

Software Testing Strategy

Reduce risk and increase your confidence that the quality of your software product is at a known quantifiable level.

Course Leader: Sam Clarke, Principal Consultant, nFocus Ltd

Who is it for?

Senior personnel in a growing software development or services company who have an active interest in implementing more predictable, pragmatic, cost effective and efficient testing of their product set.

What is it about?

Are you confident that the new release of your product or service continues to meet the expectations of your clients? Are your key people increasingly tied up with testing? Do your clients ask how your product is tested? Do you have issues with cost of rework due to defects in your product?

A Software Development company's success is often driven by the sale of an innovative or niche solution to a business problem. The reliability of the first release of the product will generally be high due to tenacious testing by the core team of developers, manual writers, sales and marketers. However this success will bring with it customer demands for changes to the product; examples include improvements to functionality, security, scalability and diversity of operating environment to name but a few. With change comes the risk of adversely impacting the quality of the product or service.

The challenge is to continue to respond to market demands in order to retain and grow market share whilst not compromising the reliability of new and existing function; therefore testing becomes a critical success factor putting a strain on limited resources.

Industry standard test strategies, processes and procedures are often seen to be too costly and unwieldy for the smaller organisation. However these sound testing principles can be adapted and applied by using a scaled down approach.

This course takes you through the key aspects of forming a test policy and strategy allowing you to establish your weak and strong points and a plan of action. In essence a process of "getting to know what you don't know" so that informed decisions can be taken on appropriate investment in testing.

The workshop approach allows interaction between attendees establishing common issues and their solutions. The class will be run as a sequence of short talks each followed by an interactive session

allowing delegates to focus on areas of common concern. In addition to class material, the key discussion points from the day will also be documented and circulated to the attendees.

How do you benefit?

Delegates attending the workshop will take away knowledge and information which can immediately be used to commence development of a pragmatic test policy and strategy covering:

- Project related activities
 - Objectives of testing
 - Development and test process including Agile and Scrum
 - Scope of testing
 - Constraints
 - Dependencies
 - Management of risk, quality, dependencies and assumptions
- Test Approach
 - Test strategy, analysis , preparation and execution
 - Test environments and data
 - Use of tools
 - Roles and responsibilities
 - Deliverables
- Test Management
 - Assets
 - Test incidents
 - Priorities and focus
 - Reporting
 - Quality management

How does your company benefit?

- Saves research time and money by enabling you to quickly understand the strengths and weaknesses of your testing and what to improve
- Faster time to market by applying integrated, consistent, efficient and effective testing supported by objective information
- Establish market differentiator by having the ability to demonstrate to clients that testing is an integrated key process
- Improved project discipline leading to less risk of missing deadlines and cost overruns
- Reduced dependence on key skilled staff for testing

- Lays the foundation for employing the latest testing processes, tools and techniques

Testimonials

"In the space of a week nFocus have taken us to a position of understanding the strengths and weaknesses of testing within our organisation. We are now able to formalise our testing strategy which will allow us to develop and implement robust, practical test plans within our operational constraints. This will improve our ability to deliver high quality solutions to our customers"

Maria Baxter, Director, Cyclone Technology Ltd

"Ideal one day course for giving an overview of the key elements that an organisation should be considering as part of their software testing strategy. Certainly came away with some ideas to implement into our company."

Rob Caul, CEO, e2train

"The course provided me with a clear and concise approach to defining a Test Strategy. I came away with a bag full of tips and techniques to use on my future clients."

James Briers, QA Consultant, Nanomesh Ltd

Venue	Intellect Conference Suite, Russell Square House
Maximum attendees	12
Duration	One day
Time	09:30 – 17:00
Fee	Intellect members £295+VAT non-member £495+VAT