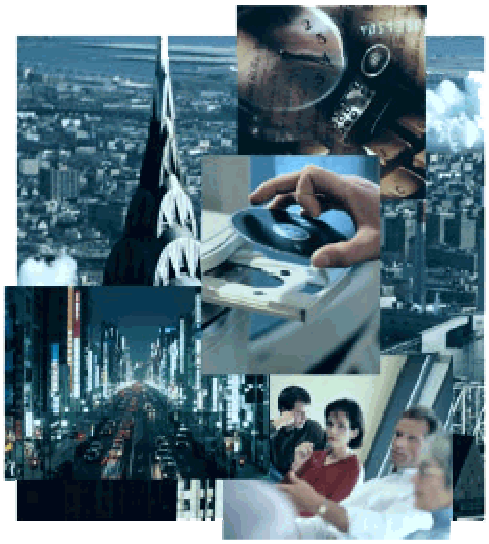
Software Catalysts LLC



www.SoftwareCatalysts.com

Corporate Profile

VA Office/HQ: 131 Elden Street, Ste 302, Herndon, VA 20170 Tel: 703-657-2880, Fax: 330-693-2231
NH Office: 400 Amherst St., Ste 102, Nashua, NH 03063 Tel: 603-598-1030, Fax: 603-386-6236
MA Office: 800 W. Cummings Park, Ste 5950, Woburn, MA 01801 Tel: 781-935-7001

Software Catalysts LLC is a technology driven IT Services Company focused on helping clients deliver projects on time, on budget, and to specifications. Incubated in 2003, Software Catalysts was created with a vision of creating a *'Total IT Solutions Company'* .
Software Catalysts, today is recognized as a leading solutions provider, offering a full spectrum of services through a customer-focused approach. Our offerings include: Consulting, Man Power Augmentation, Software Engineering, QA/Testing, Maintenance & Support.

We partner with organizations in both the private and public sectors to deliver technology solutions that produce optimal business results. We provide high value Information Technology services and solutions to companies ranging from start-ups to medium size to Fortune 500 conglomerates. Our team of consultants is unparalleled in the industry, with the experience, capabilities and commitment to achieve goals and exceed your expectations of our clients.

Our IT application solutions and services include Quality Assurance/Software Testing, Enterprise Resource Planning (ERP), Customer Relationship Management (CRM), Mobile Application Development Services, .NET, Java, Implementation and Post Implementation Support, Application Development and Maintenance, Business Analysis. We also provide compliance, validation, qualification, quality, auditing and information technology services to our clients in the Healthcare, Medical Device, Biotechnology, Biologics, Diagnostics and Pharmaceutical industries

Software Catalysts`s services are based on 3 principles – **Quality, Cost Effectiveness** and **Customer Satisfaction**. Software Catalysts, on many occasions has worked with clients on various cost reduction plans, which resulted in huge savings to our clients. While reducing cost to the client, Software Catalysts has been successful in improving productivity by developing excellent methodologies and tools for business operation. This has resulted in the client to focus on its strategic initiatives with reduction in operation cost.

Software Catalysts consistently delivers high quality, which is achieved by defining formal procedures and processes for various tasks, and ensuring that these procedures are adhered to. We have initiated CMM Level 3 certification for all our processes.

1.1. Software Catalysts Mission

"To expand our Information Technology services to the full spectrum of our client needs, while presenting an efficient means of business and improving their profitability "

1.2. Software Catalysts Objectives

Software Catalysts is an IT Total solution organization focused in providing systems solutions and skilled professionals to clients in the areas of information technology and management.

1.3. Our Approach

In order to be successful in our Mission, Software Catalysts works hard towards being a:

- **A client oriented organization**

'Total Client Satisfaction in all our services' is the priority of Software Catalysts. We believe in creating Client relationships that are not just limited to the life of a project but go well beyond it. This is achieved by delivering solutions with a combination of the best quality and cost. Highly interactive and regular discussions with the Client ensure quality in all aspects of our working relationship.

- **A technology oriented organization**

Software Catalysts strives to keep abreast of the latest in information technology through constant research, training and development. We try to exploit new technologies towards achieving better quality and productivity in its solutions and operations.

