleroi Airport
 ¬ Liege Airport
- Liege All p

France

- Lyon–Saint-Exupéry Airport
- ¬ Lille Airport

Greece

 Heraklion, Thessaloniki, Kavala, Aktion, Corfu, Kefalonia, Zante, Chania, Santorini, Mytilene, Mykonos, Skiathos, Samos, Rodhes and Kos Airports

Ireland

¬ Dublin, Kerry and Shannon Airport

Italy

- Orio al Serio Airport (Bergamo)

Lithuania → Jelgava Airport

Portugal

- Humberto Delgado Airport (Lisbon)
- ¬ Montijo Airport (Lisbon)

Romania

¬ Suceava International Airport

Spain

- ¬ Madrid-Barajas Adolfo Suárez Airport
- ¬ Josep Tarradellas Barcelona-El Prat Airport
- ¬ Palma de Mallorca Airport
- Malaga-Costa del Sol Airport
- Alicante Airport
- Gran Canaria Airport
 Tenerife South Airport
- Moron Air Base
- Rota Air Base
- + 27 more airports (Spanish network)

Turkey

 Sabiha Gökçen International Airport (Istanbul), Konya and Batman Airports

United Kingdom

- London Airports:
- Heathrow, Gatwick and Luton
- Birmingham International Airport
- Cardiff Airport
- Guernsey Airport
 Barra Airport
- Darra Airport
- Edinburgh Airport
 Derry Airport
- Belfast International Airport
- Marham Air Base
- Gibraltar Airport



NORTH AMERICA

SOUTH AMERICA

- Alcantari Airport (Sucre)

- Santiago de Chile Airport

- Mexico City International Airport

¬ Newark Liberty International Airport

Guarulhos (São Paulo), Farol de São Tomé.

Campina Grande, Juazeiro da Norte, Vitória,

Macaé, Cuiabá, Rondonópolis, Alta Floresta

- El Dorado (Bogotá), Alfonso Bonilla Aragón

Benito Salas (Neiva), G. León Valencia

(Popaván), Santa Ana (Cartago),

A. Roldán Betancourt (Antioquía).

(Cali), Jose Ma. Córdova (Medellín), Ernesto

Cortissoz (Barranquilla), El Edén (Armenia),

El Caraño (Choco), Las Brujas (Sucre), Los

Simón Bolívar (Santa Marta), Camilo Daza

Garzones (Córdoba), Matecaña (Pereira),

(Cucuta), Palonegro (Bucaramanga),

Perales (Ibagué), Gerardo Tovar López

(Buenaventura), Almirante Padilla

Miraflores, Necoclí y Sogamoso.

(Riohacha), Alfonso López Pumareio

(Valledupar), El Embrujo (Providencia),

Aeropuerto del Café (Caldas), Olaya Herrera

(Medellín) and Yariguíes (Barrancabermeja).

REGIONAL: Bahía Solano, Babosa, Inírida,

- Las Américas, Gregorio Luperón, Presidente

Juan Bosch, La Isabela, María Montez and

Recife, Maceió, Aracaiú, Joao Pessoa,

- Denver International Airport

Mexico

Bolivia

Brazil

Chile

Cuba

Panama

Paraguay

Peru

(Asuncion)

Havana Airport

Dominican Republic

Arroyo Barril Airports

¬ Tocumen International Airport

- Silvio Pettirossi International Airport

¬ Jorge Chavez (Lima), Chinchero (Cuzco),

Canga Rodriguez (Tumbes) Airports

Francisco Carle (Jauja), Capitán FAP Víctor

Montes Arias (Talara) and Capitán FAP Pedro

Colombia

and Sinop

United States



NERTEC

EUROPE LATIN AMERICA MIDDLE EAST NORTH AMERICA

EUROPE

SPAIN

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