



# QUALITY ASSURANCE & TESTING

## Quality Assurance & Testing

Testing of software quality briefly takes into consideration, functional testing, performance testing and security testing. Motivity Labs as an efficient and expert team, not only provide you with the resource expertise but also are able to take care of IT quality issues. Motivity Labs on the whole draw relevant standards and defined procedures, in order to complete the quality assurance process. Providing IT support on an end-to-end basis is our forte and this can create a huge potential for our client organizations.

Taking care of the functional testing part is one of our daily activities for our valued clients. Systematic and methodical approaches are followed stringently, irrespective of the fact, that, whether upgraded systems are installed in the client interface. Besides, Motivity team also takes into account one-off tasks which are not covered by functional testing. These tasks relate to specific business processes, technologies or products as well.

Team Motivity has the expertise to provide the right kind of professionals who can deal with complicated IT issues. We also offer specialized services to implement the required infrastructure and processes in consultation with the customers. This provides an advantage to make them inclined to respond, within a record time. In turn, the client organizations conserve resources.

We often adopt a decisive approach towards our managed services. Such an approach requires an efficient delivery model, which calls for automated processes. As a dedicated team, we take care of the following services:

- IT Program Management
- IT Project Management
- Business Process Analysis
- Automation of software testing
- Testing of SAP® systems
- Load and performance tests
- Security tests
- Software tests in manufacturing industry (e.g. embedded systems)
- Non-functional testing/technical software quality
- Siemens PLM

## Quality Assurance & Testing

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To combat challenges, Motivity Labs offer specialist know-how to their respective clients, in terms of procedures, technologies, and tools. In addition to the above, Motivity Labs, provide support in the field of industrial electronics. We provide manpower on the customer's site, in order to facilitate delivery models. As a matter of fact, our resources are exclusive, who share their expertise on developing projects, and play an active role in delivering state-of-the-art solutions on behalf of the clients.

Our forte lies in developing optimized solutions which lend effective cost-benefit ratio for the client. Our methodologies are all proven and tested on experimental platforms. Tailor-made and customized services are also enabled for high-end customers looking for lean solutions.

These are some of the testing services that we deploy

### **Mobile Testing Services:**

Motivity Labs provide testing services for a variety of mobile devices types, resolution, GUI and processing abilities. We provide assurance of making your product reach the market, through overcoming a number of testing challenges. Motivity Labs provide an extensive lab which is fully equipped to enable mobile test automation framework. We are one of the best service providers who ensure maximum testing coverage within minimum time.

### **Website Testing Services:**

Websites created for clients, play an active role in promoting their services. Therefore, it is understood that websites must always be superior in quality and functionality. Motivity Labs provide end-to-end web testing solutions for clients who are keen to work on improvements. Our expert team addresses the functional and performance issues of the clients' website in order to provide a continuous support.

### **Test Automation**

Properly implementing test methodologies can be a major challenge for any organization. Clients have to choose the correct tools which shall enable improvement of business on the whole. We specialize in test automation, and can assist in automating your projects at any particular stage. These kinds of services need to be aligned with your business goals as well.

## Quality Assurance & Testing

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### **Test Process Improvement-**

Test Process Improvement (TPI) is an assessment of an organization's testing maturity. This is aimed to improve its testing and QA effectiveness and efficiency. Motivity's TPI solution gives you the versatility to understand the present position of your program and provides you with strategies for advancing your program to meet long-term business objectives.

### **Security Testing:**

Motivity Labs provide Security testing which is a verification process that the information on the system is protected. Data verification ensures that the system maintains its intended functionality. Motivity labs deploy a structured methodology for software security testing. The process accompanies the entire Systems Development Life Cycle (SDLC) to detect the probability of future critical faults.

### **Unit Testing**

Our business goal is to detect bugs in an early stage through conducting accurate and superior unit tests. At the same time, we provide a detailed documentation of our activities. This ensures that the bugs and inconsistencies that are detected early in the development stage can be re-factored by the development team.

### **Accessibility Testing**

Motivity labs have established a unique accessibility testing service model, for our valued clients. This includes testing compatibility with Web Content Accessibility Guidelines (WCAG). We also follow the Americans with Disabilities Act (ADA) standards and ensure complete accessibility.

### **Load Testing**

When implementing an Extract, Transform and Load (ETL) system for business intelligence, one of the greatest risks is rushing a data warehouse into service without comprehensive testing. Motivity Labs ETL testing process ensures that data and systems are tested systematically for errors, bugs, and inconsistencies before the entire data is integrated.

### **Hardware IV&V Testing**

Our dedicated team offers dedicated services through combining test automation checking and manual functional testing. Simultaneously, we provide a detailed report outlining the areas of compliance and non-compliance. This is accompanied by an action plan suggesting recommendations and prioritization of areas that require immediate solutions or improvements.

## Quality Assurance & Testing

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### **Healthcare Testing Services**

With the increasing demand amongst clients for interoperability, the need arises for strict adherence to regulatory mechanisms. With such cases rising, we deploy specific technology expertise, to ensure end-user technology compliance. We have extensive experience in healthcare software testing both in manual and automated systems. Such a service surely takes off a huge responsibility from the client interface to that of ours.

### **Telecom Testing:**

This is a specialized service for our clients, who look for sophisticated and diversified service offerings. With a transformed market, service providers and operators must work with the highest efficiency to differentiate themselves and remain competitive. Primarily, we offer absolute differentiation in order to provide state of the art services for our valued telecom clients.

### **Training Courses**

Motivity Labs offer a variety of training courses for the target audiences. These courses take into consideration, testing principles, test planning, test methodology and test automation.

### **Testing Tools**

Motivity Labs allow their experts to work closely with telecom and test equipment manufacturers. They are the major stakeholders, who provide us with state-of-the-art test equipment, software and OSS and Monitoring tools.