Top TEN reasons to choose The SpectrumSCM Solution

1) **Truly Integrated nature - includes** *version control, issue tracking, change management, process and release management* **all in one integrated product.** SpectrumSCM is not designed/built as a series of bolt-on modules that would (for example) allow a developer to version control some changes without having the appropriately approved task assigned to him/her. **Fully integrated solution** implies that users do not have to use different applications and/or different interfaces to relate change requests with the files that are being affected.

2) **Process Management:** Project Managers and Enterprises can bring in the best practices for **unified configuration management, change management and release management**, thus making it **repeatable, reproducible and fully auditable.**

3) **Fully Customizable -** The process and other key parts of the SpectrumSCM system are customizable to your business flow, as opposed to you having to adapt your process to one mandated by some other CM tool. The graphical workflow designer allows you to specify and customize your SpectrumSCM workflow to follow your process. New phases, transitions, conditionals and callouts can all be added and configured as necessary. Once a life-cycle is configured it can be re-used across many projects or made unique if the need arises. Change Request attributes are another key customizable item, these allow you to track attributes of interest, relative to the CRs, examples are CR type (enhancement, defect etc), location (where did the issue come from (which customer/business unit), associating with external reference numbers (testing tools, help desk tools, requirement tools)) etc.

4) **Change-based configuration management** – SpectrumSCM is **Change Request/Process driven** - rather than being a version control tool that has an issue tracking system built on top, SpectrumSCM's change request is the primary key to the system just like a task is to your business process. **Task/Change-based** configuration management allows users to focus on the reason for the change rather than file versions and labels. You create and assign tasks that then flow through your workflow. Developers (and other users, testers, project leads, deployment folks etc) need only focus on the tasks that are assigned to them. They simply "progress" the task when they are completed with their part.

5) **Build and Release Management.** Release management is an intuitive, graphical process. Releases are composed of collections of CRs that have reached an approved state in the life cycle. CRs are simply dragged from the available pool into the associated release group in one easy step and all associated elements (i.e files) move into the release automatically. File level and Task level dependency checking between CRs is a continuous process that ensures that incomplete work does not get "accidentally" deployed CRs are color coded in the release function to give instant feedback on status.. The release management features can be run well before the sources reach your deployment area, thus allowing you to test well defined and reproducible code-sets. When a release is defined your build process becomes fully **repeatable, reproducible and auditable**.

6) **Truly Platform portable** - by being written in 100% Java, the SpectrumSCM system is fully platform portable. This means that your users do not have to re-train or get used to different interfaces when they switch from the Windows PC's to Linux/Solaris/Unix servers, or even if they access the system over the web. The whole user interface looks and feels the same. Any platform that supports a modern Java Virtual Machine can run SpectrumSCM.

7) **Project Performance Dashboard -** This allows you to track, analyze, and measure project, process and change request trends. This is very powerful feature to monitor project efficiency, process efficiency, team efficiency and quality efficiency.

8) **Value for money** - SpectrumSCM is a full-featured enterprise class system but yet at the price of a single version control tool. By using the write-once platform portability of Java we are able to support all our customer platforms with one code-base. This is as opposed to having a Windows version, a Linux version, a Solaris version etc. We pass these savings on to you by giving you all the Enterprise class features (version control, issue tracking, change management, process management, release management etc) AND under a **floating/concurrent** user license for one low price. All of our competitors CM systems charge a significantly higher fee for their concurrent licenses. In some instances even their named licenses are more expensive than SpectrumSCM's floating license.

    Most Economical Total Cost of Ownership (TCO) . SpectrumSCM is the most economical full-featured platform independent SCM solution available. Management will find that the cost of SpectrumSCM licenses and annual support with all of its functionality is typically less than purchasing separate products to accomplish the same tasks. Minimal-to-no administration is required. End user training is also minimal, requiring, at most, two days. Some end users learn the system completely on their own.

9) **Integrating with other life cycle tools through the process framework.**
    Because of SpectrumSCM's process driven and integrated nature, integrating with other external systems such as Help Desk, Requirements, Build, Testing and Deployment tools not only triggers those external systems but can in turn be tracked, managed and audited through the SpectrumSCM process framework.

10) **Low Administration** - For the basic day to day activities, SpectrumSCM tool does not need a dedicated SCM Administrator as one can be accustomed to with other tools. SpectrumSCM is a role based, project based and process driven tool.. The various SCM tasks such as assigning users to projects and giving them tasks are split across the project team members based on their normal roles within the team (team leaders, project managers etc).

    SpectrumSCM does not require dedicated system administrators to perform system maintenance. The team using SpectrumSCM should elect a couple of SMEs (subject matter experts) for initially defining projects, users, roles, creating life-cycles and executing other operational functions. But these are essentially just startup functions for the most part.

    SpectrumSCM comes bundled with a zero administration database. This is a commercially available database, not a proprietary element of the application. The database installs automatically as part of the system installation. No additional on going care and feeding is required with respect to the database, unlike many of the other enterprise class SCM tools.

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