



**DANLAW**<sup>®</sup>  
AUTOMOTIVE MADE SMART

# Engineering Solutions

Embedded Systems Engineering

Software Testing Tools

Custom Test Benches

V2X Products and Services

[www.danlawinc.com](http://www.danlawinc.com)

# Let's Engineer Your Solution

Stakes are high in the automotive industry. Short deadlines, thin margins, and demands for higher quality put a strain on product development resources. Danlaw has the people, tools, manufacturing knowledge, and expertise to complete your project.

## Our Services

### Software Development & Testing

Danlaw has a proven track record of developing ECU firmware and building test benches for OEMs and suppliers:

- ▶ **Systems Engineering**  
Requirements management, Agile development, DevOps, and change control management
- ▶ **Energy and Powertrain Systems**  
Battery management, DCDC converter, engine, transmission, and driveline
- ▶ **Body and Security Modules**  
Interior, seat, door, junction box, and liftgate
- ▶ **Active/Passive Safety Components**  
Matrix headlamp, seatbelt, airbag, and data-labeling
- ▶ **Cockpit Systems**  
Head up display, instrument panel, and human-machine interface
- ▶ **Network Communications and Diagnostics**  
Third party stack integration, on-board diagnostics, custom software, and gateway



### Infotainment & ECU Testing Services

We provide premium testing services to support your development and system integration, including requirements analysis, test plan development, and test execution for your system.

### On-site Engineering

Our automotive clients trust our ability to find the right resources to fit their need. Whether you need one critical resource or a whole team, we will find a staffing solution that fits your schedule and budget.

### Automotive Network Compliance

Danlaw is the industry leader in automotive network compliance testing. We test ECUs to OEM network compliance standards including CAN, LIN, MOST, and Ethernet AVB.

**Let us design a solution for you!**

# Connect, Test, Done.

OEM quality standards, functional safety requirements, and legal expectations demand proof of complete testing. Danlaw's test tools document the proof, allowing you more time to design the tests that matter.

**Ask for a demo!**

## Our Products

### Embedded Software Test Tool

Mx-Suite™ is a test automation platform for authoring and executing tests at any point in the embedded software lifecycle for each component and the full system. Replace multiple software tools with a single solution to execute MiL, SiL, PiL, or HiL tests.



### Turnkey Test Systems

We can deliver custom benches to exercise your infotainment systems, cockpit instruments, energy management, and body systems. These complete hardware and software solutions provide rigorous functional and performance testing.

### On-Target Testing Tools

- ▶ **RapiCover** is the industry's lowest overhead tool for structural code coverage analysis up to and including MC/DC.
- ▶ **RapiTime** calculates timing metrics such as WCET and high water marks from embedded targets for focussed optimization.
- ▶ **RapiTask** helps you understand the behavior of multi-core and multi-threaded embedded systems graphically for system scheduling, rare timing/race events, and system capacity issues.




### V2X Products

Danlaw is a leading supplier of:

- DSRC test systems
- DSRC software protocol stack
- On-board units (OBUs)
- Roadside units (RSUs)
- Through-glass antennas





-  Danlaw
-  Rapita Systems
-  Partners

**Contact us today to learn more about our products & services.**

### **About Danlaw**

Danlaw is a leading global supplier of technology and services to the automotive and aerospace industries for safer, smarter and more secure systems. Danlaw is known for ground-breaking tech, efficient development, and adaptive solutions for dynamic environments. Our world-class connected vehicle solutions make Danlaw one of the largest suppliers of connected devices in the world.

### **About Rapita**

Rapita Systems, a Danlaw company, provides on-target software verification tools and services globally to the embedded aerospace and automotive electronics industries. Our solutions help to increase software quality, deliver evidence to meet safety and certification objectives and reduce project costs.

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