RELIABILITY
FOR YOUR BUSINESS
TO ENABLE YOU TO REACH EXTREME HEIGHTS

Leveraging the Testing ecosystem to offer comprehensive Testing solutions that deliver predictable quality and faster time to market for your applications

TEKMINDZ ™

Overview

The role of software applications continues to evolve within enterprises with software applications forming a crucial part of business' strategic roadmaps as a key driver for competitive differentiation. As the IT landscape becomes more and more competitive - and the application environment rapidly changes to accommodate the disruptions caused by the mutual reinforcement of Big Data, Cloud, Social networks and Mobile technologies - in this new ecosystem, application strategies of enterprises will change drastically from being at a cost reduction and efficiency standpoint to becoming catalysts for revenue growth, customers acquisition and innovation through new products and services.

With the application environment facing radical changes and businesses required to respond to such paradigm shifts, software quality and reliable performance will become more and more critical for enterprises to meet escalating business demand for agility, speed, innovation and cost-effectiveness.

Quality Assurance in Software Functionality

Software quality and testing are a constant concern in software production. Each defect detected by QA amounts to delay in the delivery of the software, and yet when a defect slips through, QA is found lacking in capacity which could potentially be fatal for the business. Businesses thus increasingly seek ways to minimize the cost of testing, yet at the same time, look for uncompromising quality.

Maintaining dedicated testing teams is time and resource intensive. And therefore, enterprises look for testing solutions that enable them to significantly ameliorate their application portfolios, save resource investment and allow them to focus on their core business.

TekMindz's professional testing and QA services empower enterprises to recalibrate their growth strategies by bringing in quality and timeliness for their software production.

Testing Center ofExcellence

TekMindz's Testing Center of Excellence (TCoE) leverages the Testing ecosystem to offer comprehensive testing solutions to deliver predictable quality and faster time to market for clients. Our TCoE combines and establishes testing methodology with a wide range of industry standards and testing tools for its clients to get superior quality software, enhance business readiness and realize competitive advantage.

TekMindz engages with small and midsize enterprises, ASPs and ISVs to offer flexible engagement models that best suit clients' requirements. TekMindz's Center of Excellence for Testing aims at fostering excellence in third party testing of software through deployment of competent professionals and implementation of international standards, including a Global Delivery Model.

TekMindz's Testing Approach

The TekMindz Testing CoE follows the following principles:

- Leveraging the testing ecosystem to offer comprehensive testing solutions.
- Linking ROI not only to cost but extending it to quality, risk and time to market.
- Understanding and defining the right testing services requirements and scope for the client organization with focus on end-user standpoint.
- Effective integration of our testing services with the client's internal AD team as well as / or third-party vendor providing application services for the client.
- Defining, managing and implementing metrics to manage application testing and quality.
- Defining and managing well-established Service Level Agreements (SLAs) with client.

We believe that testing needs to begin at the very start of a project and become an integral activity as development progresses. Using TekMindz's lifecycle management approach, our testing process focuses on quality and defect prevention while reducing the development time and cost and increase market readiness to deliver rapid time to market.

Testing Solutions and Offerings

TekMindz's Testing service offers testing solutions for Product / Application Testing across diversified domains including (but not limited to) distributed environments, cross-platforms, mobile and web. We have performed simple standalone Portal / Product Testing for clients as well as executed testing for complex Products / Applications / Solutions with multiple components, potentially sitting across different systems (heterogeneous as well as homogenous). We understand how to synchronize Testing across all subsystems of a solution to identify the business' critical issues which are of vital important to end users. We have successfully implemented Test solutions using different technological platforms such as Java, .NET, PHP, Python and Ruby which typically utilizes one among MS SQL, MySql, Oracle or Postgresql for their persistence data needs.
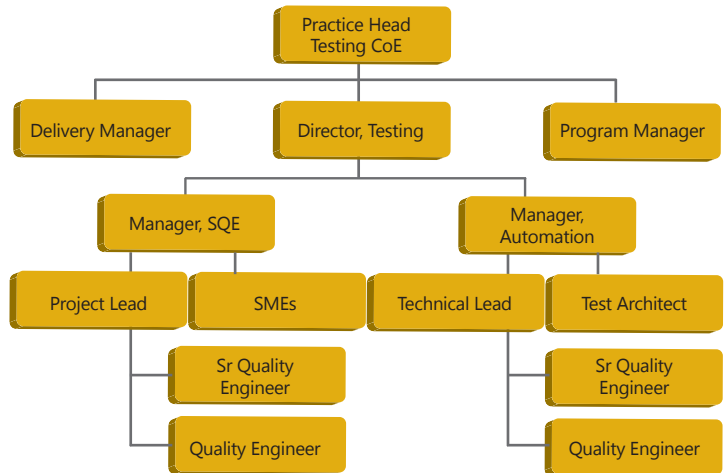
Business Value