- **A quality conscious organization**

Software Catalysts believes that quality is a culture to be practiced at all times by all individuals in the company. Quality and Productivity are inseparable and they are emphasized and expected of everybody in the organization.

- **A people oriented organization**

Software Catalysts believes people are its single most important resource and they need to be empowered to carry out their professional duties in a work-conducive atmosphere. We are committed to the professional development of our staff. Our Human Resource base comprises of 150+ seasoned

professionals with a vast number of man years of multi-disciplinary combined experience, impeccable credentials and outstanding track records.

- **A learning and adaptive organization**

  Software Catalysts recognizes that to operate in a rapidly advancing field of technology, continuous learning, rapid capability augmentation and technology absorption are critical success factors.

2. Services Offered by Software Catalysts

Software Catalysts provides services and solutions in every key area of information technology and management. The services and solutions are conceived and developed to provide a competitive edge to the Client's business.

Software Catalysts provides the following services:

- Software Engineering Services for Enterprise and Web Applications
- Application Support and Maintenance
- IT Staff Augmentation
- Mobile Application Development Services
- Implementation of Enterprise Resource Planning (ERP)
- Implementation and Customization of popular CRM Solutions
- Migration From Legacy To Client-Server
- Quality Assurance/Software Testing
- Systems Integration
- Internet Solutions
- Business Analysis
- Validation, Compliance, Auditing services for Biotech/Pharma Industry

Our Key differentiators for providing the above services are:

- Superior Processes and Methodologies to deliver the best quality
- Cost Effectiveness
- Responsiveness
- Flexibility
- Robust Processes
- Domain Expertise
- Commitment to Quality
- Ability to integrate a vast array of skills and technologies seamlessly
- Excellent coordinative abilities and clear channels of communication
- Propagation across the entire organization

We have, over the years, gained expertise in the following Industry / Line of Business segments:

- Life Sciences, Healthcare, Biotech & Pharmaceuticals
- Financial and Insurance
- Retirement Benefits
- Telecom/Mobile
- Internet/eCommerce
- Manufacturing
- Transportation
- Information Technology

Practices of Software Catalysts to provide Cost Effective & High Quality IT solutions are:

- Adopting the latest technology and methodologies. Software Catalysts follows CMM standards for development and support projects
- Discovering the most Cost-Effective solution for the problems by adopting systems approach, promoting research, innovation and creativity.
- Complementing IT solutions with continuous improvements to the processes and methodologies used in developing and maintaining.
- Imparting training and implementation guidance until Clients are at ease with the technology and processes.
- Bringing together both multi-platform proficiency and line of business skills.

3. Brief Description of Services Offered

3.1. Application Development

In contrast with most systems integrators, Software Catalysts develops most of the technology it sells. This gives us tremendous flexibility to customize our solutions to the actual needs of our Clients. Software Catalysts comes with a very talented pool of Engineers, Programmers and Project managers.
Software Catalysts has evolved a Client-driven approach in providing the right application customized to the user's requirements.

On-Site Development: The conventional and proven method of development for new software and Customization at the premises of the client facilitates higher user interaction. In the On-Site Development scenario, Clients will have to set up development and production environment.
This could work out to be expensive, since the resources will be dedicated for the entire duration of the project and also Onsite cost would be higher, since it also includes transportation and settling costs.

Off-Site Development: The initial Requirement study is done Onsite at the client location. The subsequent tasks of Design, development and testing are done at Software Catalysts' Development centers in US or India. The onsite or local Project manager will interface with the client on a regular basis for deliverables though major execution is done off the site. Software Catalysts' proven methodology will allow the maximum possible user interaction through a FTP servers, telephones and emails. This is more economical than onsite option; since it facilitates need-based allocation of resources to the project (resource loading will vary based on the requirement of each stage of the project). There will be substantial cost reductions in case these tasks are carried out at the offshore development center India. Client need not setup development environment.

Development Methodology

What truly separates Software Catalysts' as a valuable resource is the quality of its development staff, many of whom had spent years in business analysis, analysis & design, programming and project management.
The staff of Software Catalysts has extensive experience in design/development of large, complex, mission-critical application systems.
The key to Software Catalysts LLC successes has been its commitment to adhere to a disciplined, optimized software development methodology that expertly merges common sense with appropriate concepts from various software methodologies. To make these deliveries, Software Catalysts offers a full range of life-cycle services that include:

Project Management
Systems Engineering
Architecture Design
Program Design Implementation
Software Testing and Quality Assurance

Following are some of the areas where Software Catalysts can help an organization for implementing our proven methodologies.

