"A Guaranteed Way to Reduce Costs while Improving Quality and Productivity"
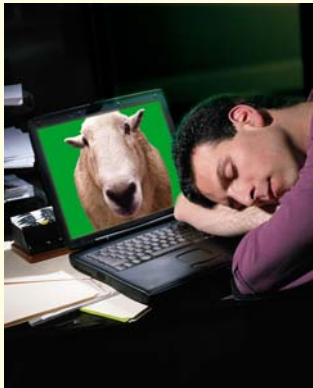

SPECTRUM SOFTWARE, Inc.

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"One solution for all your Source Configuration Management Needs"

Spectrum Software

SCM-1

Difference between "Focus on problems" and "Focus on solutions"

Some food for thought………

– When NASA began the launch of astronauts into space, they found out that the pens wouldn't work at zero gravity. In order to solve this problem, they hired Andersen Consulting (Accenture today). It took them one decade and 12 million dollars. They developed a pen that worked at zero gravity, upside down, under water, on practically any surface including crystal and in a temperature range from below freezing to over 300 degrees C.
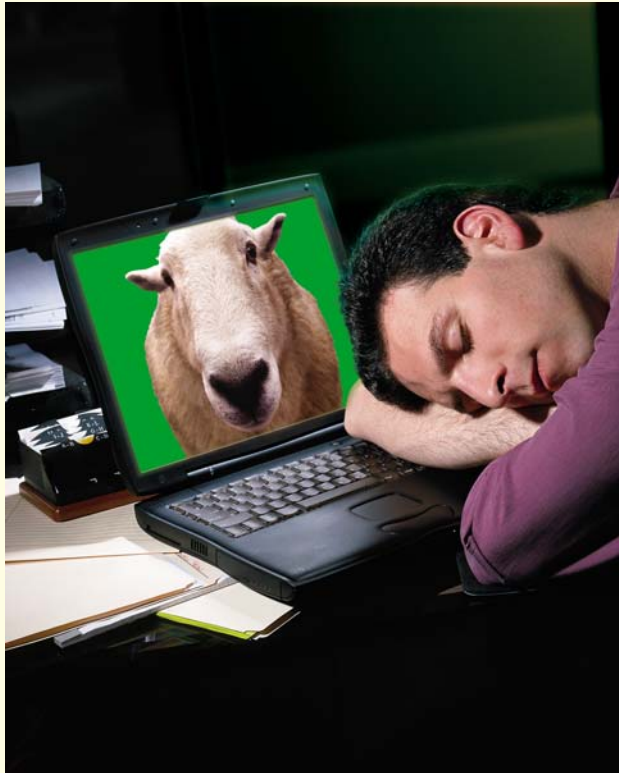
– The Russians used a pencil.

Source: Internet

"Lot of us have problems, few of us work on finding the solution"

SCM-2

- About SpectrumSCM®

- How SpectrumSCM® Will Meet Your Needs

- How is SpectrumSCM® a Unique and Powerful SCM tool

- SpectrumSCM® Return on Investment (ROI)

- Why SpectrumSCM®

- Are you ready for SpectrumSCM® ?

Spectrum Software

About SpectrumSCM®

Spectrum Software

™

How do you face these challenges in your environment

- How do you manage the definition, development, creation and release of all your 'e-Assets'. *i.e software, documents, source code, images, drawings, web pages etc.*

- What tools do you use for managing changes to your 'e-Assets'.

- How is workflow/process compliance steps enforced.

- How is the change and approval process tracked and handled .

- How are tasks/issues tracked with the actual changes that are made to your 'e-Asset'.

- How are frequent releases of software, documents, drawings, web content etc. handled including parallel development.

- How is the communication between the stake-holders (internal and external) and the project team members handled.

SpectrumSCM

"The first truly integrated, full featured, platform independent SCM tool that includes,

Version Control, Process Management, Work Flow, Issue Tracking / Change Management, Branching, Parallel Development, Release Management and much more ...

all seamlessly integrated in one single system with out any dependency on the underlying OS.

Windows, UNIX, Solaris, Linux, Macintosh, Mainframe, www, etc.
Yes, they can all get along.

™

"Truly Integrated Functionality, Not Interfaced Confusion"

Spectrum Software

Target Market - Who are they ?

- Our target audiences are across all industries, both IT and Non-IT companies and environments.