TekMindz's Center of Excellence for Testing drives business value for clients by bringing in best practices in quality assurance capabilities that define and manage their requirements and provision value metrics to enable them to adapt to, and exploit, business opportunities created by the changing technology landscape.
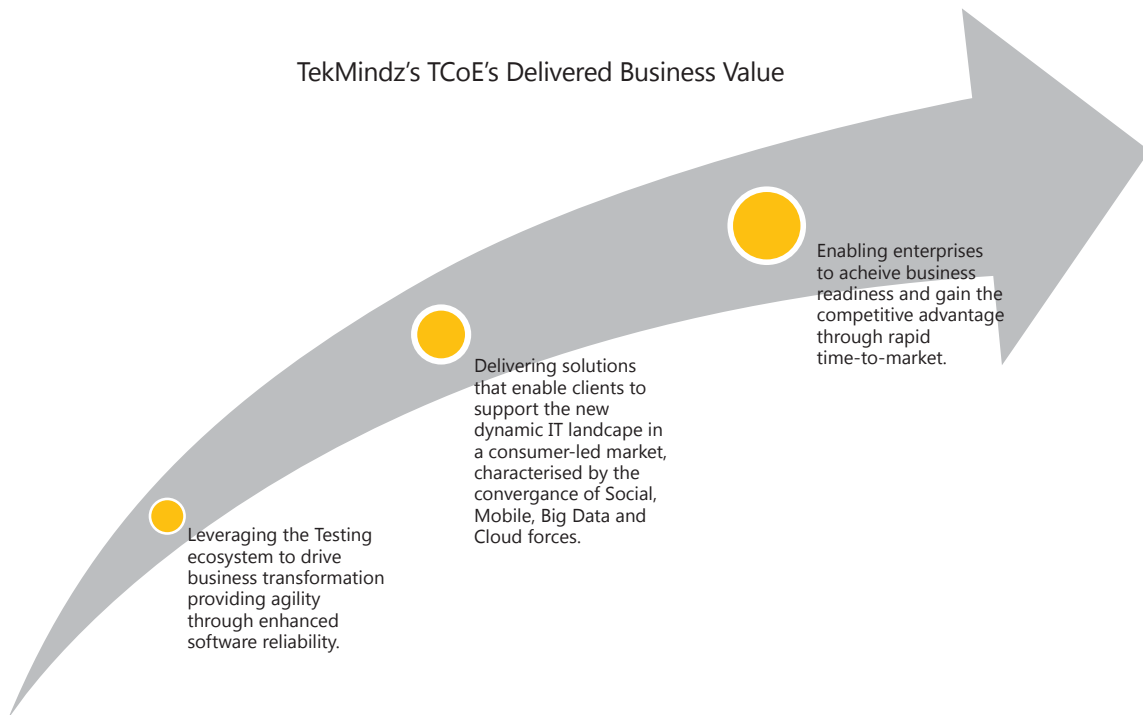
TekMindz's Offering Models

Competency, low cost, sophistication and quick turnaround drive TekMindz's professional Testing and QA services. Our dedicated teams and labs are equipped with the latest tools, resources and infrastructure that completely satisfy testing and security requirements of clients.

Testing CoE Team Structure: Combining Talent & Infrastructure

TekMindz's TCoE's Delivered Business Value

Leveraging the Testing ecosystem to drive business transformation providing agility through enhanced software reliability.

Delivering solutions that enable clients to support the new dynamic IT landcape in a consumer-led market, characterised by the convergance of Social, Mobile, Big Data and Cloud forces.

Enabling enterprises to acheive business readiness and gain the competitive advantage through rapid time-to-market.

The following Testing areas are typically covered in any application / product life cycle (not all of which may be applicable for a given Test application / product / scenario):

