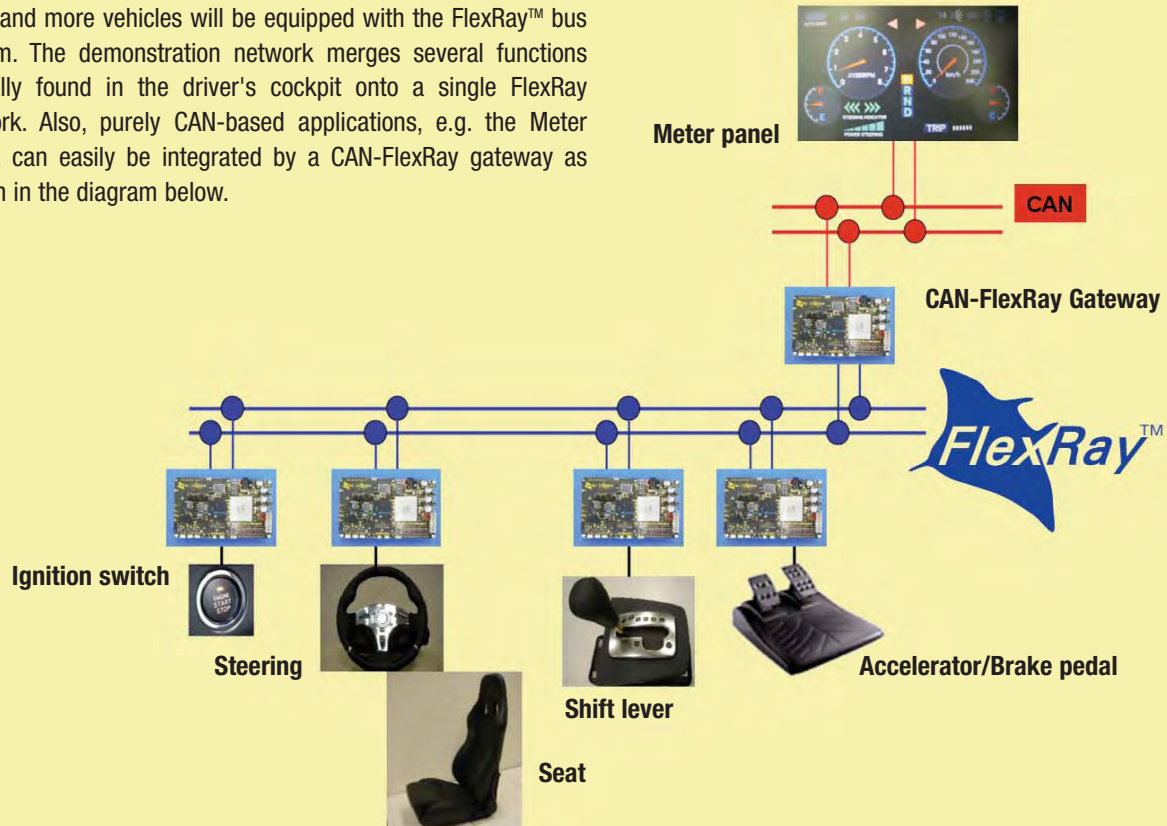


# FACTSHEET FLEXRAY COCKPIT DEMONSTRATION

More and more vehicles will be equipped with the FlexRay™ bus system. The demonstration network merges several functions typically found in the driver's cockpit onto a single FlexRay network. Also, purely CAN-based applications, e.g. the Meter Panel, can easily be integrated by a CAN-FlexRay gateway as shown in the diagram below.



### Features

- Connecting Cockpit peripherals via FlexRay obtains highly reliable communication
- Integrating CAN-based meter panel via CAN-FlexRay gateway depicts co-existence of different networks

### Fujitsu Products

- MCU - MB91F465XA
  - 100MHz clocked MCU with embedded FlexRay interface
  - 2 CAN interfaces enabling gateway function
- GDC - 'Lime'
  - State-of-the-art graphics controller driving LCD in meter panel

### AUTOSAR

- Available for 32-bit FR MCUs
- MB91460 series is fully supported
- Software package includes
  - OS
  - RTE
  - BSW
  - MCAL



Cockpit demonstration.

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