Polarion QA

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Ingenuity for life

Design, coordinate and track test management activities in a single, collaborative QA environment

company's development and QA departments with a customizable workflow that triggers user alerts, email notifications and subscriptions. The solution is designed to provide a contextual tool for highly effective, transparent protection of quality data and foster a collaborative work environment.

Leveraging your existing environment

Polarion QA allows you to create test cases and link them back to your requirements, design documents and release plans without modifying your existing workflow. You can import existing test cases from Excel® spreadsheet software and create Polarion work items that can be easily tracked and managed.

Benefits
- Simplify interdepartmental communication
- Enable complete traceability from requirements to test verification
- Leverage entire set of testing assets
- Lower total cost of ownership
- Manage entire testing ecosystem from single source

Features
- Test-centric based templates
- Customizable workflows
- Secure anywhere/any time data access from a centralized platform
- Parametric values support
- Real-time reporting capability
- Flexible licensing and support

Summary
Polarion™ QA software offers you a web-enabled quality assurance (QA) and test management solution for secure anywhere/any time data access, allowing users to share documents and test cases and to assign tasks. By using Polarion QA, you can easily streamline communications between your

Test and quality management

Issue and risk management

Collaboration Traceability Workflow

Requirements management

Change and configuration management

Audits and metrics, reports

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After importing test cases, you can use the Siemens patented LiveDoc™ solution provided with Polarion QA to collaborate with external stakeholders who use Word and/or Excel. The software also includes built-in Requirements Interchange Format™ (ReqIF™) that allows you to provide lossless requirements exchange with your customers and suppliers.

Complete traceability

The ability to link work items is a key element of taking advantage of the traceability and impact analysis features in Polarion QA. You can easily link test cases to requirements, defects, change requests and other required work items across your projects and repositories.

Automating workflows

A customizable workflow makes it easy for you to set up and automate QA processes. You can use the predefined templates, or create custom workflow steps and states for each artifact type, such as requirements and test cases. The customizable workflows help you make sure that nothing is overlooked, misunderstood or bypassed throughout the full development lifecycle.

Real-time reporting

Polarion QA includes functionality to provide you with complete visibility into any test project and allow you to show stakeholders the current status and results of testing activities. You can use the customizable reports and dashboards to summarize and present current project information to your company's management.

Privacy, security and compliance

By using Polarion QA, you can provide full audit controls and secure storage for all work items using a subversion repository. Security can be enhanced based on roles, enforced electronic signatures and browser-based administration.

Managing quality assurance

The Polarion QA software helps you create meaningful reports to detect trends, summarize statistics and provide test cases in addition to generating many other user-defined metrics for managing your quality assurance activities including:

- Quickly create custom reports with dedicated macros using Wiki, which is a website that allows anyone to add, delete or revise content by using a web browser
- Create graphs and charts to provide dashboard views of activities
- Print or convert to portable document format (PDF) for further analysis and distribution

Test cases and steps

Test steps are the core building blocks of functional test cases and are easy to understand and run, consistent to execute and easy to maintain. Any number of test steps can be added to a test case. You can reduce the risk of test execution errors by using a collective set of detailed test steps that provide instructions on how to test and validate functionality.

Compliance-based templates

By using Polarion QA, you have access to a number of preconfigured and fully customizable project templates including those for requirement specification; risk management; release planning; and testing. By using available templates, you can save valuable time when launching new projects.