A complete Testing process is segregated under the following two broad categories which, further, have dependencies and overlaps depending on each case and the nature of and phases within a project:
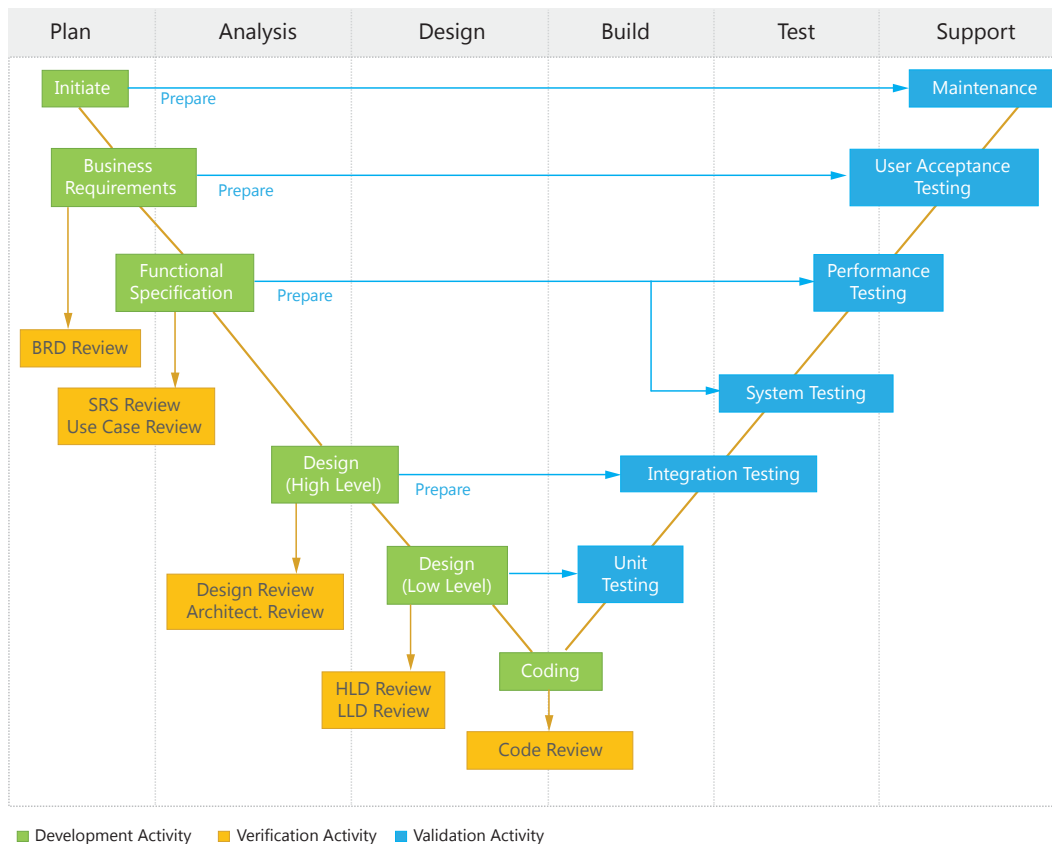
Automation

- Expertise in executing Automation using Selenium and QTP for Functional Testing.
- Performance testing using Load Runner and JMeter.
- Shell, Perl, Tcl and Batch Scripting.

Manual Testing

TekMindz's Manual Testing process leverages the V-Model methodology by addressing the complexity of effectively connecting with the client's application development team throughout the software development and governance process. By engaging QA right from the pilot phase, through to the final implementation and maintenance of the software our, TCoE delivers superior quality product.

TekMindz's TCoE's: V Model Approach for Manual Testing

WHILE YOU FOCUS ON YOUR BUSINESS' GROWTH...

HOW DO YOU ADDRESS THE CHALLENGE OF MITIGATING RISK, MINIMIZING COST, GAINING AGILITY AND DISENGAGING FROM THE BURDEN OF LEGACY APPLICATION PORTFOLIO?
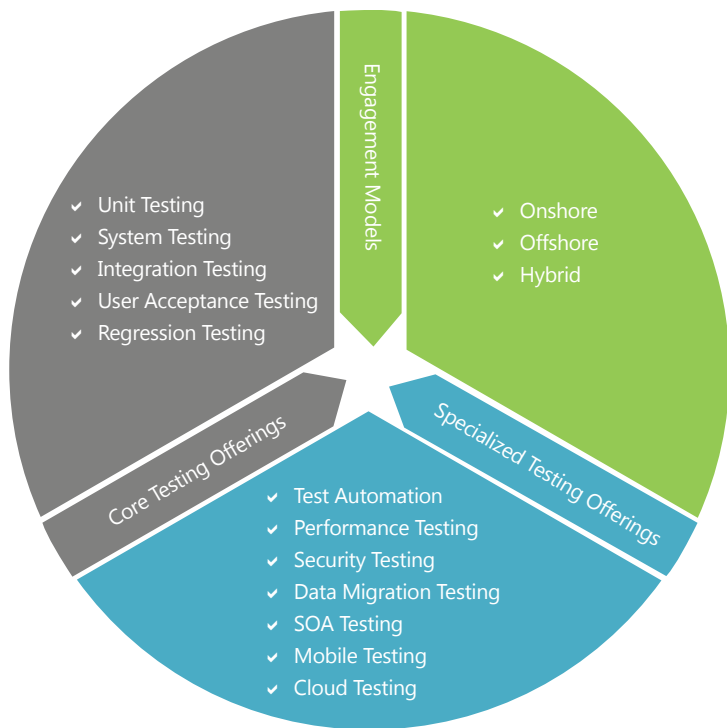
"WITH THE INCREASING NEED FOR ACCELARATED GROWTH, HIGHER COST SAVINGS, AND THE CONTINUED DRIVE FOR INNOVATION THROUGH NEW PRODUCTS AND SERVICES, BUSINESSES ARE CONSTANTLY FACED WITH THE CHALLENGE OF ADDRESSING GREATER COMPLEXITIES IN NEW APPLICATIONS. FURTHER, THERE ARE BUSINESSES DISRUPTIONS CAUSED WITH THE EMERGENCE OF SOCIAL INTERACTION, MOBILITY, CLOUD AND THE ADDITONAL INTEGRATION OF INFORMATION."

