



Product Focus

CAN FD—Putting Real Time to the Test Environment

OEMs, suppliers and test system manufacturers agree—CAN FD will fill the bandwidth gap for automotive systems between classic CAN and FlexRay. Needless to say, Kithara will also provide the corresponding CAN FD real-time connection which allows for high-precision measurement results and control commands for demanding testing tasks.

With this, CAN FD fits seamlessly into Kithara RealTime Suite alongside other relevant automotive bus systems and protocols, thus complementing the function library towards a comprehensive real-time environment for test applications.

CAN FD (Flexible Data Rate) is an extension of the CAN protocol that extends the payload capacity from 8 bytes to 64 bytes, thus achieving increased

data rates of up to 8 times higher than classic CAN, without raising integrations costs. The protocol also benefits from advanced data safety due to improvements to the cyclic redundancy check.

This is why CAN FD will have a set place in future automotive development. For this, however, the bus system requires a coherent high-performance real-time solution such as Kithara RealTime Suite, which combines all interconnected interfaces in order to allow for the implementation of many development and test processes.

The latest information about Kithara products as well as a free 90-day trial version can be found [on our website](#).

