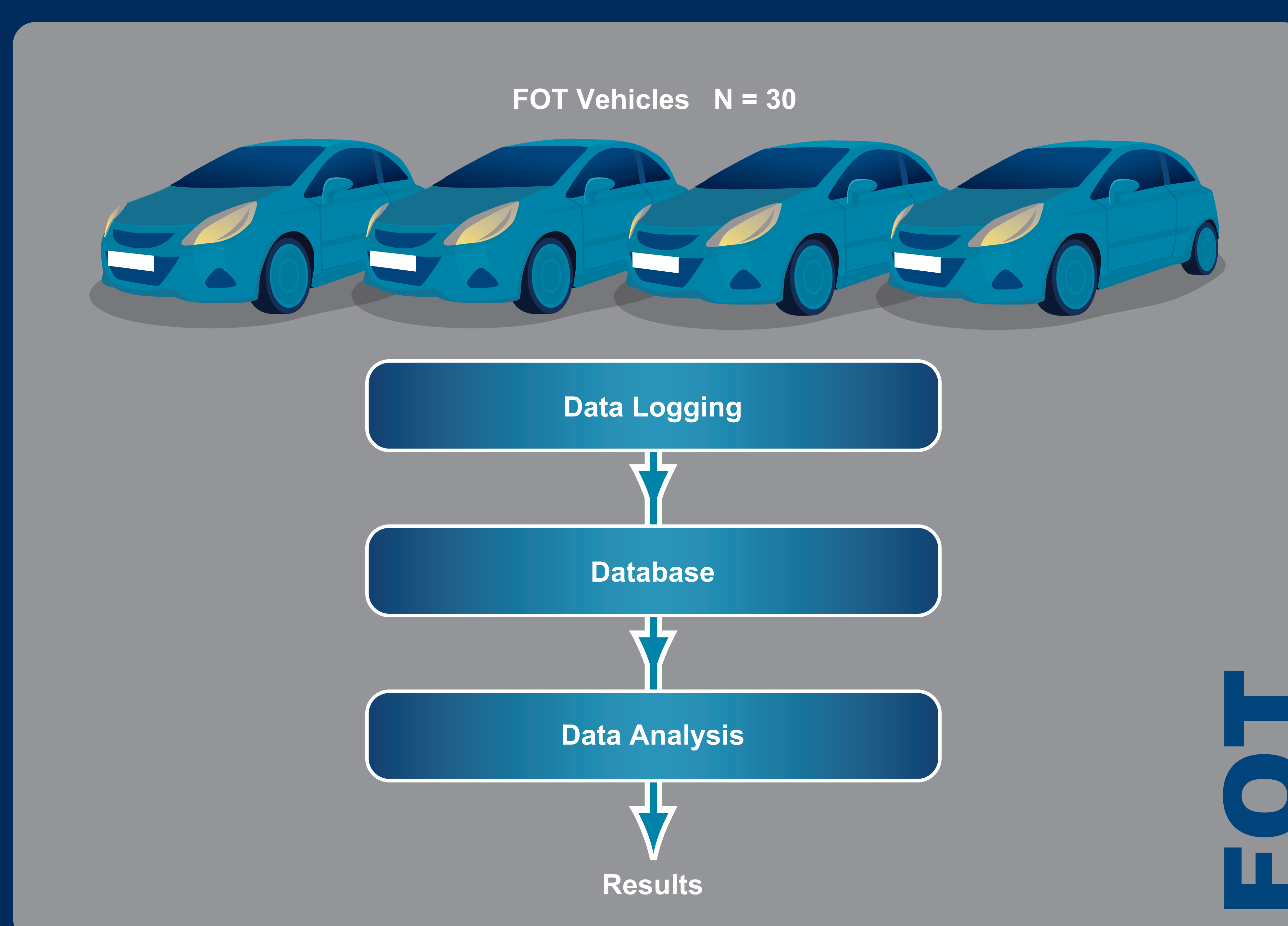
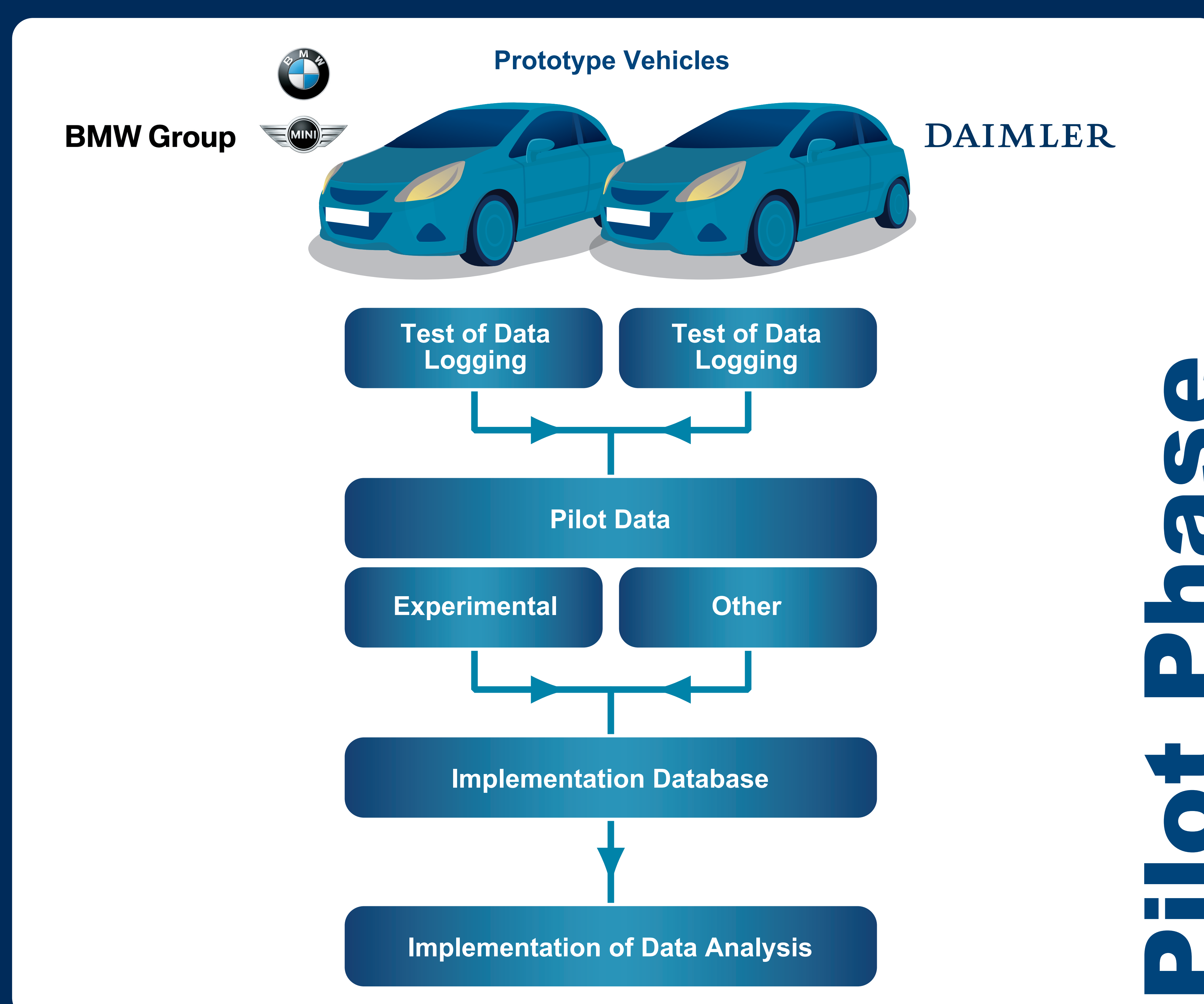
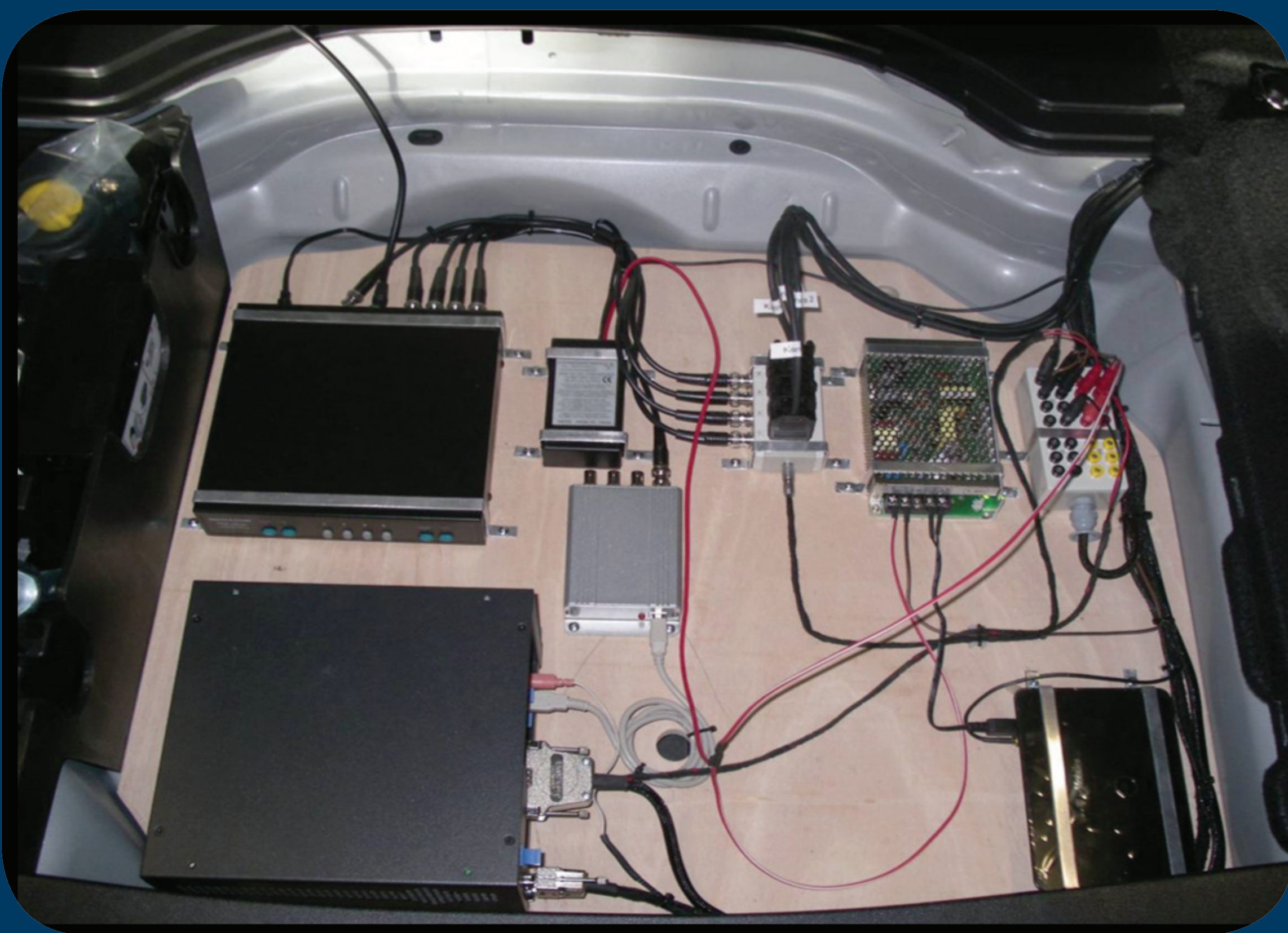


## Data Analysis Tools at the German 2 Vehicle Management Centre

In the German 2 Vehicle Management Centre, the impact of navigation systems with different HMI-solutions (built-in vs. mobile) is analysed. The complete data logging, pre-processing and analysis were already successfully implemented during the pilot phase, thanks to the data that was collected during an experiment and other trips with the prototype vehicles. The pilot phase serves to test the data logging for BMW and Daimler, and to implement the database and data analysis algorithms. To implement data analysis, video control and driving protocols are used. Only minor modifications of the implemented algorithms are necessary during the analysis of the complete FOT data.





### **Data logging Daimler:**

In Daimler vehicles, data from 4 CAN-Buses is logged together with video data. Four video cameras are installed in all vehicles.



### **Data logging BMW:**

In BMW vehicles, data from CAN, Most and Flexray is logged together with video data. Four video cameras are installed in all vehicles.

### **Video analysis tool:**

The developed tool displays the video together with selected driving data. The tool can be used to view the video for selected parts of a trip and to annotate the video with markers.

**The first European large-scale Field Operational Test on Driver Assistance Systems**

