At MWC, Telefónica demonstrates how Titan Connect guarantees emergency medical care during a soccer match

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Telefónica is presenting a case study at the Mobile World Congress (MWC) on its recent launch in Spain, Titan Connect, a pioneering ecosystem of solutions that provides secure and uninterrupted connectivity to businesses. This experience demonstrates the flexibility and strength of the network in maintaining communications under exceptional conditions and its adaptability in critical situations.

In a sports stadium with a capacity of 90,000 people, while a Champions League soccer match is being played, connectivity takes on a prominent role not only in ensuring that spectators enjoy the best possible experience, but also in enabling the necessary actions to be taken to resolve an emergency. In this sense, in the recreation shown at MWC, the network faces a new challenge: to offer the best connectivity and services to facilitate almost immediate assistance to one of the spectators at the sporting event at the moment a penalty kick is taken and converted into a goal.

Telefónica's communications respond thanks to the integration of a set of technologies and capabilities that facilitate the resizing of the network so as not to interrupt the flow of data and voice between the public, while at the same time provids secure and prioritized connectivity for health emergencies, accompanying the patient from the moment they feel unwell until a connected ambulance takes them to the hospital.

Connectivity is maintained thanks to 5G, fiber, and satellite connectivity, while observability functionality—a tool that provides complete, real-time visibility of network performance, behavior, and health thanks to Artificial Intelligence (AI)—reinforces Telefónica's public infrastructure to provide the best service at these types of

events and ensure that the public has a good digital experience, both on their devices and in the stadium, through elements such as video scoreboards and vending machines.

The network also supports other services, such as 5G SA virtual private networks with Network Slicing enabled, to which the drone flying over the field is connected, or Computer Vision, a service that analyzes images and video in real time, which in this case would monitor the stands to detect possible anomalies, such as an object being thrown or an individual requiring medical attention. All this information is processed close to the field, with minimal latency, and then sent securely over the cyber-protected network.

When the intelligent network analysis detects a person collapsing, it alerts stadium supervisors so they can interrupt the game, activate a drone to transport a defibrillator to the scene of the incident, and send the coordinates to the paramedic.

The healthcare professional transfers the patient to the ambulance, where they can take vital signs using a medical backpack and even send a video with tests for evaluation by a specialist. During this interaction, an artificial intelligence-based system analyzes the clinical dialogue in real time, generates an automatic transcription, and completes the patient's medical record in a structured manner. This allows clinicians to focus on patient care, concentrating on the intervention with the assurance that all relevant medical data will be included in the report prepared by the AI, which will then be validated by the physician. This information is transmitted to the hospital via connections to Telefónica's public network during the journey and thanks to its Network Slicing functionalities, with guaranteed coverage even in areas with high tourist concentrations.

Eduardo Ariste, General Manager of Business and Government at Telefónica Spain, points out:

> The strength of the business has become a strategic priority, and better connectivity is one of our hallmarks. Talking about communications today means moving beyond the traditional approach based on isolated solutions. For a company or government agency, it is not enough to have a good fiber network or advanced mobile coverage; it is necessary to have a comprehensive vision that combines different technologies and capabilities in a single environment designed specifically to

ensure the continuity of the most strategic processes in any circumstance.

Titan Connect was founded in January 2026 to integrate technological solutions and functionalities that enable communications to work in all kinds of situations, making the benefits of digitalization available to people at any time and in any circumstance.

This new offering from Telefónica brings together fiber connectivity, 5G Stand Alone, satellite, cloud, and edge connectivity under one umbrella, along with observability, automation, additional power supply, and secure 24/7 management capabilities. This ecosystem of solutions safeguards the continuity of business and government operations and facilitates the deployment of new digital services.

This integrated approach is particularly relevant for sectors where coverage is critical. Public administrations, financial institutions, hospitals and healthcare centers, transportation companies, energy companies, industrial companies, and retailers depend on secure, stable, and permanent connections to guarantee essential services. In these environments, even a brief interruption can have economic, social, or even human consequences.

For more information: Mobile World Congress 2026: all the information – Telefónica

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