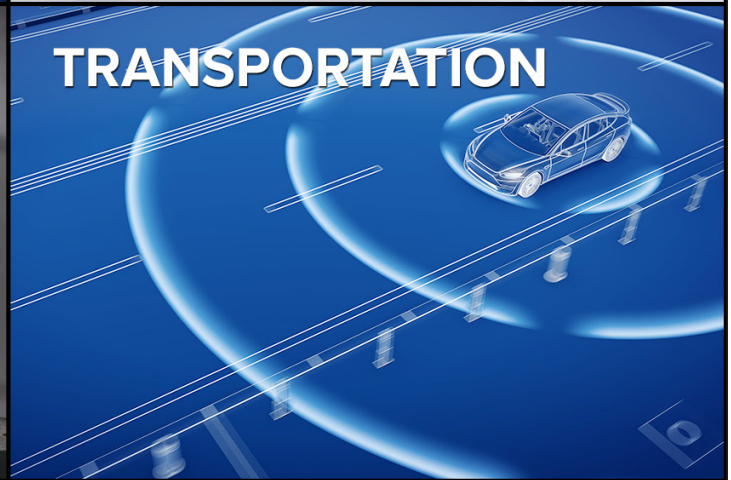
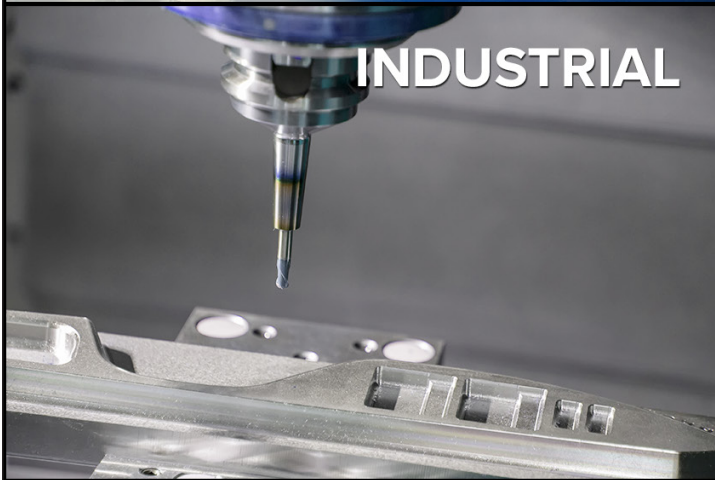


SOFTWARE SERVICES

Meeting your specifications while surpassing your expectations



SOFTWARE & PRODUCT DEVELOPMENT

When it comes to custom software, embedded controls, machine interface or automation, our software and product development experts provide you with exactly the level of support you require by us, in-house or contracted labor at your facility.

We design, program, verify and integrate real-time software for use in automation, avionics, CAD systems, safety systems, robotics and weapons systems, and numerous other applications.

By combining our development and verification services, you benefit from a *complete lifecycle solution*.

- » Embedded Firmware Development
- » Software development in many languages, including:
 - › ADA, Android, Assembly
 - › C/C++, Eclipse, IOS
 - › LabVIEW, Perl, Python
 - › QML, Qt, Qt Creator
 - › SQL, TCP-based protocols
 - › VB.NET, Visual Studio
 - › WPF, XAML, Xamarin
 - › Human-Machine Interface
 - › Many More

SUPERIOR IV&V SERVICES

Independent Verification and Validation isn't just about quality assurance; it's about ensuring that your safety-critical software and systems are built and running correctly.

IV&V Standards

- » Avionics/Military
 - › DO-178
- » Medical
 - › FDA, IEC 62304, CE
 - › QMS Validation, ISO 13485
- » Transportation
 - › IEC 62279, IEC 61508, ISO 26262
- » Industrial
 - › IEC 61508, IEC 61131

- » Cybersecurity Assessment & Mitigation
 - › Multiple Industry Certification Levels

Our Process

- » Requirements Development
- » Test Planning and Execution
- » Project Coordination
- » Discrepancy Resolution
- » Results Reporting

OUR RICH HERITAGE

For over 45 years, General Digital Software Services has maintained a reputation for meeting our customers' demands with accurate, on time, and cost-efficient software services. Let us demonstrate how we save you valuable engineering time, increase efficiency and provide you with third-party objectivity to improve your bottom line.

Client Sampling

- » Airbus
- » Boeing
- » Draper Laboratories
- » Ford Motor Company
- » General Motors
- » Gerber Scientific
- » Girgis Medical
- » Nipro Medical
- » Proteus
- » Rolls-Royce
- » Sikorsky
- » Triumph Engine Control Systems
- » United Technologies Companies

Our Experience

- » Avionics
- » Power/Energy
- » Medical Device
- » PLC/Automation
- » Manufacturing Automation
- » Machine Interface Systems
- » Custom Display Controllers
- » Embedded Systems Development
- » Remote System Monitoring
- » Embedded Linux

CODES & ID NUMBERS

- CAGE** | 1JA77
- DDTC** | Registered
- DUNS** | 06-551-9563
- ISO** | 9001:2015 Quality Management System
- NAICS** | 541511, 541512, 541519
- PSC** | 7010, 7021, 7025
- SAM/CCR** | Registered

Avionics Compliance RTCA DO-178

Medical Compliance IEC 62304

Industrial Compliance IEC 61508 IEC 61131

Transportation Compliance IEC 62279 IEC 61508

Corporate Structure: SBA Small Business Concern



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