

We can do that.



consilium1

Enterprise Application Development & Integration: Global Enterprise Performance Testing

Our global **enterprise client** was facing an **application process** surrounding their **vital intellectual property** that was **full of issues, buried under revisions, lag time, and escalating costs**. We stepped in, **redesigned the process, took over testing, and drastically cut costs**. Basically, we did what we **do best: got the job done right**.
| **Problem solved.**

Our client, one of the world's largest diversified technology, media, and financial services companies is focused on solving some of the world's toughest problems. With products and services ranging from aircraft engines, power generation, water processing, and security technology to medical imaging, business and consumer financing, media content, and industrial products, they serve customers in more than 100 countries and employ more than 304,000 people worldwide.

PROBLEM

Our client was facing software development, systems integration and performance testing challenges including coordinating offshore software development teams into an efficient, seamless process:

- **Lack of streamlined approach, structure, management, and build criteria contributed to an inefficient and unsuccessful application development process.**
- **Testing costs were very high and success rate was far below acceptable standards.** Initial pass, "First Time Right" code was at a 58% success rate.
- **Accelerated requirements, increased technical complexity, and escalating Software Development Life Cycle (SDLC) costs.**

SOLUTION

The consilium1 team stepped in to re-engineer the process and deliver a solution in the following ways:

- **Redesign.** Using proven methodologies and standards, the c1 team re-engineered the entire process to increase productivity.
- **Program management.** In addition to owning the process, c1 stepped in to manage the application development and integration teams, as well as the vendors, to introduce consistency and establish objectives across the board.
- **Establish and automate.** c1 created a custom toolset, established entry and exit requirements for code, established build criteria, developed automated workflows and automated the build process.
- **Standardize and control testing.** Mapping to best practices and proven methodologies, c1 managed and improved the testing process.
- **Technology optimization.** Utilized virtualization to improve load injection capabilities without increasing infrastructure.

RESULTS

This comprehensive solution delivered for our client in several ways:

- **Testing Life Cycle was shortened by 50%.**
- **Cut 50% of overall testing costs.**
- **"First Time Right" code success rate rose from 58% to 98% in the first six months.**
- **Significant decrease in production down incidents.**
- **Increased testing capacity and throughput by 100%.**
- **Virtualized load injection infrastructure to allow for representative high-volume load testing.**
- **Developed a documented, repeatable process model with supporting tools to translate to additional test environments.**

PARTNERS



For more information about c1, visit consilium1.com, call us 1-866-631-5494, or contact us at sales@consilium1.com.