

RIVERSIDE

Engineering

*Committed to solving our clients'
toughest technology challenges*



We are experts in emerging technologies, integrating new features and capabilities while driving down long-term maintenance costs.

RIVERSIDE
IS A TECHNOLOGY LEADER
PROVIDING MODERNIZATION
SERVICES IN ARCHITECTURE,
SYSTEMS ENGINEERING,
INTEGRATION, SOFTWARE
DEVELOPMENT AND CYBER
ACROSS THE DOD

RIVERSIDE ENGINEERING, LLC
1921 GALLOWS ROAD
SUITE 120
VIENNA, VA 22182

<http://riversideengllc.com/>

Inquiries: SBEAS@solielcom.com

Qin Li
President
703-935-4030
qinli@solielcom.com

Elizabeth Palen
SBEAS Point of Contact
571-723-6361
epalen@solielcom.com



RIVERSIDE ENGINEERING

*a joint venture between Soliel, LLC
and Booz Allen Hamilton, Inc.*

Riverside has the size and technical expertise to tackle the USAF's greatest technological challenges. The combined experience of the team covers every major technical area.

Some of our notable accomplishments are:

- Cloud analysis/engineering in support of milCloud 1.0, 2.0, AWS and Azure integration and migration
- Providing architecture management and maintenance for DoDIN, including planning the "Next Generation"
- Cybersecurity expertise in all areas including offensive and defensive operations, situational awareness, RMF compliance, analytics, mitigation, hunting, next-generation design and development
- Engineering support arm for the DoD Cloud Working Group and a contract for the DoD supporting analysis, pilots and integration for "Emerging Technologies and Innovation"
- Extensive software development skills using traditional, agile, and hybrid methods to meet customer preferences and needs
- Application maintenance, management and modernization adding new features such as mobility-based on new technologies
- Web system and application design and development serving very large enterprise systems
- Systems integration featuring DoD and Federal-wide systems including collaboration systems

WE DELIVER

We care. Riverside Engineering's components combine large-company skills, breadth and geographical coverage with the attentiveness and responsiveness of a small company with outstanding CPARs.

We provide the right people, solving problems with purpose and passion.

Our history is one of customer focus and delivering reliable results every time. Our team was asked to recover a major security breach on a system that serves the entire nation. We took over, identified the problems, developed a new concept, built a proof-of-concept (using agile methodology) in a secure cloud and are integral to the current development of the new system.

CYBERSECURITY

Our joint venture, amongst competitors, has a strong, expert cybersecurity staff with the best, complete set of accomplishments in the cybersecurity field.

- Our team was selected in a single-award contract to enhance cybersecurity across the Federal Government by DHS.
- We worked closely with DISA to add security reviews into an enterprise-level agile DevOps to achieve a DevSecOps approach.
- We consult for NIST on cybersecurity standards, helping them stay ahead of rapidly changing threats.
- In addition to the United States, our team provides cybersecurity support to countries in Asia, the Middle East and Europe.

EXEMPLARY SOFTWARE

Our DevSecOps is fast, efficient and secure

We have experience with legacy languages such as COBOL, C++, C and with contemporary ones including Java, Python, C#, GO, Ruby on Rails, and other modern coding technologies. We follow behavior- and/or task-driven development (BDD/TDD) where we drive based on quality, ensuring that quality and security are built in from start to finish. We typically use the SAFe methodology but are flexible to meet mission needs and requirements and will adapt to our customers' needs.

The modern approach provides features such as giving customers full transparency throughout the process. We develop test scripts prior to implementation and make them available to our customers. We work in sprint cycles sometimes as short as a week, though typically use 2- to 4-week cycles depending on the need, urgency and other factors. Our approach is team-oriented so we can learn from and leverage each other's strengths. This gives us flexibility in supporting our customers' needs, particularly when changes are needed in-flow.

CERTIFICATIONS

- CMMI-DEV LEVEL 3 & 5
- CMMI-SVC LEVEL 3 & 5
- ISO 9001:2015
- ISO 20000-1: 2018
- ISO 27001: 2013

RIVERSIDE
Engineering



SYSTEMS ENGINEERING

Riverside is skilled in research, analysis and planning, implementation and integration.

The DoD depends on us for detailed and complex analysis of alternatives (AoA), engineering analysis, and trade-offs. Our trademarked systems-analysis approach provides guidance for our engineers and features thorough analysis and clear recommendations supported by facts — all part of the toolset we are using to provide enterprise architecture support for DoDIN, and engineering support for emerging technologies and the DoD Cloud Working Group. Our process —Plan, Analyze, Research, Design, Implement and Optimize— is a core part of our engagements.

With our expertise in cloud, design, data science, analytics, digital solutions, engineering, and cybersecurity, we conceive and deliver modern solutions that give our clients new features quickly with the agility to evolve and improve to keep pace with technology. This technological expertise, in combination with best industry practices and the right people with the right experience, make Riverside Engineering the right team for the job.