SUCCESS STORY

COMPANY PROFILE

INDUSTRY:
Computer software

PRODUCTS:
Multimedia and digital media software

COMPANY SIZE:
11,144 Employees (2012)

REVENUE:
$4.40 billion (2012)

HEADQUARTERS:
San Jose, CA

BRANCHES:
Worldwide

QUALITY ASSURANCE PRACTICE

Method360 has a dedicated QA Practice with proven capabilities that focus on proactive, comprehensive end-to-end Quality Assurance and testing solutions that allow for predictable quality outcomes with on-time delivery within budget. Our clients depend on us to ensure their applications are production ready, conform to stated requirements and meet all quality standards. We have worked successfully with many companies to define and integrate test frameworks and tools into their support processes across the following areas:

- Pre-deployment and post-implementation test support
- Test Automation
- Performance Testing

THE BUSINESS CHALLENGE

As an FDA validated environment, Synarc requires that all systems be validated regularly using regression testing, especially during the release of new software version updates. A full manual regression test exercise of these systems requires months of labor-intensive work from the SQA team to create all the test artifacts and evidence needed. This results in considerable effort on behalf of strategic resources that must re-prioritize critical initiatives to support these regression test efforts at significant cost. Synarc had a need to include test automation as a part of their strategy to more rigorously and cost-effectively test their systems, fully document the QA processes and provide detailed test results tying back to system requirements as evidence the system is fully tested.

THE SOLUTION

Method360’s Quality Assurance practice partnered with Synarc in the selection and prioritization of processes to automate this regression suite leveraging HP’s QuickTest Professional and Quality Center tools. Our seasoned resources prioritized the modules of Synarc’s primary applications, namely StudyDirect and Image Workstation. The team automated this functionality working with Synarc to build in the required regulatory and compliance elements, thus allowing the new automated tests to meet all validation requirements and the results serve as an audit trail.

THE BENEFITS

Over the course of the project, the Method360 Quality Assurance team developed and maintained automated test scripts that now provide full requirements coverage for both the StudyDirect web-based platform and the Image Workstation client application. Executing these test scripts manually would require months of effort for the whole SQA team. With automated validation, SQA is able to leverage fewer resources over the course of days instead of months to complete a full regression test of these key areas. The ability to target specific application functionality in the case of small patch releases, as well as the ability to run on multiple development and testing environments provides enormous value to Synarc with a measurable return on investment.