Performance and Capacity Testing for TEAM Software

TEAM Software
by WORKWAVE®

> "I am very pleased with the project myself. We went live and had no issues! The proof of the pudding is in the eating - and we all did that. Great job helping us get there, being flexible, and acting with urgency."
>
> **Chip Irek**
> CTO and Project Sponsor TEAM Software

Solution & Approach

- Identify performance objectives and risks
- Conduct a tool analysis and POC
- Selected LoginVSI for Windows application testing
- Performance testing that mimicked production usage and growth
- Determine system breaking points under stress and tuning needs

ROI

- Zero production performance capacity issues on go live
- Under budget through time and resource management
- Established a model for baseline CI/CD/CQ with continuous performance engineering

Challenge & Test Requirements

- TEAM Software was challenged by a software modification that needed to meet high growth objectives
- QA Consultants identified risk areas, established clear requirements for the areas under test, and selected tools to meet project objectives
- QA Consultants was challenged with developing a load test solution that included a thick client Windows application delivered via a Parallels, Web based portals, and API infrastructure
- The solution required an integrated performance and capacity test across 3 platforms to the same database

Results

- Identified and optimized slow database queries
- Future-proofed testing in a Continuous Integration Pipeline
- Seamless knowledge transfer for internal staff
- Determined web front end break point capacity
- Improved infrastructure based on test results
- Implemented API performance related improvements

LOGINVSI

QA Consultants