

DGE Inc. is an engineering firm that provides Hardware, Software, and Prototyping services with experience in automotive and other industries. We excel at delivering complete system solutions.

Services

- Hardware Design
 - Embedded Circuit Design (MCU, ASIC, FPGA, CPLD, Power, and RF Technologies)
 - Prototype and Production Automotive Module Design
 - ECU Test, Validation, and Simulation Equipment Design
- Software Development
 - Embedded Solutions
 - PC Solutions
 - C, C++, and Assembly Language
 - Real Time Operating Systems Application Design (Linux, OSEK, and Others)
 - National Instrument Test Stand and LabVIEW (Real Time, PDA, FPGA)
 - Graphical User Interface (GUI) Design with MFC
 - PDA Applications (Palm OS and Pocket PC)
- CAD and Lab Services
 - Schematics and PCB Layout
 - Electronic Packaging Design – Solid Modeling
 - Complete Electronic Box Builds
 - Prototype Vehicle Modifications
- Training Classes
 - CAN – Introductory and Advanced Courses
- Project Management
 - Coordination and Management of Entire Customer Projects
- Testing
 - Vehicle Bus Validation
 - Automotive Electronics Troubleshooting and Consulting
 - Software Verification and Validation including CAN Drivers
- Technical Equipment Maintenance
 - Hardware and Software Maintenance and Support for Third-Party Test and Validation Equipment

Products

- Custom Automotive Development Tools
 - Powertrain Simulation:
 - Engine Simulator
 - Transmission Simulator
 - Vehicle Bus Tools:
 - CAN Tools
 - Bluetooth Diagnostic Equipment
 - J1850 Recorder
 - Gateway Modules for:
 - CAN / GM-LAN
 - J1850 / GM Class2
 - LIN
- Custom Automotive Test Equipment