

# Protect Investment Using SpadeWorx's SharePoint Testing Experts

Modern developers are finding it easier to use Enterprise Content Management (ECM) platforms like Microsoft SharePoint to build portals and websites with multiple sub-sites and their sub-sites.

## The reason is simple:

- SharePoint provides list of rich features, functionalities and configuration options.
- Developed sites can run across small, medium or large server farms.
- Sites can handle heterogeneous data or content types.
- Integration with one or multiple enterprise applications or third party applications.
- SharePoint has the ability to create management dashboards.



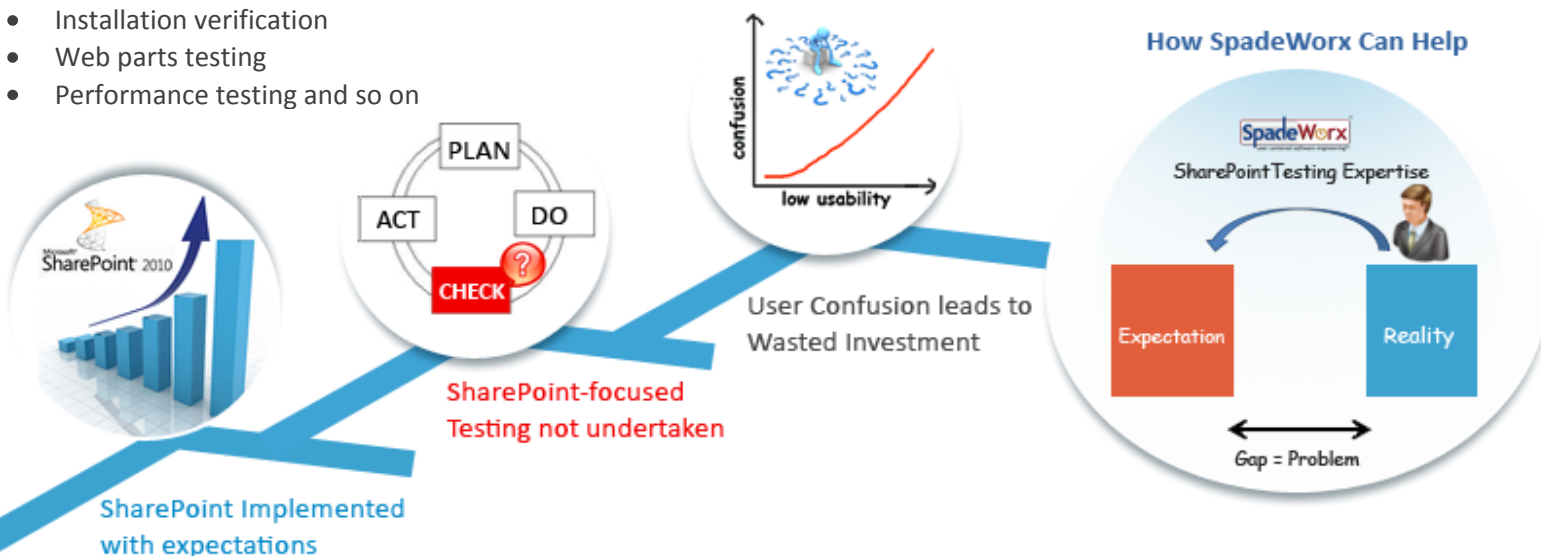
That being said, if the intranet/internet applications are not tested thoroughly, especially when a tester does not understand the underlying technologies/functions, then the investments made in these applications become more of a dead investment.

