

CAN bus parameter converter of vehicles with analogue signals for tests on roller benches

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- Stefano Vianelli, EURINS

The challenge:

Provide the data from the CAN bus of the vehicles in the test phase to the roller magazine acquisition system in the absence of a dedicated hardware and software interface.

The solution:

Thanks to the NI Single-Board RIO embedded system, an autonomous device has been created that is able to identify the type of CAN traffic present on the bus, intercept and decode the chosen parameters and generate the corresponding analog signals.