**Test Automation for a Steel Fabrication Software**

### Client Overview

Steel Fabrication Software provider; application provides operational details of fabrication process at all stages of production and shipments.

### Business Requirements

- Conduct end to end functional and automation of the Desktop and Web Applications
- Understand software workflow, fabrication structures
- Automate Tests for Regression execution; Conduct Regression maintenance
- Conduct installation testing for 300+ test bed environments

### Our Solutions

- Implemented a Pilot to address the QA Process challenges and Automation Capabilities
- Streamlined QA Process to prepare comprehensive Test Plan, Test Cases (which were created on an ad-hoc basis by client)
- Conducted Gap analysis, Product knowledge
- Test Tool recommendations : Test Complete
- Conducted Manual Testing, Compatibility, Automation, Regression, Smoke and Installation Compatibility Testing
- Customized framework for Automation regression suite execution
- Web browsers Compatibility testing support ((Chrome 43.0, 53.0,IE 10.0/IE 11.0,FF 39.0.3,Safari 7.0,Opera 31.0, Edge))
Our Approach

- Development Framework – .NET;
- Development Language – VB;
- Database – SQL Server (2008);
- Scripting Language – VB script

Business Impact

- 100% Test Coverage
- 95% of Test Cases automated for Regression
- Release cycle efforts were reduced from 10 days to 3 days
- Introduced standard Test Processes, Test Templates, Reports and Checklist
- Reduced scripting time

Tools

- Test Management Tool: QA Complete
- Automation Tool: Test Complete

Engagement

- Team Size: 5
- Duration: 5+ Years

INDIA
Chennai
+91 44 6606 9100
Bengaluru
+91 80 4645 7777
Mumbai
+91 022 6215 4028

USA
Cupertino | Princeton
Toll-free: 1 888 207 5969

SINGAPORE
+65 9630 7959

UK
London
+44 773 653 9098

General Inquiries: info@indiumsoftware.com | Sales Inquiries: sales@indiumsoftware.com

www.indiumsoftware.com | @Indium Software