- Employee Retirement Benefits Systems
- Operations
- Retail & eCommerce
- Billing/ Payroll Software
- Accounts Receivables & Payables
- Order Entry
- Manufacturing
- Inventory Control
- Personnel and Administration
- Sales, Marketing and Distribution
- Project Planning and Monitoring
- Application Management

- Process Optimization
- Enterprise resource planning (ERP) solutions
- Application development
- Legacy migration and e-enablement
- Customer relationship management (CRM) solutions

Experienced Software Development

Our team of software developers has been built over the past 6 years to include some of the most talented developers available today. We have a strong belief in the team atmosphere that we have created in our office and we require that all new employees that join the company work from this same location.

Having our entire development & testing team in one place allows us to team them up with each other and to transact projects in as little time as possible. We do not lose any valuable time traveling or conferencing with our team members during a project and our project managers and architects work directly with our developers, often times hands on.

3.2. IT Staff Augmentation

Software Catalysts can improve the competitiveness of clients through a set of consulting practices that result in knowledge-intensive business solutions with appropriate manpower, which is a major Information technology component. Software Catalysts follows a rigid *Professional Consulting Process* to achieve this goal.
Software Catalysts provides the highest quality of professionals available in the consulting Industry. Software Catalysts professionals can staff your help desk, systems support and maintenance teams, or supplies the advanced IT skills required for complex project initiatives. The key to our success is our system of working closely in partnership with clients to create a flexible staffing plan that augments their core staff with the best experts available on an as-needed basis. Extremely responsive to our clients' requirements, we attach top priority to providing a 24-hour turnaround to fill any client need. The solutions that we provide are also extremely cost effective: we offer the most competitive rates in the industry. The excellent track record of Software Catalysts professionals' Reliability, Dependability, and Loyalty has been outstanding and has been mainly due to Software Catalysts`s Human Resources Department's employee-oriented policies.

Software Catalysts LLC's Competitive Edge is mainly due to:
- Responsiveness -24 Hr. turnaround to staffing requests.
- Enhanced Sourcing capability
- Quality Screening
- High employee satisfaction & retention rate
- Guarantee of Quality and Commitment
- Turnkey solutions
- We can assist in the management of the projects.

- You pay for us when you need us - not 40 hours a week.
- We can bring in additional resources when needed.
- We agree on effort (person hours) and timelines for each project
- Easier to manage the project.

3.3. Quality Assurance/Software Testing

All companies have already realized the benefits of quality assurance. However, concerns over quality and project management can make this a difficult decision. We provide the services you need to make your testing & quality assurance effort a success.

Quality Assurance and Testing
The ultra dynamic software industry often creates challenges for testing application and products. The ever increasing hierarchy of architecture, curtailed distribution cycle time and a huge gamut of technologies calls for the need for excellent skills, expertise and dedicated professionals.

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Software Catalysts offers a variety of testing services that are customized to provide the most effective and efficient solution for our clients. Services include:

Manual Testing

Given that the design, usability, consistency, navigation and automated scripts of a site/software undergo rapid change to meet market and user demands, manual testing is crucial to guarantee high-quality performance. Indeed, the QA process cannot be 100% automated, and manual testers must take part to ensure the best possible results.
Software Catalysts is extraordinarily experienced in performing various manual testing strategies and concepts, including:
UI Testing
Usability Testing
Ad-hoc/random Testing
Link Testing
Functional Testing
Boundary Value Analysis
Configuration Testing
Data Integrity Testing
Integration Testing
System Testing

Automated Testing Solutions
Software Catalysts's extensive experience with software products, testing methods and automated test development tools allows efficient evaluation of your application and recommendation of the test development tools that best fit your needs. Software Catalysts works with multiple test tool vendors to provide informed, objective advice on test tool selection.

Software Catalysts has a host of Automated Testing Services to help your organization incorporate automated testing into your quality assurance process.

