

# The ResQSoft Value Proposition

✓ **Faster Delivery** - because we create the entire structure and architecture for your application with automatically written code, we gain the ability to have more developers working in parallel without stepping on each other. Booz Allen found a 4x productivity improvement from our process and technology — and no code is created faster than automatically written code!

✓ **Code Quality** - although we use automatic code generation, the code looks like human programmers wrote it. Other code generator technology may have cryptic variables and procedure names, or have a “one size fits all” structure and set of frameworks that cannot be changed. In contrast, we have been evaluated by the U.S. Air Force, by CAST Software, and by others as having excellent code quality.

✓ **Agile, Frequent Visible Results** - we work in one month iterations, with (optionally) 2 sprints in each. At the end of each iteration there is a baseline code drop, so the evolving application is visible and can be reviewed for customer input. We don't charge you for 2 years of writing documents before you see any code.

✓ **SOA Enabled, Cloud Ready** - our customers normally want a Service Oriented Architecture (SOA) and they want to be able to easily and securely deploy the application on servers for access by browser. We deliver! And our software will run on the Mil Cloud, on GCSS-AF, on Amazon AWS, and on Microsoft Azure. SOA interfaces for external systems can be created also, with WSDL or JSON and REST.

✓ **Fewer Defects** - because we build the applications from reusable code, the code in our libraries undergoes exhaustive testing and benefits from improvements made in prior projects. When we do find a defect, fixing it once in a template typically fixes a dozen undetected occurrences of the same problem. We also use unit testing, regression testing, and coding best practices to target common programming errors, along with Continuous Integration and tools like PMD and CAST.

✓ **Code and Frameworks Fit Your Standards** - we routinely update our templates and generators at the start of a project to meet your desired program architecture and enterprise standards, and tune them throughout most of the engagement to get the best possible code quality. We document the solution in an Architecture Document, and we prove it with a sample application that can be tested and evaluated.

✓ **Legacy Proofing** - one thing is certain in the computer industry, and that is change. If you have a Visual Studio 2008 application, it is legacy by the time Visual Studio 2010, 2012, and 2015 have come and gone. Older Java applications have the same problem. But, because we generate the routine code in the application automatically, from metadata, we can switch templates and generate for a more modern platform. This greatly reduces the cost and time to stay current with industry developments!

✓ **Ease of Enhancement / Maintenance** - because the code is standardized, with meaningful variable names, and internal comments, it is easy to enhance and maintain. Our tools handle new development as well as modernization, so we can add enhancements to your code as we rewrite it, if desired.

✓ **Scalability** - we follow industry best practice design patterns, such as Model View Controller (MVC). Our design patterns emphasize performance, and we are happy to load test any time. We have developed applications with up to 122,000 registered users.

✓ **Security** - our code is secure, and it is routinely tested to be sure that it remains so. We can also integrate your own security framework if desired. Because so much of the source code is written automatically, on a secure server, it is very difficult for a malicious party to compromise the software.

✓ **Flexible Business Model** - we will do the work turn-key, or as a subcontractor to your favorite systems integrator. We will also form an Integrated Product Team and partner with your own in-house IT staff if desired.

✓ **Fixed Price Engagement** - we are willing to work fixed price, because our sophisticated estimating model and documented processes allow us to do so. Most firms will not do this.

✓ **No Change Orders** - since our company was founded, we have never asked a customer for a change order. We have had a few situations where a customer asked us to do some additional work, and offered us one. Can our large competitors say the same?

✓ **No Vendor Lock-in or Holdbacks** - we give you a copy of all the code, so you can maintain your system with no further license fees. You get the source code for everything, our own API libraries (if applicable) included. You can maintain your own system, or have your integrator maintain it - and we can provide training if needed, as well.