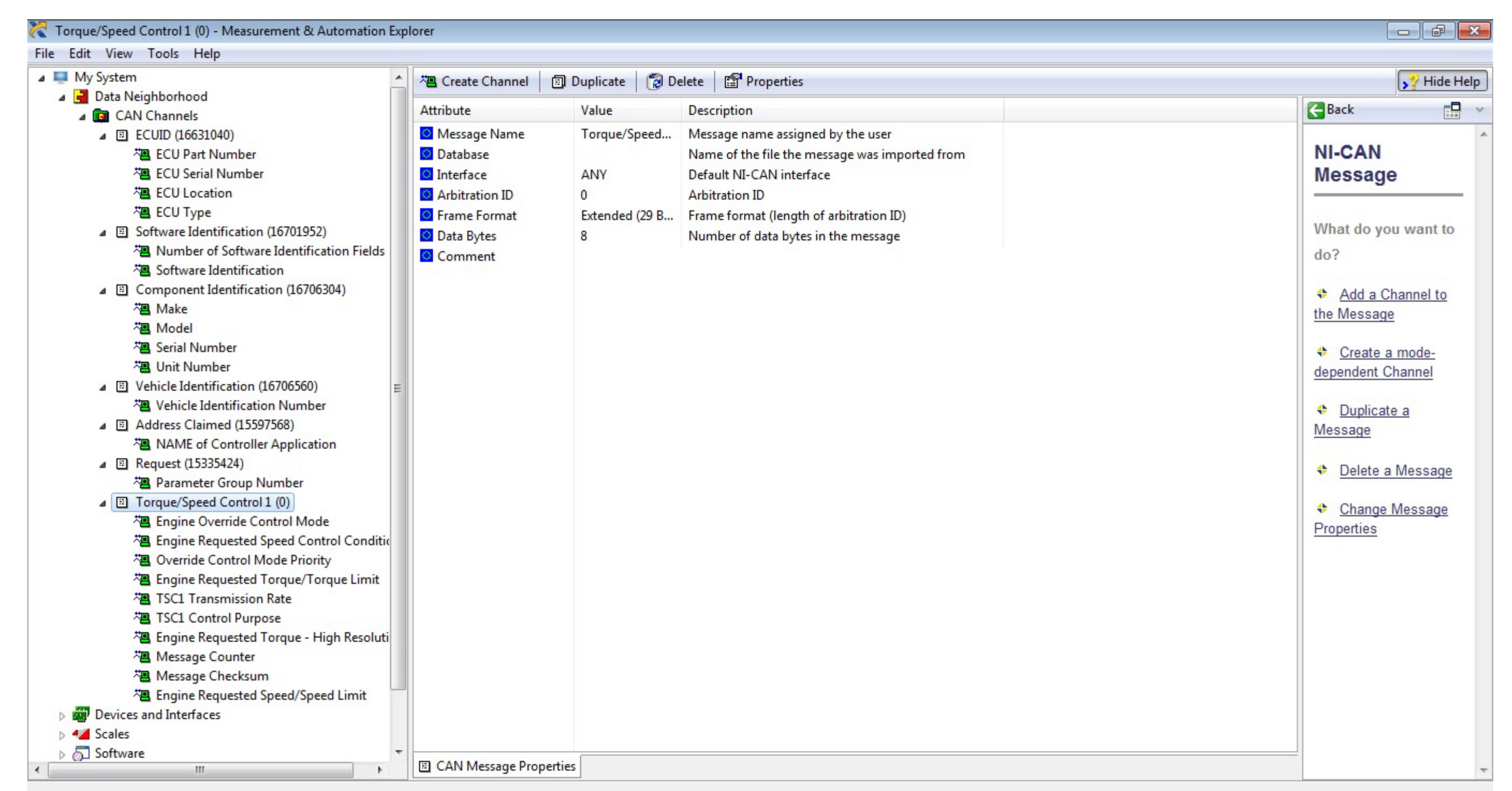
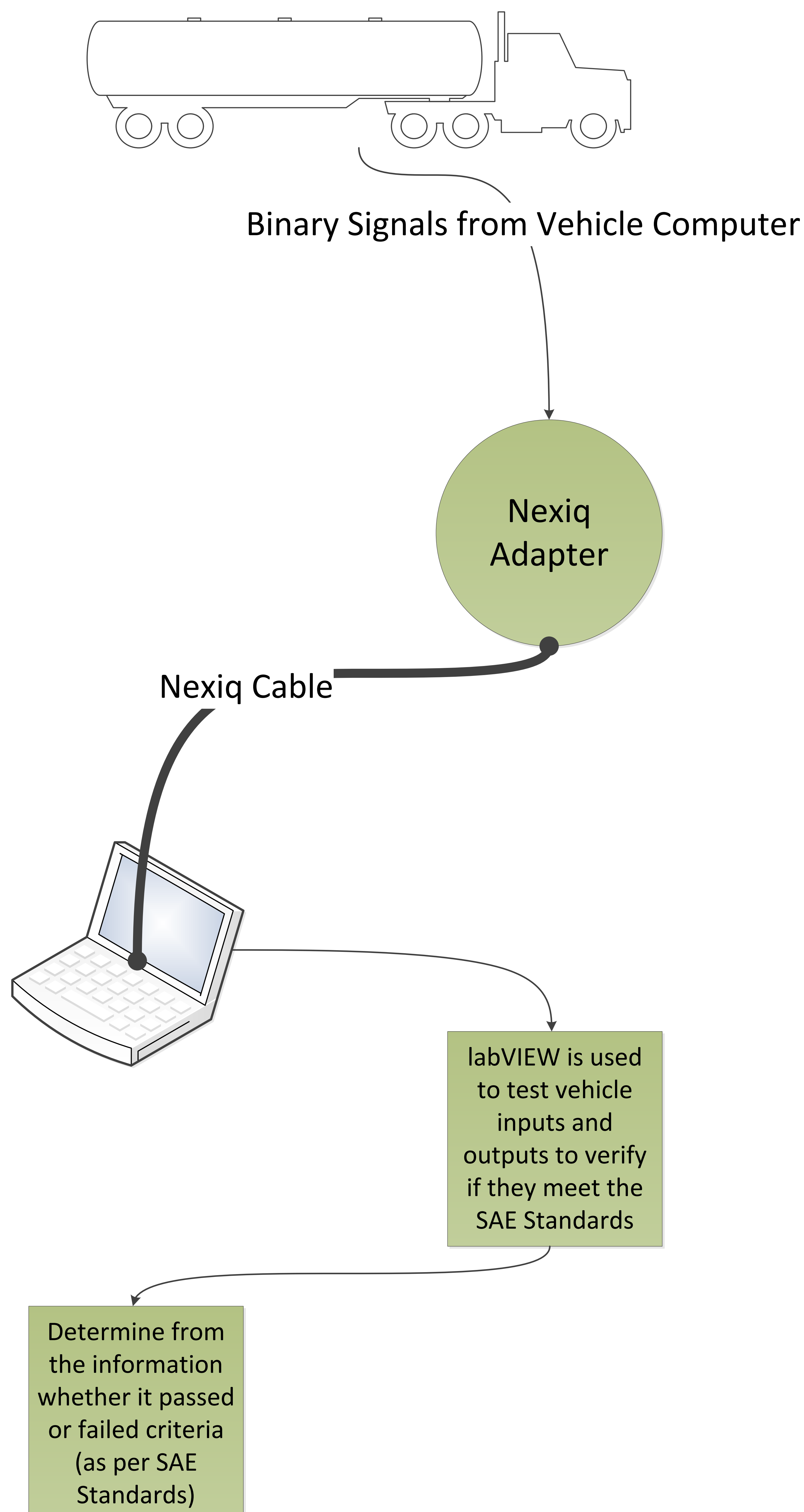
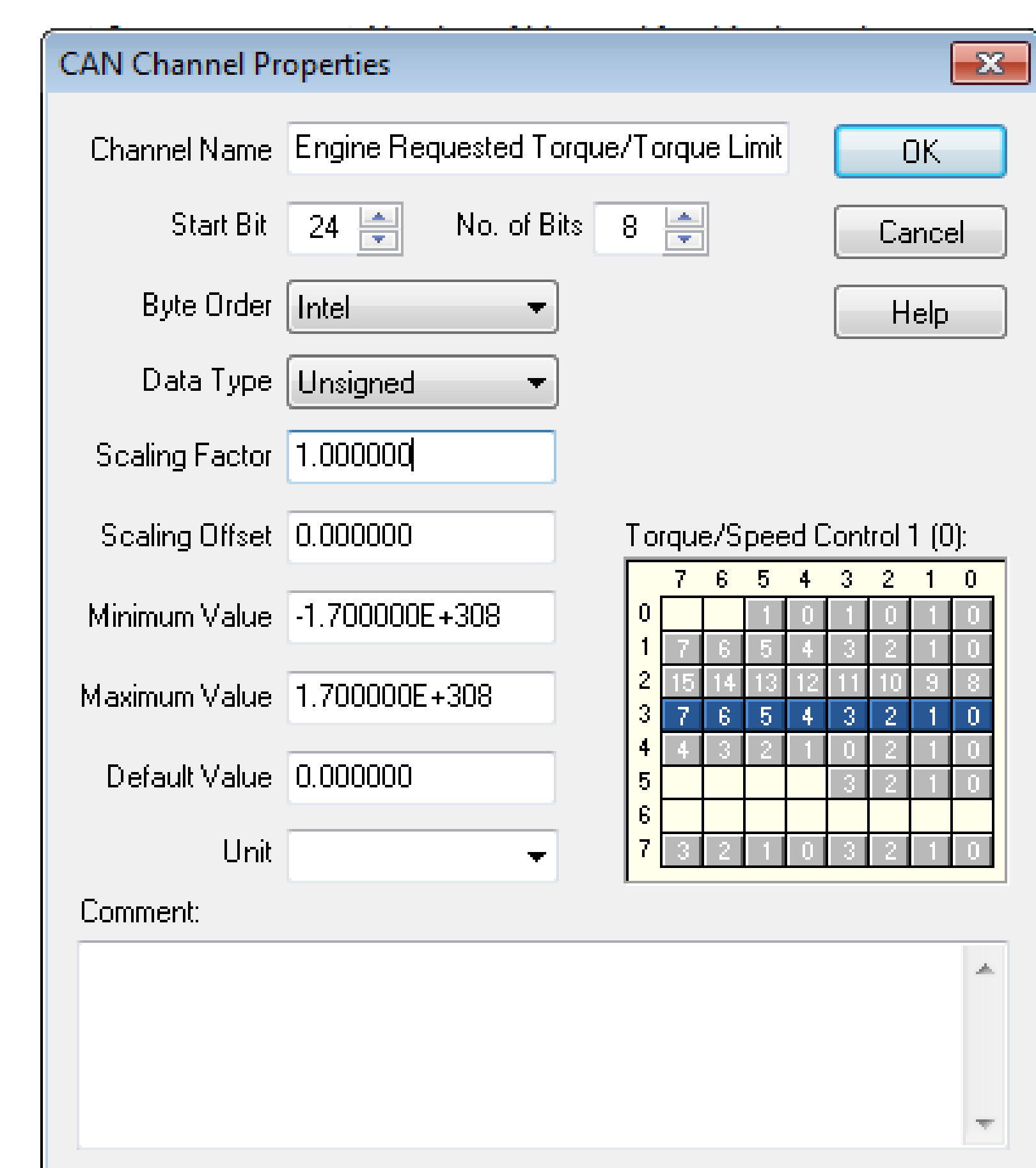


Automation Acumen

Automation Acumen is focused on automating the task of testing the vehicle sensors through use of the CAN Data file and LabVIEW to correctly interpret the signals from the vehicles on board computer. The goal is to conduct the time intensive testing without having to have a human present for all steps.



This images illustrates the CAN channels that were created with NI-CAN.



The above image shows the creation of a specific CAN Channel and the corresponding properties that needed to be defined (this demonstrates an understanding of J1939 message structure, since all of these parameters are determined by SAE J1939 documents).