Automated Test Tool Evaluation and Selection
Software Catalysts will eliminate the confusion and frustration of evaluating and selecting the right automated tools. With vast and diverse experience in automating the testing of complex applications, Software Catalysts has developed an extensive criteria used for comparing automated test tools. The automation engineers will perform an evaluation of the leading automated test tools utilizing your application. After a thorough evaluation, a Test Tool Assessment is created which details the findings and recommendations. Software Catalysts will ensure that the test tool being considered is compatible with your testing environment before making the investment.

Defining Automated Testing Strategies and Methodologies
Deciding on the right automation strategy for a project, keeping in mind the application size and test-script maintenance can be more frustrating than the process of selecting the tool itself. The wrong automation strategy will result in chaos. Let Software Catalysts steer your company towards success by defining and implementing an appropriate Automation Strategy and Methodology.

Automated Test Development and Execution
Recruiting experienced resources and building an effective automation team can be difficult and time-consuming. With its team of Automation Engineers, Software Catalysts can build automation environment rapidly and effectively by developing automated test scripts, regression-testing your applications, and creating a thorough assessment for each test cycle.

Performance Testing and Analysis Solutions
Customer loyalty is directly attributed to a website's user-friendliness, responsiveness and reliability. Failure to deliver 100% availability, flawless performance and a positive experience may impact a company's revenue and reputation. Software Catalysts's performance, load and stress-testing services provide clients with detailed information regarding the stability of their site & software. Software Catalysts is able to simulate large loads on clients' applications and obtain quantitative information about the performance of the site under a range of server loads.
Software Catalysts focuses on software quality assurance. We take a disciplined approach to testing by employing state-of-the-art tools and techniques. In addition, our management team has the experience and expertise in solving the challenges of testing, including:

Utilizing communication techniques that work across cultures
Using the latest web based project management tools to provide a 24/7 window into the status of the project

Ever since its inception, Software Catalysts has garnered appreciation for its exhaustive range of testing services. This combined with our capability to assist clients throughout the development phase of software clearly places us far ahead of our competitors.

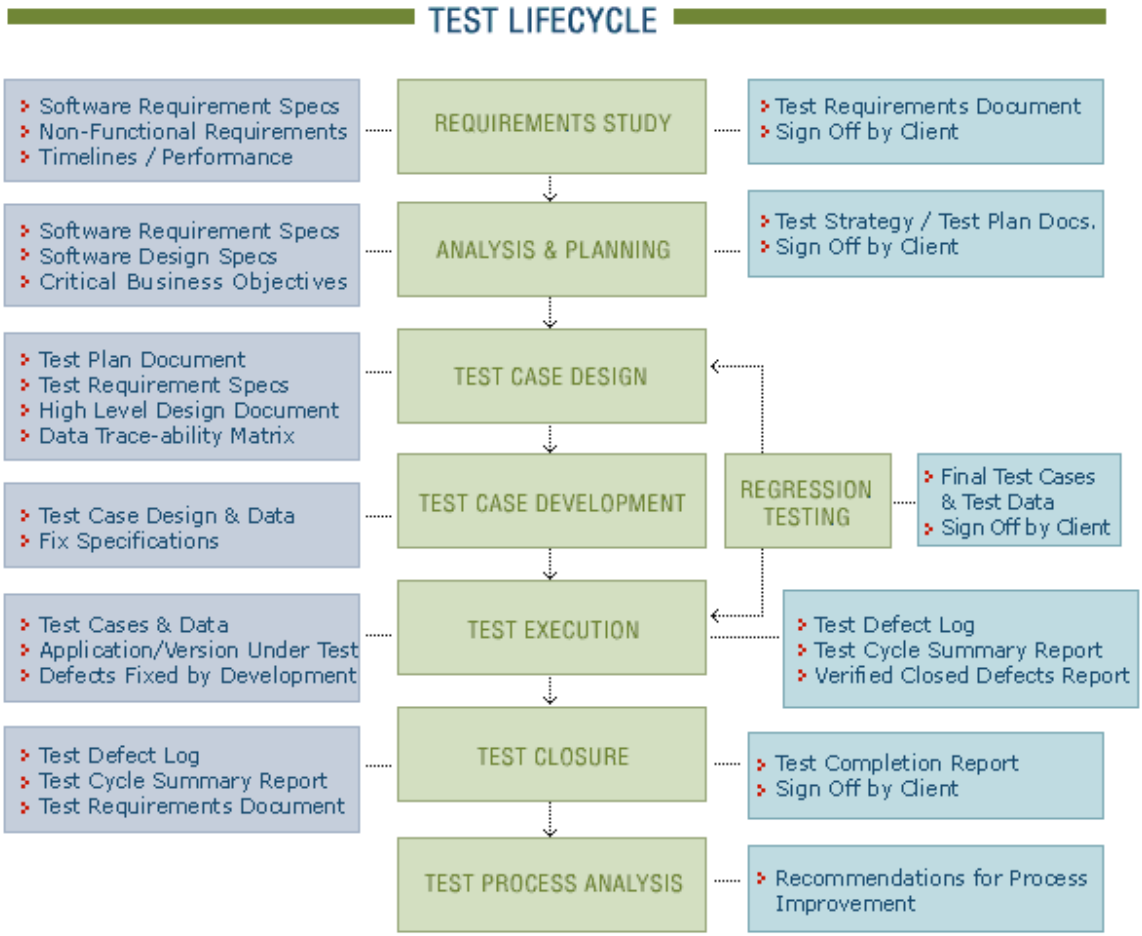
Software Catalysts's Quality Assurance service includes:
Analyzing the requirements and functional specification
Creating and prioritizing the most critical transactions
Defining the test environment
Developing a test plan
Building test cases
Executing test cases
Reporting results
The challenges our clients face range from exploring and executing a business vision to customizing and implementing complex QA, ERP and e-business systems to help them achieve their strategic, technological and business goals. Our aim is to provide services of superior value to our clients, enabling them to meet these challenges. We are committed to offering project management and support of leading-edge quality, maintaining a national and international resource base and operating under strictly principled guidelines.

