





Quality Assurance – Manual & Automation

Quality Assurance is a planned and systematic means for assuring management that the defined standards, practices, procedures, and methods of the process are applied. (Source: Software Engineering Institute, Carnegie Mellon University)

The most effective way to manage quality cost is to prevent defects at the early stages of the Project Life Cycle (PLC). As a universal known fact, it is always less expensive to detect and fix the defect at an earlier stage, than fixing it once it has occurred in the production.

Quality Assurance at Fonatrix enables our customers to have a robust quality system by providing Quality Assurance Services to all types of projects (Development, Enhancement, Maintenance, Testing and Production Support) and with Manual, as well as Automation testing. We use an extensive range of comprehensive testing methods and tools like QTP, Selenium etc. This ensures that we deliver only the highest quality solutions in keeping with our aim of holistic end-user experience and client satisfaction. We help build high quality systems within schedule and with the right mix of automation and manual quality assurance methodology and processes.

Fonatrix has expertise and experience in multiple automation tools, technologies and product quality assurance process. Our understanding of domains embraces all such arenas, as Telecom, Media, Financial, Education and various different kinds of products and applications, like web-based monitoring and reporting application and advanced web portals, complex internet applications, data-warehouse, distributed environment and client-server software.

QUALITY ASSURANCE & TESTING SERVICES :

- Functional and Regression Testing
- Application Audit and Testing
- GUI and Usability Testing
- Accessibility Testing
- Compatibility Testing
- Performance Testing
- Installation and Configuration Testing
- System and Integration Testing
- Security Testing
- Internationalization/Localization Testing
- User Acceptance Testing (UAT)



Web-based Data Visualization

Web-based Data Visualization is deemed to be the new currency in the new world as everything on the web is visual. User expectation is high, yet it is particular. Fonatrix provides custom technology solutions for convergence, through innovation in technology.

Web-based solutions ensure that they are easy to analyze and spread data for additional information and knowledge. The potential is huge. Fonatrix works in the field of custom software development and our experts have worked on hundreds of application development projects.

We ensure innovative, trustworthy software solution to complement your most complicated business ideas.

- **Application Development** - custom application development tailored to the business requirements. We deliver rich internet applications combining our solid cross-domain experience, technological expertise and an established development methodology.
- **Application Migration and Porting** - our migration services include porting applications to new technology platforms, database migration, web enabling legacy applications.

- **Application Re-engineering and Enhancement** - reverse engineering of existing systems to introduce new/enhanced business logic and improved performance.
- **Application Maintenance** - aimed at ensuring stable and uninterrupted operation of your business systems, includes problems analysis, resolution and application enhancement.

Reporting & Monitoring Systems

Systems monitoring is a process within a distributed system for collecting and storing data. Basically, it supports Application Performance Systems through configuration of data for the monitor application itself, and configuration of data for the system being monitored.

At Fonatrix, we check if the configuration data is needed in areas, such as deployment, and hence we ensure that it's a generalized system configuration model, so as to not hamper progress. The performance of monitoring systems have an impact on system domain or impact on domain functionality, and efficient monitoring or ability to monitor efficiently has its impact on scalability.

Fonatrix ensures that configuration, protocol, performance and data access are streamlined and functional.





Cloud Services

Cloud services are distributed computing over a network and can be accessed by the end-user remotely. This is a unique manner to leverage your company's potential and thereby increase sales. It also assists in improving efficiency. Such hosted network-based services or application service provisioning run client server software at a remote location.

Fonatrix provides Cloud services that enable you a host of services to realize your company's full potential. It helps your business succeed, enabling your company to compete effectively in today's fast-paced business world, by keeping you within reach. Fonatrix can help identify which cloud computing solution is best suited to your company and could propel you into the future.

AMAZON WEB SERVICE

- Web Hosting
- Data Management
- Enterprise IT Services

Doing business in the cloud has never been easier! Amazon has developed all the tools your company needs to leverage the power and affordability of cloud computing, and Fonatrix can get you there fast.

GOOGLE APPS FOR BUSINESS

- SaaS
- Google Apps
- PaaS
- App Engine

Fonatrix can help you take advantage of Google's widely-used computing solutions like Gmail and Calendar, and use Google's App Engine to build and host your own business apps in the cloud.

