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Title: Port of Spain Communications 5G base station completed

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Does Valenciaport have a 5G network?

With this goal in mind, Valenciaport has embarked on a project to develop and implement its own 5G network ready to work without cables or ties to external operators, with more than 25,000 connected devices (phones, vehicles, surveillance cameras, environmental sensors, security services, drones, etc.).

Will 5G SA become a smart port?

For Javier Gallego, head of Technologies at the PAV, 'our 5G SA network is one of the fundamental pillars to achieve the goal of becoming a definitive smart Port, based on two pillars: security and mobility'. The solution will integrate market-leading technologies and solutions with a 5G private network core in its Stand-Alone (SA) mode.

What is a 5G ran solution?

The solution will integrate market-leading technologies and solutions with a 5G private network core in its Stand-Alone (SA) mode. It will include the core network as well as the RAN (Radio Access Network) and routing/switching elements.

What is a 5G sa solution?

The completely private and dedicated 5G SA solution involves the deployment of its own network for exclusive use, which means total control of all decisions relating to this infrastructure in an independent and unilateral manner.

Valenciaport in Spain has announced the development of its own 5G network to connect more than 25,000 devices and establish itself as a "Smart Port". The 5G network at Valenciaport will ...

The port of Valencia is implementing the first 5G private network in a harbor to utilize the 2.3 GHz frequency in Spain. This follows multiple other cellular projects at that dock. The presence of ...

The Port of Valencia (Valenciaport) in Spain is in the process of deploying a private 5G network to connect more than 25,000 handsets, tablets, vehicles, cameras, sensors, drones, and ...

To achieve this, the project will deploy a 5G standalone (SA) mobile private network (MPN) in Valencia,

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Spain. What will it provide? The project will enable the digitalisation of logistics ...

With over 15 base stations, the infrastructure will provide comprehensive coverage of the port's operations. It features a Stand-Alone (SA) 5G core with a throughput of 10 Gbps, a geo ...

Telefónica and Mobile World Capital Barcelona have joined forces to connect the port of Barcelona and make APM Terminals Barcelona a safe ...

Valenciaport has commenced a project to develop and implement its own 5G network ready to work without cables or ties to external operators.

Telefónica and Mobile World Capital Barcelona have joined forces to connect the port of Barcelona and make APM Terminals Barcelona a safe space. By merging 5G and Edge Computing, ...

By leading its own 5G deployment, Valenciaport is not only redefining its own capabilities but also setting a standard for other ports and industries to follow.

Valencia, 4 November 2025 - The Port Authority of Valencia (APV) has awarded Orange Spain the contract for the development and implementation of Valenciaport's private 5G network, for a total ...

In total, more than fifteen n40 base stations will be deployed with one, two and even three sectors, which will provide almost total coverage of the Port Authority's areas of operation.

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