- Our target audience is small, medium or large organizations who considered or have

  - High-end tools that are very expensive, complicated and awkward to maintain
  - Low-end tools that you have to buy in pieces of functionality, that often have integration problems
  - No tools or process

- SpectrumSCM is a nice alternative under all these situations

Target Audience

- Any user who is part of a project life cycle that deals with creation, management and release of any 'e-Asset '*(source code, text, documents, images, drawings, proposals, contracts, web pages etc)*

- IT Companies
- Software Development Teams
- Call Centers
- Help Desk department
- Engineering Firms
- PR, Marketing, Advertisement Agencies
- Desktop Publishers
- Multimedia Companies
- Lawyers, Insurance, Accountants
- Traditional Departments (Sales, Finance, Accounting, etc)

"Everyone Needs it"

How is SpectrumSCM unique and Powerful

✓ The only full featured, platform independent SCM tool – "Buy once, use anywhere"

- Java flexibility of platform and database enables true portability

✓ Integrated functionality, not interfaced confusion

✓ Delivers significant cost and resource efficiencies, based on:

- elimination of need for separate tools
- reduction in cost of training
- reduction in integration costs
- reduction in errors usually associated with running disparate tools
- elimination of need for dedicated CM tool administrator

"With SpectrumSCM you only pay once and reap the benefits forever"

Spectrum Software

How is SpectrumSCM unique and Powerful

✓Affordability and flexibility means it can be deployed at every desktop

- benefits of CM practices can be achieved across an entire organisation

✓Meets the needs of small and large enterprises

✓High-end CM capability at the price of a competitor's single function tool

✓Guaranteed cost savings of up to 80% compared to peer CM tools

✓Money back guarantee underline SpectrumSCM's cost advantages and performance confidence

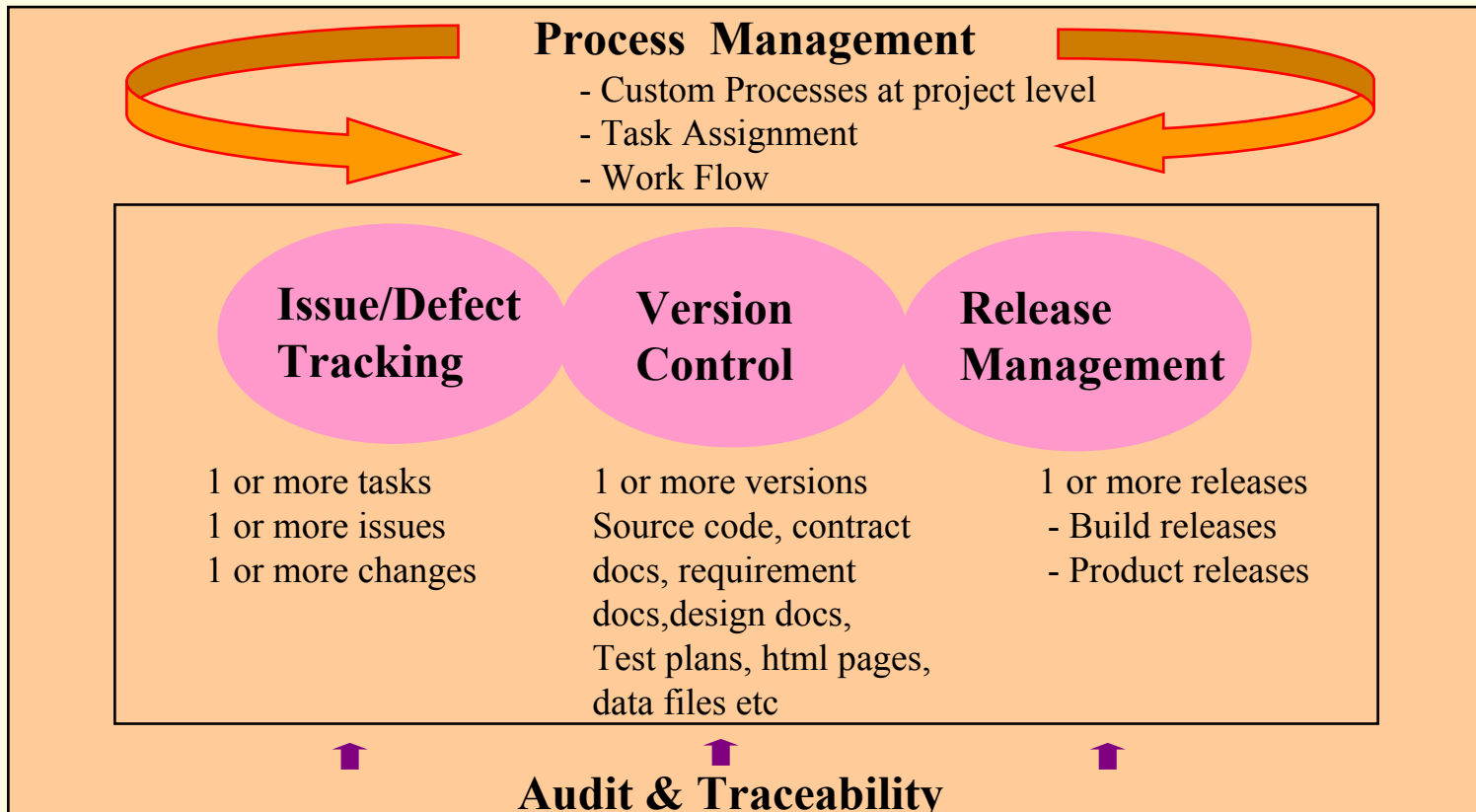✓No other provider delivers one single "integrated" solution right out of the box.