Over the past few years, Software Catalysts has made significant investments to enhance our overall capabilities. We have invested in new infrastructure initiatives, more than tripling our facilities. We have expanded our recruiting and marketing teams and made sizeable investments in hardware and training resources. With our global mindset and a flexible, responsive organization, Software Catalysts is uniquely equipped to offer our clients a complete software life cycle development of their applications, including:

- Project Assessment, Planning and Design
- Application Development and Management
- Quality Assurance and Testing
- Implementation
- Enhancement and Support Services
- Customized Training

We believe these strengths and attitudes will create the mutual understanding, communication and trust that successful long-term business relationships naturally demand and deliver.

Secondly, our fully equipped, on-site QA labs provide us the opportunity to work closely with larger companies in providing them with secure and state of the art testing facilities outside their premises. We also ensure that our consultants keep their skills sharp and up-to-date, and are able to meet the constantly expanding challenges of the marketplace. As new technologies evolve and mature, our QA Team Managers, Members and Support Staff continue to have access to the training that ensures that their discipline and dedication is matched by the skill sets that our clients demand.



3.4. Systems Integration

Software Catalysts is a leading provider of total systems integration solutions for clients worldwide. We are an organization that embraces change. This is illustrated by over years of growth through successful business transformation and diversification.
Our keen focus on Client success establishes strong partnerships that lead to greater insight into their business needs, often revealing opportunities for increased growth. Our strength is in our diversity. Through the innovation and teamwork of our employees and the synergy of our diverse business areas, we provide solutions to complex challenges for Clients around the world.
We're making technologies and systems work for an organization's Success.

3.5. Internet Solutions

The Internet is now one of the most powerful mediums for enhancing the competitiveness of businesses around the world. Leveraging the advantages of the Internet is more complex than it's ever been and Software Catalysts derives its strength in providing Internet solutions from its wide ranging expertise in developing business applications, systems development, database integration, networking and multimedia applications – that is Software Catalysts`s Competitive advantage.

Software Catalysts provides design and implementation services for web servers that goes far beyond the web interface. A sophisticated web site includes the need for database access, and access to distributed and multi-tier applications running across machines enterprise wide. Knowledge of web technologies coupled with Software Catalysts`s extensive Client/Server, multi-tier and RDBMS design experience facilitates the development of sophisticated web sites that require complex database access.

