![QA Consultants — an ALTEN company]

CASE STUDY
Analytics 4 Life Test Automation

AT A GLANCE

- Analytics 4 Life (A4L) chose QA Consultants to design and execute testing in the following areas: API testing, performance scripts to validate load and standard response time, security testing to uncover flaws in the system that could compromise data and functionality, and compatibility and accessibility testing to validate functionality and compliance to ADA standards.

> "The QAC team enabled us to complete very complex and highly specialized QA testing requirements needed for state-of-the-art medical solution deployment."
>
> **A4L QA MANAGER**

ANALYTICS 4 LIFE®

A4L is a digital health company that uses AI to diagnose coronary artery disease at the point-of-care. Its imaging technology is designed to help physicians assess the presence of coronary disease, using signals from the body instead of radiation or contrast agents.

THE CHALLENGE

The A4L team needed a partner with strong testing expertise. They were not accustomed to communicating their internal process standards to vendors they hadn't previously used, which brought about challenges with documentation standards, internal reviews, use of tools, and process standards. As accessibility testing was new for A4L, QAC provided expertise in this area. QAC also delivered training on the usage of test management and project management tools Jira and Zephyr.

THE SOLUTION

A comprehensive set of tools were recommended and introduced to the A4L team to manage the project. The QAC team managed deliverables to satisfy FDA requirements. They tested 27 web services and designed 700 test cases, which were automated using SAOP UI, a web service testing application.

QA Consultants
an ALTEN company

QA Consultants is the nation's preeminent test automation and quality engineering firm due to its quality engineering advisory intellectual property, deep software test automation capabilities, and proven successful outcomes. Leveraging its proprietary Quality Maturity Framework methodology to deliver assessment programs customized to each client's application environment, schedule, and budget, QAC aligns every assessment with each client's quality engineering environment improvement strategies.
Learn more at qaconsultants.com

THE RESULTS

INTRODUCED
a comprehensive set of tools to A4I to manage testing execution reporting.

PROVIDED
all required audit documentation to meet FDA requirements.

ENABLED
resources at lower cost than FTE or local contractors.

CONTRIBUTED
to completing projects on time and at a higher quality.

Our Deliverables

- Operational Performance Qualification Plan
- Tool validation plans for SOAP UI/Load Runner and Jira/Zephyr
- Software Specification Requirements (tools)
- Test Cases
- Traceability Matrix
- Deviation Reports
- Summary of Test Results

Ready to elevate your quality assurance and testing processes?

Partner with QA Consultants for customized, reliable, and FDA-compliant solutions that meet the highest industry standards. Contact us today to learn how we can help you achieve superior quality and on-time delivery for your critical projects.

or go to qaconsultants.com/contact and fill out the form requesting our services.