

Madrid Communications and 5G Base Stations





Overview

Why is Spain launching a private 5G network in Madrid?

The second tender requires the launch of two private 5G standalone networks for two military facilities in Madrid. The Spanish navy is also seeking a portable private network communication system for two of its ships to reduce the dependence on satellite communications.

How will 5G impact Spain?

This technology will have a positive impact on aspects such as improved competitiveness, productivity, efficiency, and higher quality in the provision of services. Therefore, Spain has defined a roadmap aimed at the implementation of 5G throughout the national territory, as well as the restructuring of certain frequency bands.

Is 5G available in Spain?

Telefonica said its 5G NSA service in the 700 MHz band is currently available to around 85 percent of the Spanish population across 2,200 municipalities. The Spanish operator also uses the 3.5 GHz band for 5G and invested EUR 20 million to secure the maximum possible 1 GHz of spectrum in the 2.6 GHz band.

Does Telefónica have a 5G network?

Telefónica has followed Orange with the official launch of a 5G standalone (SA) network in more than 700 towns and cities throughout Spain. The service is branded Movistar 5G+ even though it is just 3GPP defined real 5G (with its own core network, rather than 5G NSA which uses LTE core network).



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Digital connectivity in Spain

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5G Roadmap , España Digital 2026

5G is a disruptive technology, a cornerstone of digitalization, characterized by constant and dynamic technological change. This technology will have a positive impact on aspects such as ...

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Madrid, capital of 5G technology

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