Value Proposition

◉ End-to-end software engineering workflow to automate the entire development process

◉ Defined lifecycles such as audits, reviews, and change requests to support best practices

◉ Proactive alerts and escalations on process deviations to ensure timely action

◉ Processes, templates, stages and data entities based on rulebooks provided by ISO and SEI-CMMI, ITIL and COBIT

◉ Designed for ease-of-use and fast implementation through rapid configuration for small teams as well as large organizations

DATASHEET

Overview

Effectively managing the process of software development is a critical business driver for organizations that want to truly leverage information technology. Greater accountability is being demanded of IT managers, whether leading in-house application development in an organization or managing projects for external clients. Proactive organizations are adopting process improvement models based on the premise that the quality of the system is determined by the quality of the process and process compliance behind it.

The Softsmith Software Process Compliance & Governance solution (SPCG) provides a structured framework for process improvement across the software development lifecycle based on the industry standard SEI CMMi model. It ties together teams, processes and information to create coherent and complete view of the development system and allows the management to set improvement goals and priorities. With Softsmith Software Process Compliance & Governance solution, companies get complete visibility into it projects, risks and investments to make tactical choices as well as strategic decisions. Designed for CMMi model, the solution also supports compliance with quality frameworks such as six-sigma, ISO-9001:2000 and COBIT.

Features and Functionality

PROJECT MANAGEMENT

Plan and monitor project cost, effort and schedule from a central repository of all projects. Capture individual and group tasks as well as schedule and resource requirements with the ability to manage allocation within and across project at an enterprise level. Predefined lifecycle based tasks enforce sequential activities with no room for process deviations. Track project effort through employee timesheets.

RISK MANAGEMENT

Identify and track risks associated with each project. Quantify risk based on parameters such as source, severity, likelihood of occurrence and detectibility to risk priority-based analysis. Set threshold levels with escalation triggers to ensure timely action and containment.

REQUIREMENTS MANAGEMENT

Manage requirements and change requests in central repository structured to capture the finest level of detail as well as supporting documents. Ensure traceability by mapping requirements with test scenarios and test cases. Flexible workflows for baselines and sign-offs to support adoption of best practices.

TEST MANAGEMENT

Manage test plans and test cases in synch with requirements. Assign and record test execution results along with the start and end time of the test; track defects based on status codes and priorities with automatic email notifications on change in bug status. Analyze defect data on dashboards and maintain complete history of

Softsmith Enterprise Compliance Platform is a robust and scalable infrastructure that provides core services and capabilities leveraged by the Software Process Compliance solution including:

Embedded best practices ready to be used out-of-the-box with the flexibility to meet specific requirements and adapt to changing business processes

Fast implementation with a workflow and collaboration engine that provides configurable forms design and creation, information flows, notifications, alerts and escalation paths

Secure web-based access for all users with appropriate views and tabs for initiating actions, responding to events, managing to do lists and assigned tasks, viewing reports and dashboards

Built-in reporting for analytics and business intelligence for statistical process control with a tool to create custom reports that can be emailed or exported into formats like MS Excel and Adobe PDF

Executive role-based dashboards for graphical views of information with the ability to drill down to the finest level of detail to see the underlying data

Easily integrate with external systems to retrieve, store and deliver data; leverage XML-based adapters for connectivity to other enterprise applications

Support for electronic signatures and accurate time-stamped audit trails

REVIEW MANAGEMENT

Initiate internal reviews for specific project documents or artifacts and assign reviewers. Create review checklists to be followed and track review status. Route review comments for feedback and response and document the activities and outcome with the project information.

AUDIT MANAGEMENT

Initiate audits for specific projects and assign auditor; manage audit checklists and procedure to be followed and track audit status. Document audit findings and instances of non-conformances and route for feedback and response from the audited entity. Determine corrective actions and track action plan implementation to completion and closure.

DOCUMENT MANAGEMENT

Organize process documents and quality management system documents in the same repository. Record process improvement suggestions and initiate changes. Allow quality assurance to track and measure all process improvements.

SALES MANAGEMENT

Manage business leads and track the follow-up status of all the leads. Also track the status of contract and proposal for every client. Identify the purchase patterns of the customer with the help of Sales Analytics.

TIMESHEET MANAGEMENT

Management member can assign specific activity codes to members to log timesheets. Weekly / daily timesheet entry with comments and metrics collection through timesheet inputs made easier. Accurate billing based on the effort spent with two levels of approvals.

TRAINING MANAGEMENT

Identify training needs based on current and upcoming project requirement and tracking skill-set at the organizations level. Set up training calendar, maintain courseware, evaluate trainees, maintain training records, seek feedback on trainer, and allow training waivers.

REPORTS AND DASHBOARDS

Access role-based dashboards and reports to get quick access to all project reports and well as enterprise level information. Track project task status, review status, audit status, non - conformance status, risk status with readily available summary reports, trend reports, history reports with drilldown to the finest level of detail.

Softsmith
Quality Enterprise Solutions