

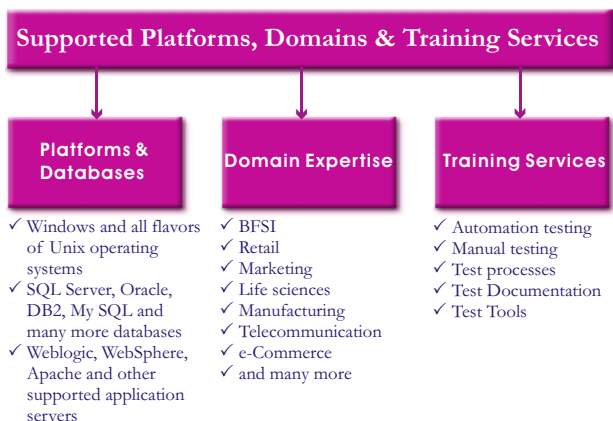
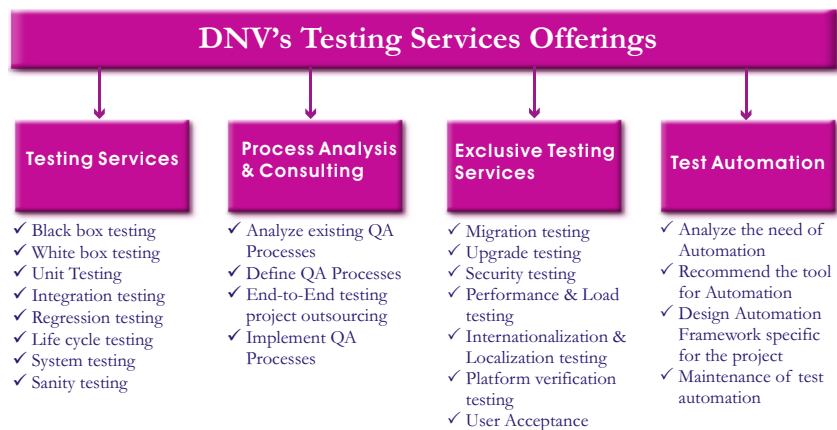


DNV's Testing Services Offerings

Business users always need their IT systems to solve real problems and perform as specified. DNV Technologies is a privately held, global software services and consulting company. Our Testing Services department specializes in building creative end-to-end testing solutions, and managing critical testing processes that help our clients plan proper investment into testing that reduce the cost of producing quality software.

DNV team has over 10 years of experience on delivering projects on-time and within budget. DNV offers Test Consulting and Testing Services. Test consulting includes Test Process Consulting, Test Effectiveness Measurement, and Automation Strategy. Testing services offerings include Functional testing, Migration/Upgrade testing, Cross platform certification, Performance testing, Installation testing, Internationalization/Localization testing, Accessibility testing, and Regression testing.

Our Global Delivery Model helps DNV delivery best results with lower risks and shorter lead time.



DNV's Testing Services Test Approach:

- QA team is involved from the very beginning of the project.
- Use of effective Test Planning processes which is very active document over the entire test cycle.
- Test Coverage techniques like code coverage, path coverage testing and comparison with the defects reported is used to ensure that agreed level of testing is achieved.
- Test team is chosen from the pool of testers with excellent domain knowledge.
- Matrices like Test Execution and Defect metrics are maintained and periodically shared with the client to give transparency and control on the testing process.
- Test Automation strategy is adopted as per clients need mainly from the point of view to reduce testing time and resource and perform repetitive test cycles in iterative build environments.

DNV's Testing Services Offerings

Technologies offerings for Testing Services:

- Test Case and Defect Management
 - ✓ Quality Center, Test Director, Rational tools, Silk Central, Bugzilla
- Test Automation
 - ✓ QTP, Rational tools, JTest
- Performance and Load Testing
 - ✓ Load Runner, Silk Performer
- More...
 - ✓ Junit, Nunit

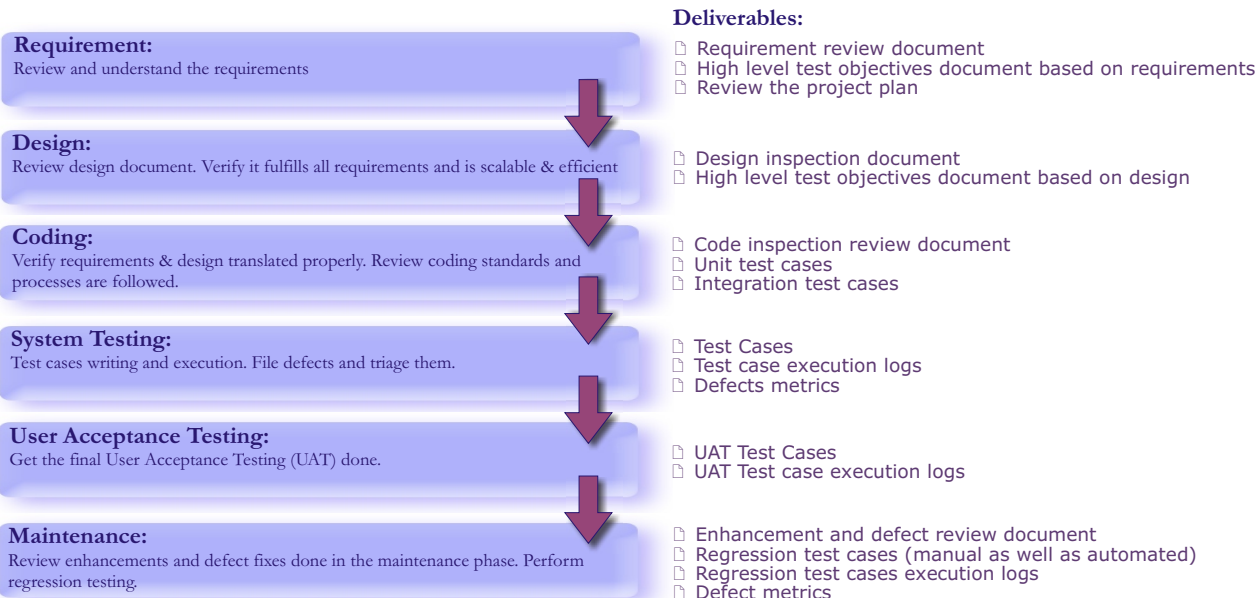
Methodology

Life Cycle Testing (V Model)

Waterfall development model give testing a task of its own and is done towards the end of the development process. Hardly any testing gets done during requirements gathering phase, design phase and development phase. Hence, obviously the defects identified during this independent testing phase are very costly to fix which is this model's biggest disadvantage.

DNV follows and recommends its clients international standard testing process of Life Cycle testing. Life cycle testing or V model testing as its generally referred aims at catching the defects as early as possible and thus reduces the cost of fixing them. This is achieved by making sure that the system is under test coverage throughout the development process rather than limiting testing to an independent last phase.

DNV has a separate team of test experts for testing of the software products so that they can work on the software testing in parallel with the development team. This helps both teams refer to the same information at any given point in the release cycle. All the documents and deliverables are reviewed and referred by both the teams.



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