

# Connected Mobility - 5G autonomous connected Car

**Objective:** To demonstrate how 5G networks will radically change mobility, both in terms of in-vehicle entertainment and driving.

**Description:** First 5G demonstration to make use of 5G 3.5 GHz band in mobility. Pre-commercial Ericsson 5G terminal and a CarMedia Solutions platform have been installed in an autonomous EasyMile electric vehicle to enjoy multimedia content, digital services and virtual office applications during the journey. The 5G coverage is provided by Telefónica with an Ericsson 5G antenna that has been deployed in a mobile unit van.

This use case shows 5G capabilities while autonomous driving, specifically the high data transfer capacity and ultra-low latency through the streaming of ultra high-definition content; the creation of a work environment in the vehicle with virtual office applications and remote driving assistance based on the analysis and processing of telemetry data sent by the autonomous vehicle in real time.



[Press release](#)

