



## ***ERA to implement world's largest multilateration system***

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ERA extends the number of references in Spain and equips Madrid Barajas and Tenerife Norte - Los Rodeos airports with the fourth generation of its airport multilateration system.

Following an international competition, the Czech-Spanish consortium ERA a.s. and EMTE Sistemas has been awarded two contracts by AENA (the Spanish Civil Aviation Administration) to supply its advanced multilateration surveillance systems for Madrid Barajas and Tenerife Norte airports. This achievement extends the number of Spanish references to four and thus proves customer satisfaction with systems already delivered to Palma de Mallorca and Asturias.

Multilateration surveillance system MSS represents the fourth generation of ATC systems of ERA, which is characterized with an advanced Mode A/C/S processing and re-designed remote stations. The concept provides accurate positions and identifications of aircraft and vehicles. MSS assists apron and tower controllers to safely manage airport surface traffic. Due to huge extent of the Barajas airport and challenging requirements on the system performances and redundancy, the MSS at Madrid Barajas consists of 32 Receiving/Transmitting Stations and currently represents the largest multilateration system in the world.

*"These new contracts will increase the number of ERA's references to 25 surveillance systems deployed at 4 continents and strengthens the ERA's position in the market,"* says Milan Bernard, the Commercial director of ERA.

### About Madrid Barajas Airport

Madrid Barajas International Airport (LEMD, MAD) is the Spain's busiest airport and the 5<sup>th</sup> busiest airport in Europe, connecting more than 38 million passengers a year between Spain's stunning capital city and hundreds of international destinations. Madrid Barajas Airport handles the majority of Spain's transatlantic flights, is the foremost European airport for flights to Central and South America and has developed as a major hub for worldwide connections. Capacity at Madrid Airport is set to double with a new terminal building and two extra runways, scheduled to open in 2005.

### About Tenerife Norte – Los Rodeos Airport, Canary Islands

Tenerife Norte Airport (GCXO, TFN) also known as Los Rodeos is a gateway to one of the most popular destinations in southern Europe. In 2004 handled over 3.5 million passengers and the numbers in 2005 look set to rise as the new inter-island flight hall has transformed this airport into the Canary Islands main inter island airport hub. Due to proximity of the highest Spanish mountain Teide the airport often suffers from bad visibility conditions and the multilateration system is the right tool to help surface movement and guidance control.

### About AENA

Aeropuertos Espanoles y Navegación Aérea (Aena) is a Public Company ascribed to the Ministry of Development, which operates all Spanish airports and heliports, which covers mainland Spain, Canary Islands and the Balearic Islands. Currently Aena manages 62 airports in Spain and Latin America and represents the largest airport and air navigation system in Europe. For more information visit: [www.aena.es](http://www.aena.es)



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# **ERA**

**RADAR TECHNOLOGY**

#### About ERA

ERA is a company specializing in development, manufacturing and maintenance of multilateration and ADS-B surveillance systems designed both for air traffic control and air defense applications. A significant part of its activities covers also the development of special software, mainly for the real-time radar data processing and display. ERA was founded in 1994 as a new company doing its business on the base of the long-term successful research and development of multilateration systems implemented in the Czech Republic since 1960s. ERA now employs more than 150 people; half of them are graduated engineers. ERA is situated in Pardubice, Czech Republic, in the heart of Eastern Bohemia just 100 km eastern from Prague. For more information visit: [www.era.cz](http://www.era.cz)

#### About EMTE Sistemas

Emte Sistemas is a member of the EMTE industrial group (Grupo Agbar). EMTE is one of the leading Spanish corporations capable of carrying out major multidisciplinary turnkey projects both in the private sector and for government bodies and public-sector companies. With full customer satisfaction always as its main aim, EMTE has the human and technical resources necessary to successfully and reliably tackle projects involving diverse technologies with the highest quality, safety and sustainability standards, and also collaborates with important cultural, educational and humanitarian organisations as part of its clear commitment to serving society. For more information visit: [www.emtesistemas.com](http://www.emtesistemas.com)



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# ERA

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