

# CAN gateway to GSM and Wifi

**Actia (France) shows at IAA 2018 in Hanover (hall 11, stand C09) its CAN-connectable gateways. They come in vehicle-suitable enclosures.**

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The ITxPT gateway is intended to forward in a vehicle collected data to back the office or the cloud (Photo: Actia)

The gateway can be adapted to back-office solutions and to existing mobile applications. This includes inventory of on-board systems, fleet management systems, and vehicle technical data (FMStoIP). The product features GSM and Wifi connectivity. It supports MQTT, mDNS, and DNS-SD protocols.

It operates as router of in-vehicle data collected via the CAN-based interface. "Our gateway is an open product that can be adapted to all ITxPT architectures. It offers connectivity to OSS (Operational Support System), PIS (Passenger Information System), ticketing application and other back offices," explained Marc Menvielle. "It has already proven its merits on more than 10 000 buses operating in Europe." Available now in the ITxPT version, it is being rolled out first in France, England, and Scandinavia.

The multi-functional gateway enables the reduction of antennas for different telematics applications. Thus, an OSS-PIS application can use the communication module of another supplier, but also share the information from all the applications between them. For example, it can share the driver's ID, the route number, number of passengers, etc. In the same way, vehicle technical data is shared in real-time with all the on-board systems.

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