Software Catalysts offers a wide range of Internet, Intranet, Extranet and Web Commerce-related services. The services Software Catalysts offers in this area are:

- Internet Consulting
  - ◊ Strategy Study
  - ◊ Website/ Intranet/ Extranet options
  - ◊ Capacity Planning.

- Website-related service
  - ◊ Website Strategy Development
  - ◊ Website Design
  - ◊ Content Creation using text, graphics, forms, Java applets, etc.
  - ◊ Website programming
  - ◊ Database Integration (if needed)
  - ◊ Training and Support.

- Intranet-related services
    - ◊ Web enabling applications, either by re-engineering existing legacy application ("bringing databases to life") or developing systems from scratch with web-enabling versions of development tools
    - ◊ Web server integration, including content gateways for dynamic HTML generation from real-time data feeds and HTTP command translation, access to databases including legacy applications
    - ◊ Transactional applications, accessing RDBMS and supporting concurrent users over an Intranet.

- Extranet related services
    - ◊ Extending the reach of Intranets
        - * Electronic Commerce
        - * Internet Storefronts

3.6. CRM Implementation

Choosing the right CRM for your needs is the first step, the second step is to implement the new solution in a proper method. Implementation is one of the most complex, and often neglected aspect of a successful CRM launch. In total, you should actually spend more time on the planning and testing of your implementation then you should on customizing your solution. This time is critical to the success of the launch to avoid disasters like end user rejection.
If you are ready to implement your system properly, we can get you started immediately. We have a template program that includes:

- An intensive management interview process where our architects will determine the entire scope of needs that your new system has
- An interview process with department managers to determine reporting needs, and data workflow requirements for each department in the company
- A planning and scheduling period that aligns the decision makers on the project with specific milestones that ensure the project stays on its intended timeline
- A customization development period where our engineers will customize any aspect of the CRM interface that needs tailored workflow or reporting
- A data importing for taking your data from a previous system and tuning it up for running in your new CRM/ERP system
- A management training session to help prepare for the new system launch
- User training sessions in groups no larger than 25 at a single time

3.7. Computer System Validation/Compliance Services

Software Catalysts has become a recognized leader in providing a variety of compliance services to the Life Sciences/Pharmaceutical/Biotech Industry. As a full-service company we have been helping life science companies become compliant with IT-related regulations and guidelines. We help our clients improve the level of compliance while reducing their compliance costs.

Our knowledge of current regulatory expectations and international standards, combined with our technology expertise, enable us to understand the challenges and issues faced by pharmaceutical, biotech and medical device companies. We help our clients achieve their business goals and objectives while maintaining regulatory compliance and a state of control across all operational areas within the enterprise.

With a depth of expertise in all facets of the system life cycle we are able to assist our clients to reach their goal of Optimal Performance. This includes Research & Development, Clinical Trials, Quality Assurance, Laboratory, IT/IM, Operations, Manufacturing and Distribution. We will evaluate and access your current business operations then provide solutions to streamline processes and reduce regulatory exposure. The application and implementation of recommended standard solutions will increase harmonization and management of critical cross-functional business systems. All this helps in mitigating the risk of non-compliance, reducing costs, increasing profitability, and helping to achieve Operational Excellence.

Software Catalysts has been working with regulated industries for many years now, giving us a unique perspective and an understanding of what it takes for any size company to be in compliance with FDA and other governmental regulatory agencies. We have demonstrated expertise in the following areas:

- Validation of applications (requirements, traceability, protocols, scripts, summary reports)
- Localized regulatory compliance assessments and remediation
- Infrastructure qualification
- CSV project management
- Coaching CSV projects as compliance experts
- Training on CSV, Part 11, Auditing, and Testing
- Retrospective evaluation/validation of legacy systems
- System testing
- Supplier audits
- SOP development.
- Computer Systems Validation - CSV
- 21 CFR 11 - Electronic Records / Signatures
- Clinical Adverse Event Systems / Data Mgmt. and Safety / CAPA Systems
- Manufacturing Equipment Qualification and Process Systems (C&Q)

Software Catalysts invites to visit our website **https://www.SoftwareCatalysts.com** and to discover our products and services

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