



SOFTWARE DEVELOPMENT

THE RIGHT SOLUTIONS TO REALIZE YOUR BUSINESS VISION

Even if you're not a software company, software is undoubtedly critical to your business. Our experienced engineers listen to your business and technical needs and create innovative solutions, from embedded systems to desktop, cloud and mobile-friendly applications, that help you achieve your business goals.

We partner with you to accelerate your product development and lay the foundation for Digital Innovation so that you can attain and retain a competitive edge. Even if software isn't your core business, we can bring in new technology that can enhance your products or enable new revenue streams. We apply our expertise to refining requirements and developing end-to-end software solutions that solve your most complex problems, bringing in the right team members and skills exactly when they're needed.

CONSULTING ADVANTAGES

Deep industry expertise. Our highly qualified staff has decades of experience in designing, implementing, and validating custom software for mission-critical projects in highly regulated industries such as aerospace, medical devices, and transportation.

Focus on digital innovation. Our consultants understand the business, cultural, technological, and cost impacts of deploying new, and potentially disruptive, innovative technologies and processes, and how to mitigate those impacts. We bring the technologies and best practices from successful cross-industry deployments and apply them to your business to accelerate innovation.

Customer-first attitude. We take the time to really listen to our customers' needs, including the voice of their customers. We make sure that we fully understand functional objectives, schedule constraints, industry-specific requirements, and the need for different user experiences for specific user classes.

Quality and security baked in. We tap our deep understanding of quality and security standards to ensure that software we develop is compliant at all levels, and infuse quality and security into all of our projects, regardless of size. We bring in CISSP- and CSSLP-certified consultants from our Information Security practice as needed throughout the development process and to train your team on the latest security technologies and principles.

CUSTOMER SUCCESSES

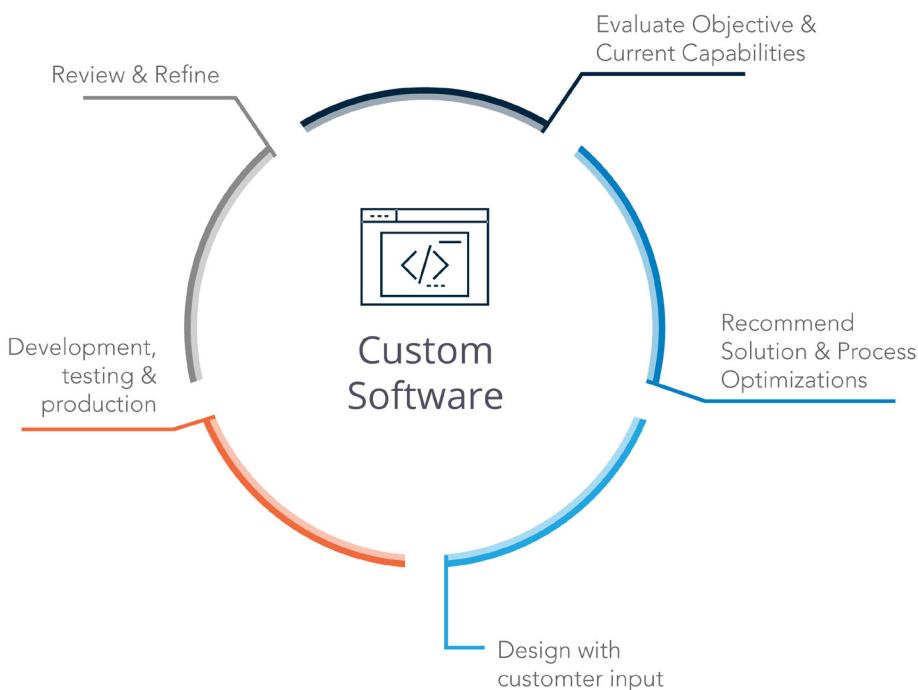
Our creative software solutions have garnered significant business benefits for our clients:

- > Brought \$5.5 million, 3-year avionics software project in on time and under budget, meeting each milestone. Our consultants helped reprioritize 6,000 initial requirements to 400 that best supported the business case, negotiated a credible roadmap, and achieved the first milestone delivery within the client's five-month deadline.
- > Created a user-friendly, scalable physician dashboard and better business intelligence capabilities in just three months that has improved patient experiences, care quality, and management effectiveness.
- > Executed on client's vision of the first aerospace platform-as-a-service that brings together disparate, proprietary avionics systems to give airlines real-time monitoring, preventative maintenance, and predictive analysis capabilities. Our software experts delivered a real-world prototype in just six months. New applications can now be rolled out in as little as ten days.

CORE CAPABILITIES

Our nimble software engineering services can accelerate and improve your processes and product delivery at every stage of the software development cycle. Our engineers work closely with your team through all development stages to:

- > Evaluate your business objectives and current development capabilities
- > Recommend a solution and ways to optimize your development process
- > Design software with input from all stakeholders, including customers and maintainers
- > Develop high-quality software, test, and release to production
- > Review the outcome and refine processes based on the results



AREAS OF EXPERTISE

Full lifecycle software development
SAFe Lean and Agile principles
Embedded systems
Device-level software
Mobile applications
Cloud solutions
Real-Time OS/System applications
HW/SW integration

TOOLS & ENVIRONMENTS

Ansible
AWS
Azure
Chef
Docker
Git
Jenkins
Kubernetes
Puppet
Vagrant
VMWare
Virtualbox
Python
C/C++
RTOS
Linux/Embedded Linux
Java
JavaScript
Qt, Qt/QML
QNX
Intel or ARM-based Systems
Structured & NoSQL databases