



Aviation

We integrate expert knowledge and technology

Projects in more than 50 countries



**IN MORE THAN
250 AIRPORTS
WORLDWIDE**

Let's talk aeronautics





Why? For more efficient, safer and sustainable airports



Consultancy

Feasibility Studies and Transactions Advisory.

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



Planning & Design

Sustainable airport planning and design for resilient and future-ready airside and landside infrastructure.

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)
- 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, basic 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
- Design of electrical system networks and electrical substations
- Design of communication centers
- Design of rescue and firefighting buildings
- Design of hangars and MRO
- Design of fuel farms and distribution systems
- Design of photovoltaic installations
- Design of multi-purpose buildings: security, airlines, catering, etc.

MAD

Adolfo Suárez Madrid Barajas Airport
Spain



BOG

El Dorado International Airport
Bogotá (Colombia)





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



Project Management

Efficient airport infrastructure execution.

- Strategic Planning and Coordination
- Quality Control and Regulatory Compliance
- Resource Optimization, Deadline Control and Cost Management



Operational Assessment

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
 - Airlines
 - Cleaning
 - Commercial areas & Duty Free
 - 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



Jubail Airport
Kingdom of Saudi Arabia



Josep Tarradellas Barcelona-El Prat Airport
Spain



Zayed International Airport
Abu Dhabi (United Arab Emirates)





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

Airport Technology



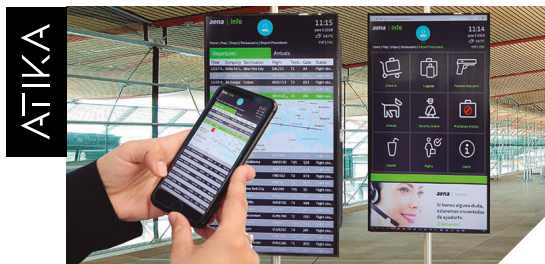
IT consulting and software solutions to enhance the passenger experience while improving airport operations.

ATIKA. A smart, multi-device system that captures passenger interactions in real time, turning them into personalized, interactive information.

AERTASK. A real-time airport management platform that digitalizes and monitors key operations like cleaning, PBB and resource quality.

MARKERS. An augmented reality system that guides users through the airport using dynamic, multilingual, and accessible visual markers. It improves wayfinding for all passengers, especially those with reduced mobility or visual and cognitive impairments.

GPASE. A mobile-friendly system that allows airport staff to log and manage queries, incidents, and internal notes from any location. It improves service planning and decision-making through real-time data analysis and staff activity tracking.



We are proud to be part of:



Advanced Air Mobility

Strategic consulting and engineering for next-generation air mobility ecosystems.

- Consultancy: routes, platforms and use cases
- Planning and design of vertiports
- Integration with the network of urban transport systems
- Management with aeronautical authorities



GRU Guarulhos International Airport São Paulo (Brazil)



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



For further details, visit our website today!
aertecsolutions.com

IN MORE THAN 250 AIRPORTS WORLDWIDE



Our projects speak for us

AFRICA

Algeria

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

Angola

- ↪ Quatro de Fevereiro International Airport

Gabon

- ↪ Libreville International Airport

Libya

- ↪ Benina International Airport (Benghazi)
- ↪ Misrata International Airport
- ↪ Mitiga International Airport
- ↪ Sabha International Airport

Morocco

Casablanca Mohammed V, Marrakesh Menara, Agadir-Al Massira, Fes-Saiss, Tanger-Ibn Battouta, Rabat-Salé, and more than 20 airports (Moroccan network)

Mozambique

- ↪ Maputo International Airport

Somalia

- ↪ Confidential

ASIA

Bahrain

- ↪ Bahrain International Airport

Bangladesh

- ↪ Hazrat Shahjalal Airport (Dhaka)

China

- ↪ Macao International Airport

East Timor

- ↪ Suai Airport

Hong Kong

- ↪ Hong Kong International Airport

India

- ↪ Hirasar Airport (Guyarat)

Jordan

Queen Alia (Amman), Aqaba and Shouneh.

Kuwait

- ↪ Kuwait International Airport

Myanmar

Hanthawaddy, Mandalay and Yangon.

Oman

- ↪ Sohar International Airport

Philippines

Ninoy Aquino (Manila), Sangley Point and de la Bahía de Subic.

Qatar

- ↪ Hamad International Airport (Doha)

Saudi Arabia

King Khalid (Riyadh), King Faisal Airport (Air Academy), King Fahd (Dammam), Jubail, Yanbu, Red Sea International Airport and Amaala. Air Bases: King Salman and Salboukh / Riyadh.

