

Automatic 5G TV production at the Abanca-Riazor stadium

Objective: application of 5G for the development of use cases in the broadcasting of sporting events, specifically in the automatic realisation and remote control of TV cameras, providing live coverage and video analytics in a more efficient way and being able to cover local and non-crowded events.

Description: The Abanca-Riazor Stadium in A Coruña will have the most complete 5G deployment in Europe. The main functionality will be the live broadcasting of sporting events with automatic production based on Edge Computing and Artificial Intelligence, as well as additional services such as KissCam, augmented reality heat maps and multi-camera TV. Telefónica has installed a 5G network that ensures bandwidth levels of several gigabits per second and ultra-low latencies, essential features to be able to seamlessly retransmit multiple ultra-high definition video streams and perform robotic control of cameras and video analysis in real time. Telefónica has also deployed an Edge Computing centre in A Coruña, to house an automatic TV broadcasting and production centre that, thanks to its artificial intelligence algorithms, is capable of performing real-time game analysis, tagging plays and orienting and switching cameras to generate a signal suitable for live TV. All this from the low latency cloud provided by Edge Computing and the 5G network.

[Video](#)

[Press release](#)

[Additional References](#)

