marlabs
driving digital agility

Strengthening software testing processes and accelerating product delivery

Client

Our client is a worldwide leader in innovative products and services for veterinary, food, and water applications. Their companion animal and equine businesses combine biotechnology with medical devices and information technology to support veterinarians' efforts in providing excellent care while building successful practices. In addition, their food and water businesses employ

Challenge

Our client was equipped with a comprehensive information management system for veterinary practices. They were facing delays in releasing newer product versions due to software testing challenges. Hence, they were seeking a partner to ramp up software testing of their existing software and strengthen testing processes. The partner had to assure product quality by ensuring that it had no bugs and that no defects got into production. In-house skills in testing also needed to be augmented.

Marlabs was chosen as the testing partner due to our proven track record in successfully executing testing projects, and our robust methodology and processes for software testing.

Marlabs Solution

Our testing team comprises knowledgeable and experienced test professionals. Marlabs undertook complete ownership of the entire test life cycle. We conducted a comprehensive training program on software testing towards helping our client strengthen internal processes.

Our comprehensive methodology addressed the end-to-end process from test strategy, test process definition and detailed test planning to development and execution of test cases and defect management. The focus was on manual software testing. Using relevant metrics, we helped our client in defect analysis to enhance the quality of their existing software.

By addressing defects observed in prior product releases, we ensured that these defects did not re-appear in newer releases.

Apart from functional testing, the team improved the design of previously developed test cases and performed regression testing. Establishing a Requirement Traceability Matrix, we enabled bidirectional traceability during the entire project lifecycle.

Benefits

- Increased product quality and performance
- Mentored client internal testing teams
- Strengthened software testing processes
- Enabled software releases "on schedule"
- Reduced software testing costs
- Enabled the client to stay focused on building the core product

Technologies

- PowerBuilder
- Sybase
- Bugzilla