United Arab Emirates

- ↪ Dubai International Airport
- ↪ Dubai World Central (Al Maktoum International Airport)
- ↪ Al-Minhad Air Base (Dubai)
- ↪ Zayed International Airport (Abu Dhabi)
- ↪ Sharjah International Airport
- ↪ Fujairah International Airport
- ↪ Al Ain International Airport
- ↪ Al Bateen Executive Airport
- ↪ Delma Airport
- ↪ Sir Bani Yas Airport

EUROPE

Belgium

- ↪ Zaventem Brussels Airport
- ↪ Brussels South Charleroi Airport
- ↪ Liege Airport
- ↪ Florennes Air Base

Bulgaria

- ↪ Sofia International Airport

France

Airports: Lyon–Saint-Exupéry and Lille

Greece

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

Ireland

- ↪ Dublin, Kerry and Shannon Airport

Hungary

- ↪ Budapest-Ferenc Liszt Airport
- ↪ Debrecen International Airport

Italy

- ↪ Orio al Serio Airport (Bergamo)
- ↪ Lamezia Terme Airport (Calabria)

Latvia

- ↪ Jelgava Airport

Portugal

- ↪ Humberto Delgado Airport (Lisbon)
- ↪ Montijo Airport (Lisbon)
- ↪ Cascais Airport

Romania

- ↪ Suceava International Airport

Spain

- ↪ Madrid-Barajas Adolfo Suárez Airport
- ↪ J. Tarradellas Barcelona-El Prat Airport
- ↪ Palma de Mallorca Airport
- ↪ Malaga-Costa del Sol Airport
- ↪ Alicante Airport
- ↪ Gran Canaria Airport
- ↪ Tenerife South Airport
- ↪ Moron and Rota Air Bases
- ↪ + 27 more airports / Spanish network

Turkey

Sabiha Gökçen / Istanbul, Konya, Batman and Kahramanmaraş.

United Kingdom

London (Heathrow, Gatwick and Luton), Birmingham, Cardiff, Guernsey, Barra, Edinburgh, Derry, Belfast, Gibraltar, Marham Air Base, Leonardo Yeovil Base, RAF Lossiemouth Air Base.

NORTH AMERICA

Canada

- ↪ Toronto Pearson International Airport

Mexico

Mexico City and Los Cabos

United States

Denver, Newark Liberty (New Jersey), John F. Kennedy (New York) and Philadelphia.

SOUTH AMERICA

Bolivia

- ↪ Alcantari Airport (Sucre)

Brazil

Guarulhos (São Paulo), Farol de São Tomé, Recife, Maceió, Aracajú, Joao Pessoa, Campina Grande, Juazeiro da Norte, Vitória, Macaé, Cuiabá, Rondonópolis, Alta Floresta, Sinop, São Paulo (Congonhas), Campo Grande, Corumbá, Ponta Porã, Ten. Cel. Aviator César, Bombonato (Uberlândia), Montes Claros–Mário Ribeiro, Uberaba–Mário de Almeida Franco, Santarém–Pará-Maestro Wilson Fonseca, Altamira, João Correa da Rocha (Marabá) and Carajás (Parauapebas).

Chile

- ↪ Santiago de Chile Airport

Colombia

El Dorado (Bogotá), Alfonso Bonilla Aragón (Cali), Jose M. Córdova (Medellín), Ernesto Cortissoz (Barranquilla), El Edén (Armenia), Benito Salas (Neiva), G. León Valencia (Popayán), Santa Ana (Cartago), A. Roldán Betancourt (Antioquia), El Caraño (Choco), Las Brujas (Sucre), Los Garzones (Córdoba), Matecaña (Pereira), Simón Bolívar (Santa Marta), Camilo Daza (Cucuta), Palonegro (Bucaramanga), Perales (Ibagué), Gerardo Tovar López (Buenaventura), Almirante Padilla (Riohacha), Alfonso López Pumarejo (Valledupar), El Embrujo (Providencia), Aeropuerto del Café (Caldas), Olaya Herrera (Medellín) and Yariguíes (Barrancabermeja). Regional: Bahía Solano, Babosa, Inírida, Miraflores, Necoclí and Sogamoso.

Costa Rica

- ↪ Daniel Oduber Quirós International Airport

Cuba

- ↪ Havana Airport

Dominican Republic

Las Américas, Gregorio Luperón, Presidente Juan Bosch, La Isabela, María Montez and Arroyo Barril.

Jamaica

- ↪ Norman Manley Airport (Kingston)

Panama

- ↪ Tocumen International Airport
- ↪ Enrique A. Jimenez International Airport

Paraguay

- ↪ Silvio Pettrossi Airport (Asuncion)

Peru

Jorge Chávez (Lima), Chinchero (Cuzco), Francisco Carle (Jauja), Capitán FAP Víctor Montes Arias (Talara) and Capitán FAP Pedro Canga Rodríguez (Tumbes).



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See what's next. Follow us now!



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SEVILLE
C/ Wilbur y Orville Wright 31
Parque Tecnológico Aeroespacial
Aerópolis (41300) La Rinconada
Sevilla

MADRID
MADNUM – Edificio Utopicus
C/ Méndez Álvaro, 61 (Torre Oriente)
Planta 8, Oficina 810
28045 Madrid

BARCELONA
Aeropuerto de Barcelona-El Prat
Bloque Técnico, 1º Planta Of. 57
(08820) El Prat del Llobregat
Barcelona

GERMANY

BREMEN
Am Tabakquartier 60/62
28197 Bremen

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(110221) Bogotá D.C.

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Oficina 304 (15074)
Distrito de Miraflores

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ADAFZ - Abu Dhabi, UAE

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