Case Study

"The team at Stelligent are experts in automated testing, continuous integration, and building quality into the development process."

– Troy Carroll
Chief Operations Officer
Naia Corporation

INDUSTRY
Software Development

PROBLEM
Monitoring Software Quality

SOLUTION
Automated Quality Management

RESULTS
Stelligent used its expertise in continuous integration, automated testing, and quality management to develop an infrastructure to support the quality monitoring needs of Naia.

NAIA CORPORATION

Stelligent Enables Automated Quality Management at Naia

Naia Corporation develops custom software using the .NET platform.

The company needed a monitoring solution to proactively track software quality and take corrective action before defects were released to a live system.

Stelligent established a robust infrastructure for building, testing and monitoring quality trends for Naia Corporation. A fresh look into the development quality management processes utilized by the Naia Engineering team was spearheaded by Stelligent in an effort to create a viable platform easy enough for any developer to adopt and capable of monitoring the quality of all present and future software products.

Quick Start guides trained Naia's engineers and management in topics related to using the quality monitoring and management tools, writing automated tests and interpreting code metrics. The team also analyzed snapshots and trends in the metrics and put together a quality roadmap.

PROBLEM

- To lower development costs and future maintenance, Naia wanted to monitor, discover and fix software defects early in the SDLC
- Fewer defects meant better customer satisfaction and retention
- The management team needed a monitoring platform to proactively track quality and take corrective action before bugs were deployed to a live system

SOLUTION

- **Convergence** - Stelligent deployed a quality monitoring system, specifically built to monitor software in all stages of the SDLC
- **Continuous Integration** - Stelligent implemented CruiseControl.NET (CC.NET) and NAnt for optimal monitoring.
- **Quick Start Guides** - Managers and developers used these short guides as reference to the tools and practices.

Select Clients

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ABOUT STELLIGENT

Stelligent provides software delivery automation solutions in the Cloud. We help organizations automate software delivery and move toward a Cloud infrastructure. This reduces costs and gets software to users more quickly.

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BENEFITS

By running the automated tests and inspections (static and runtime analysis) with every check in to Subversion version control repository, Naia obtained the capability to discover defects early in the development cycle. This enabled Naia to save money because the associated changes required much less effort to fix.

Software releases became more consistent and less stressful, because tests were run early and often, as opposed to once, prior to a scheduled deployment.

TOOLS

- .NET Platform
- VisualStudio.NET
- C#
- CruiseControl.NET
- Convergence
- NAnt
- NCover
- NUnitAnt

WHY STELLIGENT

Stelligent provides software delivery automation solutions in the Cloud. We've helped the National Cancer Institute, Sea to Shore Alliance, Market Leader, HP, Symantec, Cardinal Health and many others automate software delivery and move toward a Cloud infrastructure to reduce costs and get software to users more quickly and more often.

We have assembled the premier team of experts focused on Continuous Delivery in the Cloud. We specialize in Continuous Integration and Delivery, Cloud Migration and Elastic Operations - providing our customers the ability to completely outsource their Operations arm. Our CTO is the author of the award-winning book *Continuous Integration: Improving Software Quality and Reducing Risk* and the IBM developerWorks series *Automation for the people*.