

# 5G Golf European Tour

**Objective:** using 5G in the 3.5 GHz and 26 GHz bands to provide coverage for drones with on-board cameras and TV cameras on the ground at the ACCIONA Open de España de Golf broadcast. Also, using 5G in the millimetre bands as backhaul for the WiFi service for spectators.

**Description:** The ACCIONA Open of Spain was the first professional golf tournament in Europe to use 5G technology and Edge Computing for its communications and television broadcasts. To carry out the project, Telefonica deployed a mobile unit and several 5G antennas in the vicinity of the course and used Edge Computing to host the production mixer where all the video feeds are received. Using this 5G and Edge deployment, the following services have been tested:

- One captive and one mobile drone for the transmission of images from the air
- Two TV cameras placed at strategic locations on the pitch
- Live streaming from smartphones in locations that are difficult for the TV cameras to reach
- Backhaul of the WiFi network in the VIP area

In this way, with the use of 5G drones, camera shots and panoramic images impossible to obtain in any other way are obtained, while the 5G TV cameras reduce the deployment of fibre optics around the pitch for connectivity.

[Press release](#)