Benefits

➢ **Components:** Identifies, classifies, and accesses the components that make up the software product or any other 'e-Asset'.

➢ **Structure:** Represents the architecture of the product .

➢ **Construction:** Supports the construction of the product and its artifacts.

➢ **Auditing:** Keeps an audit trail of the product and the process

➢ **Controlling:** Controls how and when changes are made.

➢ **Process:** Supports the management of how the product evolves.

➢ **Team:** Enables a project team to develop and maintain a family of products.

All Integrated in One Tool

SpectrumSCM

Process Management
- Custom Processes at project level
- Task Assignment
- Work Flow

Issue/Defect Tracking

Version Control

Release Management

1 or more tasks
1 or more issues
1 or more changes

1 or more versions
Source code, contract
docs, requirement
docs,design docs,
Test plans, html pages,
data files etc

1 or more releases
- Build releases
- Product releases

Audit & Traceability

How SpectrumSCM® Will Meet Your Needs

✓ **SpectrumSCM is to bring** **ORDER** **from** **CHAOS**

✓ File Version Tracking or revision control
  - *For all 'e-Assets'*
  - *Safe and efficient storage & retrieval of sources*

✓ Controlled Access to Shared Resources
  - *Safe file sharing*

✓ Product Release Configuration
  - *What versions of which files make a release*
  - *Ability to reproduce any release at any time*

✓ Source Code Extensibility
  - *Ability to change files without disturbing previous works*

✓ Issue Tracking/Problem Management
  - *Ability to relate actual source changes to a living, track-able*
  - *problem statement. Ex: CR number*

✓ Auditing and Status accounting - Who made that change?, And Why ??
  - Record and report changes, for reproducibility and trace-ability

✓ Command line features allows other IDE's to use SpectrumSCM's CM functions.

We'll do the Work For You

SpectrumSCM API and IDE Integration

- SpectrumSCM API
  - Allows interfaces to external applications
  - Allows to customize workflow
  - Event triggers

- Supports* MS_SCCI integration

- Supports* the Eclipse IDE framework

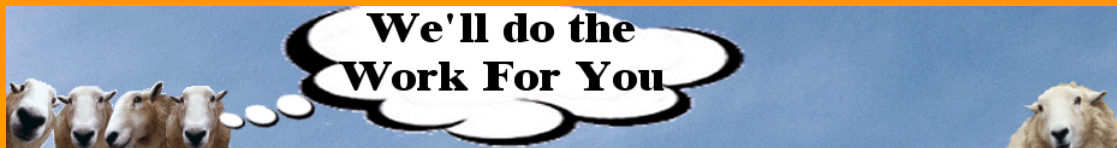Spectrum Software

™

SpectrumSCM
ROI

How does SpectrumSCM Reduce Cost

- It provides full CM functionality at the cost of a version control or issue tracking tool.

- Buy once use any where . No need to repurchase new licenses when you change your Server Operating system.

- No need to install the software on each and every machine

- No need to maintain and manage multiple repositories to support distributed teams

- No need to purchase separate licenses for each OS

- No need to hire separate CM administrators for maintaining the tool

- No need to procure separate databases to support CM

- No need to hire separate database administrators to support this tool
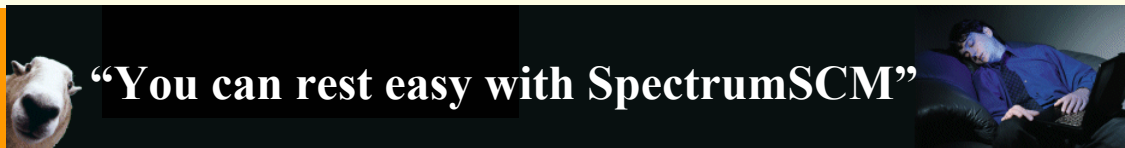
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How does SpectrumSCM Improve Productivity & Quality

- ✓ Common system for CM support on multiple platforms

- ✓ Provides full CM functionality over the web with one single system

- ✓ One integrated tool that has issue-tracking, version control, process management, work flow, and release management built-in.