SALESFORCE CLOUD SERVICES

- CRM
- Force.com
- Database.com
- Heroku
- API

Whether its customer relationship management services you need, better business efficiency, a data management solution, or a custom app, Riptide can help your business excel with Salesforce cloud services.

Social Media Integration

Social Media is the next big thing to interest your businesses, products or company. Facebook, Twitter, Linked In, YouTube and other social media sites, have united the world in a unique manner and have ensured that everyone around the globe is connected.

Businesses online now use social media to propagate and promote their services online, garner newer and wider audiences worldwide and build a reputation online. It is all about the reach. Fonatrix assists in integrating a wide range of social media technologies for Facebook, Twitter, Linked In, YouTube and various other social media sites.

Weaving social media into your product mix is a transformational journey. The advantages are tremendous. Fonatrix has wide ranging experience in developing social media applications for optimal usage for you business.

- Enable social sharing (Facebook, Twitter, etc.) on your web applications
- Integrated authentication mechanisms
- Social Media Management
- Facebook Fan Pages





Distributed Computing & Data Storage

Distributed systems architecture has rapidly evolved by applying and combining different architecture patterns and styles. In recent years, decoupling interfaces and implementation, scalable hosting models, and service orientation were the prominent tenets of building distributed systems. Distributed systems have grown from independent enterprise applications to Internet-connected networks of managed services, hosted on-premise and/or clouds.

In Distributed Computing components are stored on network computers, and these communicate and coordinate their actions by passing messages through Rest API, RPC-like connectors and message queues. Location transparency is an important goal and challenge of distributed systems.

Fonatrix has expertise in building and testing such complex hosted on-premise and/or cloud based products and applications

- Cloud storage implementations - reduce cost of data storage and optimize use of storage appliances. Faster processing via distributed, lower cost commodity hardware
- No SQL based distributed database implementations - We have designed, developed and deployed products based on Cassandra clusters, MS SQL clusters. Leveraged Apache Hadoop, for distributed processing of large data sets across commodity clusters
- Big Data Analytics and Data warehousing

Mobility

Mobile technology has advanced forward in leaps and bounds in the past decade or so. From vanilla services, it is now categorized based on operating systems (OS) – Java, Android, Windows and iOS and also Blackberry. These make the demand and the

opportunities endless. Mobility service providers and application (app) developers have a plethora of services targeted to their audiences. And it is only growing.

Mobile phones, PDAs, and smart-phones deliver a range of solutions that more than meet customer demands and enterprises need to develop innovative apps and solutions to stay competitive. Fonatrix provides comprehensive services to meet this growing demand, through creative and customized mobile application development services. Our processes are based on research and an understanding that stems from experience and expertise.

We cater to Business to Employee (B2E), Business to Consumer (B2C), and Business to Business (B2B), helping our customers retain their competitive edge in the ever demanding mobility space. We provide mobility services to mobile application development on

- Responsive Web Design
- iPhone
- Android
- Blackberry

Fonatrix provides services for mobile application development and architects and develops system and data design, builds UIs and develops applications on the selected platform. Our app development consists of

- Responsive Design
- Native Application Development
- Re-platforming across mobile devices
- Enterprise mobility development

We also conduct Quality Assurance, Testing services and Systems Integrations services for Mobility.



Business success today is an outcome of differentiated and flawless customer experience. Customers of technology businesses are no longer satisfied by unique product features. How do you respond to this shift in customers' expectations and engineer phenomenal experiences for them? Do you have the capability to engineer not just the product but also the platform that delivers the "Wow!" of a successful experience?

FONANTRIX has experience and expertise in designing, developing and delivering innovative products, from conception, to ideation, to design and delivery, of feature-rich products for companies embracing transformational advances in software and technology. Our solutions are based in Enterprise, Mobile, Web-based and user-experience driven technologies.

We have a deep engineering heritage, out-of-the-box thinking, and a solid foundation of talent, processes, systems, frameworks, and tools.

SERVICES AND SOLUTIONS

- Quality Assurance – Manual & Automation
- Web-based Data Visualization
- Reporting & Monitoring System
- Cloud Services
- Social Media Integration
- Distributed Computing & Data Storage
- Mobility

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