



Software Verification & Validation

Process Compliance & Automation



## Softsmith Differentiators

- Focus on testing services only
- Reduced time and cost to market.
- Proven track record of long term relationship with all the existing clients.
- Project management capabilities leveraging the global delivery model, SEI CMM/ SEI CMMi & ISO 9001 : 2000 processes.
- Customer getting access to the top management team – spearheading every single client engagement.

## Quality Focus

Softsmith's strict adherence to quality is reflected in it being assessed at ISO 9001: 2000 Certification by Det Norske Veritas, Netherlands.

## Getting to know Softsmith

Softsmith Infotech is an ISO certified third party testing company, offering a broad range of software testing services under one roof. We offer a broad range of comprehensive suite of services which include

- Independent Verification and Validation
- QA Consulting
- Corporate Training in Testing & QA
- Resource Augmentation Support etc.

## What can Softsmith do for you ?

Some of the ways, in which Softsmith can support you are

- Provide a complete outsourced testing solution
- Select the right test tools for your environment
- Reduce testing time by automating your regression testing
- Provide training to your staff to improve testing efficiencies
- Augment your existing QA Staff
- Check for compatibility issues in all variations of the end user environment
- Conduct end user testing with your domain experts
- Conduct project audits on your testing to provide advice on your readiness to release code to your customers
- Provide performance testing & tuning of site specific applications to manage your risk
- Help you know the performance limits of your system
- Help you avoid production defects with regression testing etc.

# Verification & Validation Services

## Software Testing

Functionality Testing	Regression Testing
Security Testing	Content Testing
Compatibility Testing	User Acceptance Testing
Installation Testing	Vulnerability Testing
White box Testing	

## Performance Testing

Load/Stress testing	Performance tuning
Architectural benchmarking	Endurance testing
Spike testing	

## Test Automation

Scripting	Script Maintenance
Data preparation	Reusability reviews
Test Execution / Regression Testing	

# Softsmith V&V advantages

- Independent, critical & objective evaluation of the performance and quality of your product.
- Testing can happen simultaneously along with development.
- Flexibility of having the right size of testing team, as per the requirement then and when needed.
- Selection of the most appropriate testing strategy & strong management of the testing process.
- Appropriate use of tools and automation to support the testing process.

# Showcase Projects

- Functional and Regression testing of a Wireless application product for GlowComm Systems USA.

*Tool: Rational Robot*

*Location: Offshore*

*Scope: Test Initiation, Test Planning, Test Execution & Test Management*

- Performance testing and Functionality testing of Enterprise software for MetricStream, Bangalore

*Tools : Load Runner and Open STA*

*Location :Chennai*

*Scope : Test initiation, Test Planning, Test Execution & Test consultancy*

- Performance testing of HR suite for adrenalin e-systems (Polaris Subsidiary), Chennai

*Tools : Load Runner and Open STA*

*Location : Chennai*

*Scope : Test initiation, Test Planning, Test Execution & Test consultancy*

- Functional testing of National stock exchange application for Indigo Tx Technologies, Chennai

*Location: Chennai*

*Scope : Test Initiation, Test Planning & Test Execution.*

- Regression testing of Marketing support application for Allfon systems, Chennai

*Tool: Winrunner*

*Location: Chennai*

*Scope: Test Initiation, Test Planning & Test Execution*

- Functional Test Automation of Transaction billing product for Suntech Business Solutions, Trivandrum

*Tool: Rational Robot*

*Location: Trivandrum*

*Scope: Test Initiation, Test Planning, Test Execution & Test Automation*

# Expertise

## Domain

HR Suite

Healthcare products

Banking applications

Insurance applications

Mainframe applications

ERP, Supply Chain products

Wireless and embedded Systems

Securities / financial service products

## Test Automation tools

Silk Test

Rational Robot

Winrunner

QA Run

Load Runner

Silk Performer

Open STA

MS ACT

QTP

Neo load

## Technology

ASP. Net, VB.Net

J2EE / Java

VC + + , C + +

Open Source

## Bug Tracking tools

Bugzilla

Team Tracker

Test Director

QA Monitor

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## Testing Methodology

Product understanding



Master test & Detailed test planning



Test case documentation



Test data preparation and Test environment set up



Build verification testing & build functional compliance testing



Regression testing & Test automation



Non functional testing



Product release certification

## Infrastructure Strengths

- Test Labs in Chennai and Bangalore
- Total of around 10000 Sqft of space
- Win CE, PDA
- MS Windows 98, NT, 2000, XP, 2003 Linux
- Zenith Desktops & HP Servers
- Wireless router, Cisco router
- High speed ISP connections
- Landline and VOIP phones

# Softsmith Products

## QAMonitor™

A software process management suite having features for

- Test Plan, Test Execute & Defects Management
- Review Management & Audit Management
- Task Management & Timesheet Management
- Document Management & Requirements Management
- Business Leads Management



## SPCG Suite

SPCG (Software Process Compliance & Governance) Suite – is an ISO/CMM/CMMi Process Compliance Application, that enables all Organizations to follow the process guidelines, provided by SEI / ISO. The software has modules Viz.

- Project Management & Project tracking
- Life Cycle Management & Risk Management
- HR Process Management & Training Management
- Procurement & Process Management
- Computing Resource Management.

and all the other modules of QAMonitor.

# Clients



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