QPACK™ FOR DELIVERY OPTIMIZATION

Qpack™ is an internet based suite of software applications, operates in all aspects of product lifecycle management.

Qpack™ main modules are market requirements, product requirements, R&D tasks and unit tests, test planning, test execution, defect tracking, versions management of content, project tracking and analysis, release manager, action items, change requests, dynamic workflow management, seamless integration with MS project, and more.

Qpack™ contains operational and management tools, enabling all departments to work with one integrated system, thus enhance collaborative development, and increase the quality of applications before deployment.

Qpack™ dynamic approach, allows firms to design and implement organizational workflows, and setup project structure and relations between entities. By automating key quality activities, Qpack™ improves communication, and reduces total cost and project risk.

Qpack™ is robust enough to use on large, complex projects, but affordable enough to use on small projects.

Qpack™ provides a complete range of solutions, designed to meet the needs of all participants in the process regardless project type, development environment, operating system or database.

MS PROJECT INTEGRATION

Qpack allows a bi-directional seamless synchronization of a Microsoft (MS) Project and Qpack projects, thus allows project managers to reap the benefits of Qpack, while still maintaining the various PM tools they are accustomed to use within Microsoft Project itself.

MARKET REQUIREMENTS MANAGEMENT

A professional tool for product anagement based on Blackblot PMTK methodology. This module manages all marketing data, such as potential user's profiles, markets, and market requirements, and manages traceability of coverage of market requirement by product requirements.

PRODUCT REQUIREMENTS MANAGEMENT

By Capturing business technical, functional, or operational requirements, the user can easily create the basic structure of the project, along with priorities and effort estimations, define dataflow and automatic redirection allows organization to respond rapidly to ever-changing requirements, without jeopardizing project success. User can track requirements progress at all times, helping organization to optimize the software delivery.

R&D MANAGEMENT

Based on the requirements, Qpack™ provides a collaborative task Management System. The R&D department can easily design and implement software/hardware modules, submitted to ongoing changes. Qpack™ provides the developer with unit testing tool to maximize quality, thus reducing QA efforts and cost. Its shared repository, notifications mechanism, automatic task assignment and business policy automation, empowers organization to manage R&D tasks quickly and effectively.

Qpack™ also integrates with various source controls such as CVS, Perforce, Clear case. The source code is linked to specific Qpack items, and every change made in source file, activates the notifications system accordingly.

TESTING MANAGEMENT

Based on the requirements, Qpack™ provides easy-to-use tools for test planning and design. Qpack™ maintains all tests planning information in a central repository, and manages the automatic on-going links between tests and requirements, submitted to version changes and defects, thus reducing data duplication and maintenance. All tests data can be easily reused for future versions and releases.

TEST EXECUTION

After test planning, Qpack™ provides the test execution module, to run automatic and manual tests. Test results are saved and can be later viewed, and used in the analysis tools of Qpack™ for decision making.

DEFECT TRACKING

A central module for defect management which is linked to source code. Each defect can be reported under specific requreiement, thus enabling better tracking of requriement.

Qpack™ supports the entire defect lifecycle — from detection, either by customer or internal, to resolution. This ensures that no defect is overlooked or closed before it has been addressed. Defect lifecycle is dynamic and can be set by the organizations rules. Qpack™ enables reuse of defect data by converting defects to tests , thus enlarges the testing coverage matrix.

USER DASHBOARD

Users can monitor their on-going assignments (tests, tasks, defects, action items, etc.), using the built-in dashboard, and manage all kind of personal settings.

TRACKING AND REPORTS

Qpack™ allows managers to view project progress and customer requirements coverage and traceability at any time. Qpack™ also supplies measurements and alerts regarding project progress.

RELEASE MANAGER

An advance tool for all managers involved with a product release. Tracks and monitors all changes in a specific version. It Provides measurements such as project completion and failure probability, presented with rich graphical gauges and graphs, identifies all changes made during a release and their coverage by the testing, generate release notes document, generate QA plan for the release, based on changes, and much more.

ACTION ITEMS MANAGEMENT

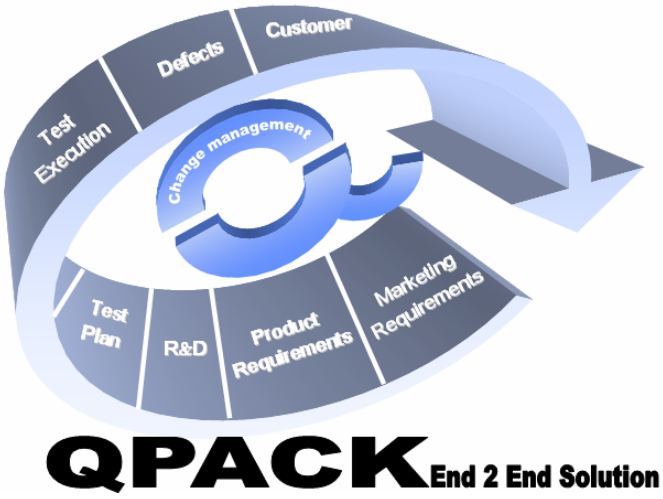
Qpack™ Task Base is designed to enable the follow up of all meeting summaries, and action items with strong tracking capabilities, thus enabling the improvement of execution management across the organization, through a single point of control for any number of tasks or action items.

CUSTOMER FACING

In order to improve customer support, Qpack™ provides external interface with limited permissions, used by the customer. The customer submits requests for new features, report defects and view defects status. Qpack™ automatically route customer's defects to the relevant departments, and acknowledging customer with treatment status.

PROACTIVE SERVER

Qpack unique alerts & notification services identify events by predefined rules, (such as number of critical defects, % of test coverage threshold, etc.) which may affect Quality, budget, deadlines and other technological issues. The proactive server personalizes and then publishes the information, and may perform actions defined for each event. The proactive server can assist in finding abnormal behavior, and help manager with decision making.



ORCANOS provides solutions in all areas of product delivery, including project management, R&D, QA, and CM.

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