TekMindz empowers businesses to gain market readiness and overcome the critical challenge of cost and risk mitigation by providing end-to-end testing capabilities through testing best-practices following processes that are mature, automated and standardized. Through robust governance processes, we integrate with the client's application development team (as well as with the client's vendor for application services) to realize the client's business objective beyond the user acceptance phase by clearly defining functional and non-functional acceptance criteria for each phase of the life cycle throughout the development effort.

TekMindz's dedicated Testing team offers:

- Optimum use of resources of clients through devoted support mechanism and focused approach.
- Better cost efficiencies through suitable use of talented offshore professionals.
- High quality standard and adherence to timelines through dedicated workforce.
- Hassle-free test management and fast resolution of issues through steadfast communication. Transparent and focused dealing with customers.
- Quick ramp-up of QA resources and reduced management overheads.
- Easy training and cultivation of project objectives.

Offerings and Delivery Models

Engagement Models
- ✔ Onshore
- ✔ Offshore
- ✔ Hybrid

Core Testing Offerings
- ✔ Unit Testing
- ✔ System Testing
- ✔ Integration Testing
- ✔ User Acceptance Testing
- ✔ Regression Testing

Specialized Testing Offerings
- ✔ Test Automation
- ✔ Performance Testing
- ✔ Security Testing
- ✔ Data Migration Testing
- ✔ SOA Testing
- ✔ Mobile Testing
- ✔ Cloud Testing

Professional Services

Our professional testing and QA services are available at every stage to help, suggest and assist customers in ensuring guaranteed quality assurance in software development and performance. The following points showcase the characteristic features of TekMindz's testing services:

- Onsite qualified expert help for clients to help determine performance, diagnose bugs and enhance security and quality.
- Affordable professional testing and QA services that suit every budget.
- Prompt response, flexible approach, steadfast customer service and round-the-clock communication.
- Expertise in software testing to help clients make affective test estimation and better test design and implementation.
- Use of state-of-the-art licensed and open source tools.
- Strong infrastructure and certified Testing experts, Analysts, QA Coordinators, Project Managers and Product Specialists skilled in their respective area.
- Guaranteed quality product and satisfaction.

Outsourced Testing Solutions

TekMindz engages with small and midsize enterprises, ASPs and ISVs - offering flexible engagement models that best suit the client's requirements. Our Outsourced Testing solutions leverage expertise in diverse verticals focusing on quality assurance in software functionality through independent testing and analysis. Our outsourced testing solutions help enterprises improve competitiveness, fine tune their products and services, save time and money, and accelerate business transformation.

Some of the important features of our testing solutions are:

- Onsite and offsite support by skilled professionals.
- Comprehensive testing services and polished delivery model.
- Test automation and management services.
- Test planning, design, and development of test cases follow the finest industry standards, such as CMMi and ISO 9001 and Six Sigma.
- Full-cycle Verification and Validation.
- Unit, Integration, Regression, Acceptance, Functional and Performance Testing.
- Extensive and economic static testing and risk management.
- Total project management.

Dedicated Teams

TekMindz Offshore Development and Testing Center provide a dedicated testing team for every project. A qualified project manager governs the entire project from planning to completion, and keeps the client updated about the progress. The dedicated team has a number of professionals entrusted with clearly defined duties as managers, business analysts, test leads, test analysts, test engineers, QAs, domain analysts, configuration management analysts and others as per the project requirement. The team gives unwavering attention to the project and ensures delivered quality. We also offer the flexibility to engage an SME within the team for consultation for limited periods as and when required as well as deploy shared resources with specialized skills (e.g. Automation Architects).

About TekMindz

TekMindz is an IT consulting & technology services company with headquarters in India, serving clients across Asia/Pacific, Middle East, North America and Africa. Bringing together technology, people and processes across diverse sectors for organizations around the world, TekMindz enables business enterprises and governments to most effectively serve their customers and citizens.

Know more about us by visiting our website at **www.tekmindz.com**

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