Independent Testing

About the Client

The client Is fully owned subsidiary of Largest Tele Communication giant in the world and one among the largest web hosting leader in delivering the online solutions to SMB worldwide. Client is ranked No. 21 in the global fortune 500 list of companies. The Client solutions provide web hosting, application hosting and SaaS applications that enable SMBs to drive online success. Client with their customers and partners can extend their global reach with access to business solutions in more than 200 countries

Effective usage of automation frameworks leads to 70% reduction in regression test cycles

Business Needs

- Legacy, cloud and next generation products that are used for the Customer's hosting plans on various platforms.
- The Customer was incurring high IT costs and faced various compliance issues. Needs to improve the time-to-market

Technology Stack:

- Selenium Grid
- Web Driver
- SoapUI and load UI
- Test Runner
- Push-to-test and Jmeter
- Python API testing
- Shell
- Perl
- Linux
- Test Link
- Team Track
- Jira, etc

Testing Types:

- Functional (API, Web Services, Portals, etc)
- Automation Testing
- Performance Testing (Scale, Load, Stress, Soak

Business Challenges:

- Client needs a long term QA partner instituting a Testing Center of Excellence for delivering the quality excellence for their legal and next generation hosting products
- Large testing needs for the home grown and third party hosting products but no central organization dedicated to testing business critical applications
- No common understanding on testing processes and methodologies, leading to optimal resource usage
- Silo-centric methods and lack of discipline in testing resulting in high costs
- Unable to sustain the quality with the swift in market transformation resulting customer despondency

Our Solutions:

- Oakridge strategic initiative it is decided to establish a Testing ODC as an IVV (Independent verification and validation) for Client and move forward to address their core challenges
- Defining the Vision and building TCoE using Oakridge testing frameworks. Established a highly scalable frameworks both from operational and execution perspective
- Adopted Oakridge QControl processes and procedures for effective knowledge management and implementing a CMMI L4 and Six Sigma Practices
- Defined the test execution modal using Agile Scrum Testing

- Established the cross functional teams testing multiple products over variant platforms and technologies
- Established a reliable automation frameworks resulted in fully automated regression testing

Key Benefits:

- Established a high profile ODC with QA as a core competence leveraging the IVV services and the next generation testing frameworks
- Aiming --
  - Near-zero defect delivery
  - Round the clock availability
  - Improved quality of software lead to higher customer delight
  - Reduced testing cost by almost 50%
  - Scalable team structure
- Improved quality of software lead to higher customer delight
- Demonstrated and sustained the knowledge of quality frameworks across the board
- Reduced testing cost by almost 50%
- Drastic momentum in go to market strategy
- Effective usage of automation frameworks lead to 70% reduction in regression test cycles
- Oakridge TCoE strategy enabled the Client to achieve overall operational excellence and enhanced business value