

Signal.X
TECHNOLOGIES LLC

We create software products for manufacturing and laboratory test automation.

Project Spotlight: DSA 2.9 In-Vehicle Data Logger

Objectives:

Create an in-vehicle data logging solution based on the existing DSA 2.9 NVH analyzer platform. Deliver a turnkey combination of hardware and software focused on reliability and ease of use.



Complete in-vehicle DAQ system based on the National Instruments CompactDAQ platform.



Solution Benefits:

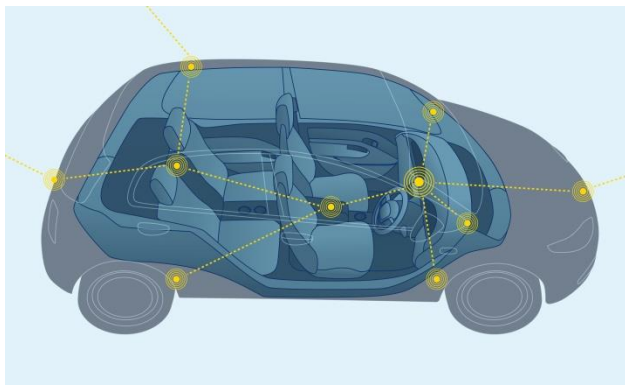
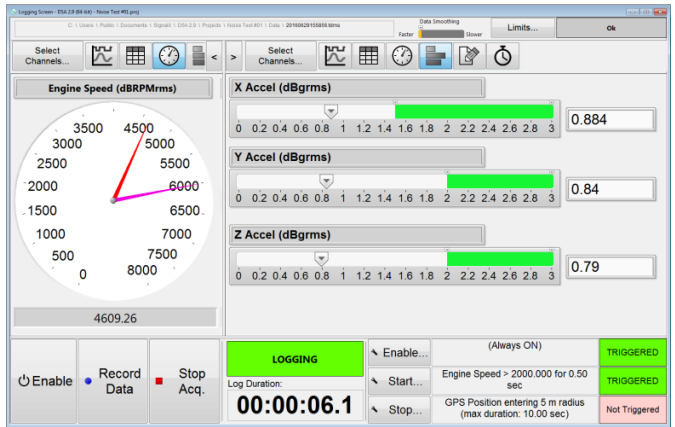
- Turnkey data acquisition in a rugged form factor
- Synchronized acquisition of mixed signal types, including CAN, vibration, sound, strain, temperature, and more
- Interfaces optimized for touchscreen use
- Flexible triggering options, including digital, analog, CAN, and position-based via GPS
- New project management features that support organized acquisition campaigns

To learn more about this and other Signal.X projects, please visit signalxtech.com/about/portfolio/

Technology Highlights:

Live Data

In a data-driven test environment, requirements can change rapidly and tools must adapt. Signal.X has prioritized flexibility and agility in an all-new, touch-optimized live display focused on user configurability, intuitive situation awareness, and easy setup.

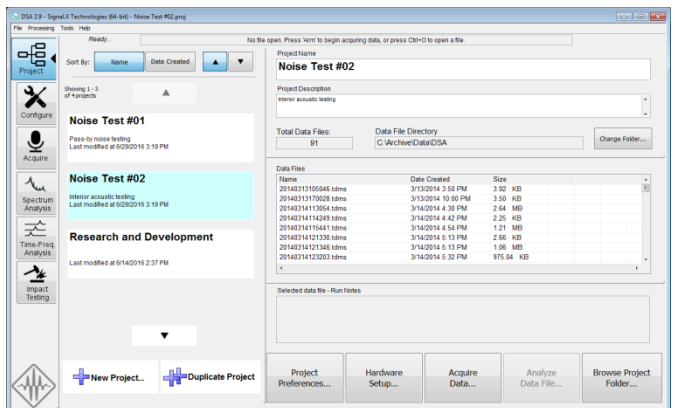


CAN

The Controller Area Network is the central nervous system of a vehicle under test. DSA 2.9 is able to monitor and record CAN signals in real time, synchronized with traditional sensors. This new capability gives users access to an entire catalog of novel information and is a valuable augment to DSA's existing NVH capability.

Project Manager

Team-based approaches are crucial for meeting project goals on time. The new Project Manager organizes data sets and allows users to easily switch between different preferences and configurations. With this new addition, DSA 2.9 has continued its tradition of agility, especially in environments with multiple users and test types.



This all-new addition to DSA 2.9's existing specification showcases our ability to move from a customer's vision to a polished solution. Let us help you make your vision a reality too.

About Signal.X:

Since 2004, Signal.X has specialized in Test & Measurement Products for noise & vibration (NVH), production and laboratory test automation, functional test design, large data management, and custom application development.