

Knowledge Based Technology Driven World-class Organization



TECHNOLOGY SOLUTIONS

RESOURCING CHALLENGES IN TESTING INDUSTRY

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INDIAN ORIGIN; GLOBAL PRODUCTS

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Test Services Market

- Worldwide Testing Market Estimated to be around US \$ 13 B by 2010
- Indian Market for Test Services is estimated to be around US \$ 0.8 – 1.0 Billion in 2007
- Shortfall of 15,000 testing professionals in 2006
- Estimated 25,000 more Testers required in 2007

“Offshore software testing saves companies up to 75% over in-house costs, improves quality, and is a lower risk way to develop mature offshore outsourcing skills.”

- AMR Research

Is evolving rapidly

- Profile of a Successful Tester is different from that of a Successful Developer
- Testing requires an ability to “do the unexpected”
- Stamina: The ability to always try “one more regression”

Skills for Testing as a Career

- Aptitude towards problem identification
- Ability to
 - Follow processes;
 - Work with a problem until solved;
 - Analyze the reason for defects;
- Knowledge of Testing Methodology; Testing tools
- Domain / Process / Technology Knowledge

Challenges Facing Testing Services Industry

- Lack of understanding of the Market place
- Testing Infrastructure
- Talent Shortage
- Education – Testing is not a mainstream still!

Challenges - Market Place Understanding

- Understand the Emerging Opportunities
 - Domain, Security, Compliance
- Need to understand the trends in testing
- Define the scope of different stages of testing
 - Unit, Integration, System, User Acceptance & Implementation

Challenges - Testing Infrastructure

- Right Testing Tools
 - Slash the time required for testing
- Relevant Testing Methodologies
 - improve the efficiency of test design & execution
 - Test Automation tools
- Test Management Tools & Techniques
- Skilled Manpower
 - To do all the above

Challenges - Talent Shortage

- Not enough leaders with “Testing” background
- Difficult to attract Domain Specific Profiles to “seed” practices
- Not enough Test Architects/ Strategists/ Domain Test Experts
 - Young professionals are not aware of potential
 - Lack of Domain / Process / Client Management Skills
- Rising Expectations – Salary & Perks

Challenges - Testing Education

- Testing is not a mainstream still!
- Absence of Learning and Training for Testing
- Institutions are not geared fully to nurture testing professionals
- Corporate Entities are not geared as well and not investing adequately
 - Finishing Schools for testing?



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