## Key challenges are:

- To test such applications from an end-user's perspective – Usability
- How it interplays with different features provided by SharePoint – Functionality

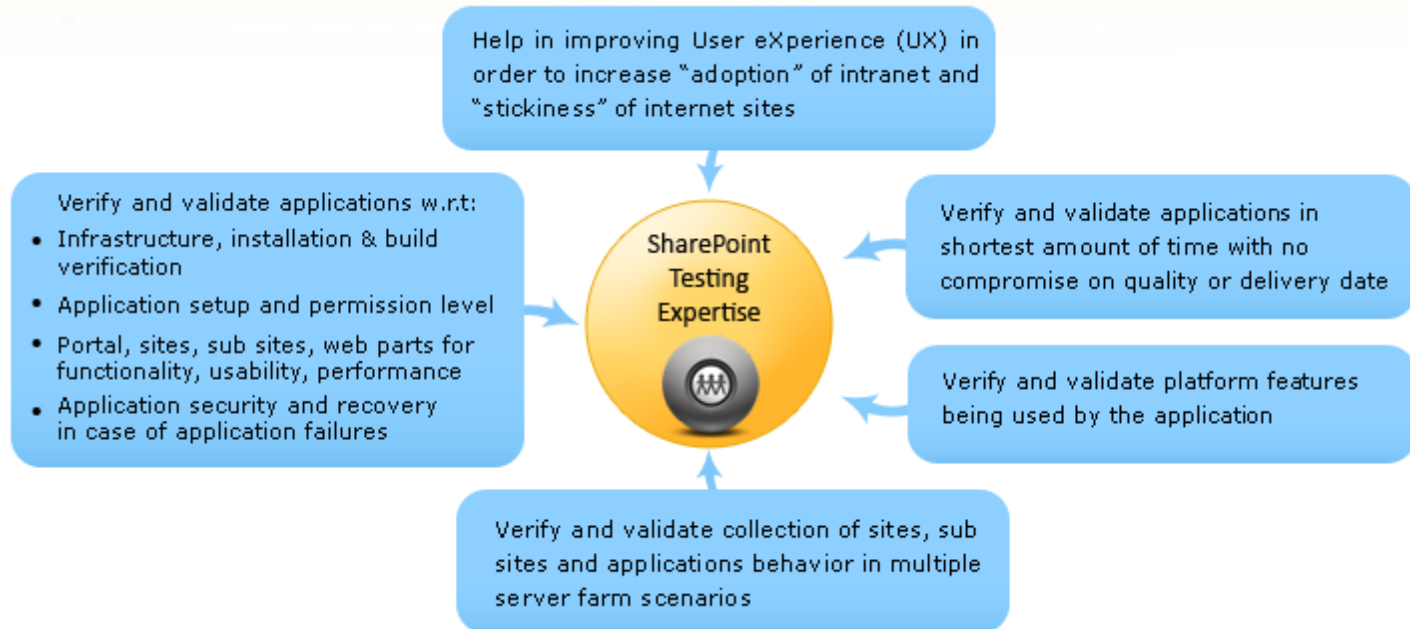
ECM platform features add a level of complexity when it comes to testing the applications built on top of ECM. Testing such applications may involve many activities like:

- Infrastructure validation
- Installation verification
- Web parts testing
- Performance testing and so on



# The SpadeWorx Expertise of All Things SharePoint

When it comes to testing the applications built using SharePoint, knowing which SharePoint features and functionalities are used while building the applications gives our testers an edge over regular testing teams. Testing teams with no or limited background of SharePoint may just land up testing applications from a UI layer, where as SpadeWorx SharePoint testing teams are capable of testing the application at various platform layers.



SpadeWorx SharePoint testers bring to the table their ability to understand and identify scenarios, which in turn test applications better.

 <b>SpadeWorx SharePoint testers bring a thorough understanding of:</b>	
✓ Overview of SharePoint and its Features	✓ Integration Testing
✓ Infrastructure Validation and Verification	✓ High Availability Testing
✓ Installation and Build Verification	✓ Security Testing
✓ Deployment Testing	✓ Solution Testing
✓ Configuration Testing	✓ Web Part Testing
✓ Administrative Setup Testing	✓ Performance Testing
✓ Scalability Testing	✓ Usability Testing

## How We Do It

1. The test case classification based on test focus, application modules, test case priority, test types, such as:

(a) UI – User Interface (b) SC – Scenario (c) EH – Error Handling (d) BO – Boundary etc.,

helps test managers identify test cases to be executed at any given point of time. This also helps test managers to monitor test coverage.

2. Our defect summary reports and test execution reports help project managers to identify and concentrate development team efforts on weaker application areas.