- ✓ Provides an efficient mechanism to manage any 'e-Asset' (software, source Code, documents, images, drawings, contracts, proposals,html pages etc)

- ✓ Provides the organization flexibility to create and enforce the process that needs to be adapted to address the tasks/changes/issues that get generated or reported.

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How does SpectrumSCM Improve Productivity & Quality

✓ Provides an efficient mechanism to manage, track and report all the exchange of communications that happens in a collaborative team environment

✓ Provides an efficient way to handle change and approval process, customer complaints, hard-to-manage workflow, frequent releases of software, documents, or any 'e-Assets'.

✓ Provides an ability to keep all stake-holders (internal and external) that are part of the entire product life-cycle, in sync.

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ROI using SpectrumSCM as a SCM tool (Enterprise)

Assuming 50 user license
High-ended CM tools

1. Annual loaded cost of a CM administrator : $100,000
2. Annual cost of a Database Administrator: $100,000
3. Cost of Database Software*: $4,000 - $40,000
4. Cost of Maintenance and support: $600 per license
5. Typical cost of license: $2000-3000 Per license

Cost of CM using other peer CM tools: $150,000 **+** cost (1,2,3) **+** 30,000 **+** Cost to change platforms

SpectrumSCM Solution: $29,000 **+**   0   **+** $6,000 **+** 0

Savings: Upto   80%   on the tool
100%   on the rest

Spectrum Software

ROI using SpectrumSCM as a SCM tool (Small teams)

Assuming 10 user license
Separate tools

1.	Average cost of version control tool :	$700 per license
2.	Average cost of issue tracking tool:	$800 per license
3.	Cost of Integration of these tools for CM:
4.	Cost of Maintenance and support:	$200 per seat
5.	Platform Specific
6.	Need to learn separate tools
7.	Cost of supporting distributed environment.

Cost of CM with separate CM tools: $7,000 + $8,000 + cost (3-7) + $2000 +
Cost of PRODUCTIVITY loss.

SpectrumSCM Solution: $9,000.

ROI using SpectrumSCM as a SCM tool (Small teams)

Assuming fully loaded cost of a developer: **$100,000** per year

With a 10 % GAIN in Annual PRODUCTIVITY a project will save the cost of One Developer per year for 10 – Person project team.

Using SpectrumSCM, a project team can expect to save at-least 4 hours a week per team member, if not more.

SpectrumSCM Solution:

- **Full CM solution at the price of a single separate tool**
- **Annual Savings of $100,000 in productivity gains and**
- **You can expect more ……**

We'll do the Work For You

Spectrum Software

Technical Support

- Telephonic and Email Technical Support
  - Annual support contract per license lowest in the industry
  - First 3 months Free.
  - Free upgrade to latest release of SpectrumSCM within first year of purchase
  - Annual support contracts (1-100 licenses) $120/year/license
  - Annual support contracts (200+ licenses) $90/year/license

Why SpectrumSCM®

™

Spectrum Software

WHY SpectrumSCM®

✓ Most economical full featured SCM tool around, that includes version control, process control/management, workflow, release management, branching, issue tracking and much more, all **integrated in one tool** and NOT as an bolt-on addition.

✓ SpectrumSCM offers the best combination of value and functionality.

✓ Simple migration from existing environment.

✓ Simple, quick and intuitive to learn and get started

✓ Flexible and Economical Product Technical Support.

✓ Guaranteed response to support queries within 1 business day.

✓ *"Limitless Versatility for Unlimited Productivity"*

Don't Loose Sleep over SCM

Spectrum Software

Getting Started with SpectrumSCM™ is QUICK!

Steps

1. Installation - (Two – 5 minutes)
2. Create Project
3. Create/Add Generic (Branch or Baseline)
4. Create Life cycle Phases
5. Assign Lifecycle Phases
6. Create a user with proper roles /access
7. Create CR attributes
8. Create CR
9. Assign CR
10. Create local root directory
11. Check in / Check out files
12. Progress CR
13. Create Software Releases
14. Review Reports

Typical time to migrate from an existing system to SpectrumSCM and be productive: **< 15 minutes***

SpectrumSCM has migrated (i.e steps 2-14) a HR application containing 3800+ files (Ascii and Binary files) from VSS to SpectrumSCM: **7 minutes**.

Time could vary based on number and size of source files.

Everyone is SMILING

Spectrum Software

WHY SpectrumSCM®

*"We guarantee **SpectrumSCM** to be the **most economical** full featured Source Configuration Management solution amongst all peer CM tools around to harness your delivery capability while improving quality and productivity."*

You can count on SpectrumSCM

Are you ready for SpectrumSCM® ?

"Limitless Versatility for Unlimited Productivity"

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Thank You

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