3. Our testing teams utilize Microsoft Test Manager – TFS, Visual Studio Team System, Performance monitoring tools, automation tools like Test Complete, Selenium to expedite the testing process.

4. SpadeWorx virtual lab setup helps our customers to simulate small, medium and large farm scenarios.

# How SpadeWorx Can Make a Difference



**Where?** Often Test Managers and Testing Teams get entangled with: **Where to Start? What to Test? How to Test?**

**What?** To address these customer-specific needs, we at SpadeWorx devised our own SharePoint Testing approach. Under our approach, we look at SharePoint Testing activities in five buckets designed to help Test Managers and Testing Teams to get answers to their questions.

**How?**

The need for these buckets arises because of inherent SharePoint platform behavior and offered features. For example, MOSS automatically grants most required permissions to service accounts, so there is a great need to check minimum required permissions. Also, there might be variety of authentication methods and zones that may exist for authentication that are suitable for existing infrastructure requirements.

SpadeWorx offers wide range of testing services specially designed for the applications developed using Microsoft SharePoint – one of the most popular Enterprise Content Management (ECM) platforms. Having tested various SharePoint applications in variety of environments, SpadeWorx has designed service offerings to suit a majority of the customer needs. SpadeWorx SharePoint testing service offerings come in five customizable flavors:

## Installation & Build Verification

1. Infrastructure Validation
2. Installation verification
3. Build Verification and Deployment Testing

## Setup and Access

1. Configuration Testing
2. Administrative Setup Testing

## Portal Testing

1. Solution Testing
2. Web Part Testing
3. Performance Testing

## Security and Recovery

1. High Availability Testing
2. Security Testing

## Usability & User Experience

1. Web Usability Testing
2. Mobile Device Usability Testing

## Benefits of Working with SpadeWorx



### Reduction in total cost of the software by using:

- Library of Test cases – 450+ generic test cases
- Optimized IT investment – No setup cost for testing, virtualized ready-to-use setups for creating test environment
- Helps the Organization focus on key business
- Certified Testing Professionals
- Focus on quality profession

On-Demand/Last Minute Testing possible

Flexibility in resource adjustment

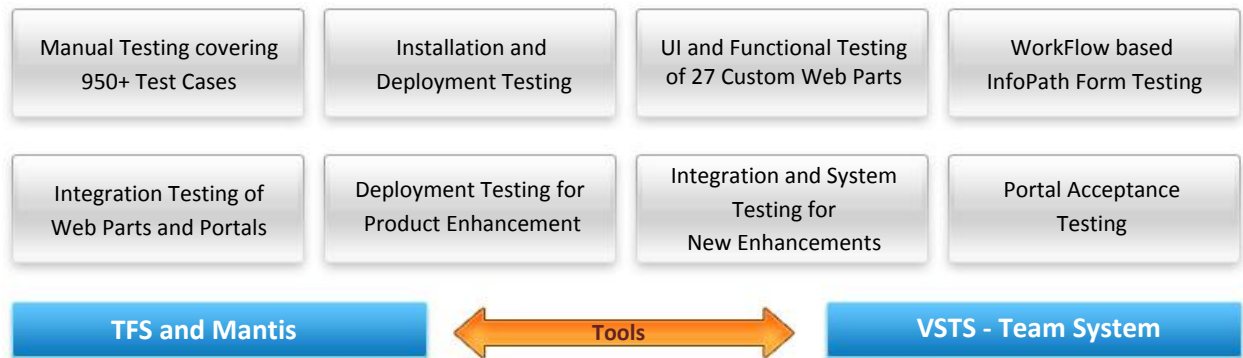
Faster Time-to-Market

# Case Study

The National Heart Foundation (NHF) of Australia was facing a challenge with respect to successfully executing the process of drafting and submitting new project proposals along getting them reviewed and approved. There was no real time visibility into the approval status of the projects. SpadeWorx assisted NHF meet its key goals by developing a rich and user friendly Enterprise Project Management portal. The results:

- Higher number of relevant and deserving projects approved
- Better project management and higher project success rates
- Higher levels of organization transparency and efficiency

## Our Solution



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