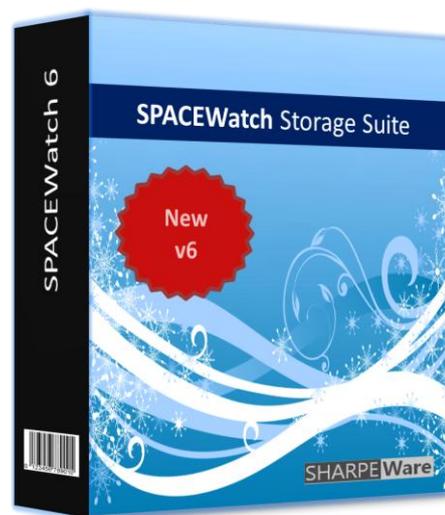


SPACEWatch Storage Suite

Version 6.0

Product Overview

December 2009



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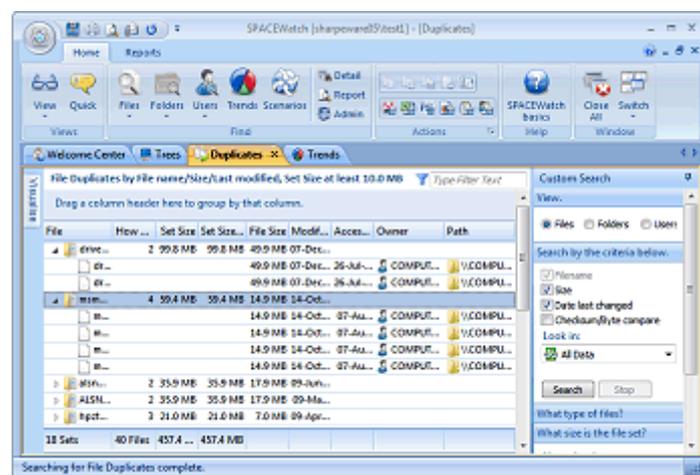
Quick Look at SPACEWatch Storage Suite

During the past five years, SHARPEWare has rapidly delivered new versions of SPACEWatch Storage Suite, the world’s easiest-to-use storage management suite. The introduction of SPACEWatch Storage Suite 6.0 brings dramatic improvements in performance and innovative capabilities – making it both fast and easy for your organization to reduce storage costs and target future investment in the best way possible. And for ready access to all those advantages, SHARPEWare now offers a affordable Editions to match every requirement most cost effectively.

SPACEWatch Storage Suite is designed for the distributed infrastructure, whatever its size. It can be flexibly deployed on one PC or server – or across multiple sites. With its SQL back-end it can scale in even the most demanding network environments.

Whether you’re a small business manager with limited technical expertise, or a veteran network manager of a large enterprise, you’ll find SPACEWatch Storage Suite surprisingly straightforward to deploy and use. Start small with an evaluation system and then deploy benefits across your entire infrastructure.

SPACEWatch Storage Suite: the simple way to get more value from your storage investments.



New tools in Version 6.0 SPACEWatch Storage Suite

Scenario Planning. This completely new tool allows users to visualize future storage costs based on historic growth. Users can then add scenarios to model the savings that various actions might deliver. For example, model the storage cleanup on one server or across your entire network, and immediately see the predicted savings month on month. Justifying investment or calculating payback periods has never been easier.

Storage Health Check. Good for routine checks that don't take much time. Quickly check key parameters – like file systems running low on storage, areas where there has been significant recent storage growth, or excessive levels of file duplication. View traffic lights for instant feedback – then follow through with the investigation links when you want to understand the causes and progress remedies.

Storage TreeMaps. If you have a lot of storage and want to find 'hidden' folders that are consuming lots of space, then treemaps are a great way to see what is going on. They use an optimized algorithm to display large amounts of data in a way that instantly highlights areas of interest. And, as with any other area of SPACEWatch, more detail and reports are never more than one click away.

File Duplication by User. All networks have a high level of file duplication. The problem is not finding them, but analyzing them in a sufficiently useful way to allow action. With File Duplication by User you get another great way to achieve this. Quickly view the users who are worst offenders in duplicating storage, list the largest storage wasters and provide file level detail to get started on addressing the issue – all within the same tool and at database speed.

DataView and Visualise. Many users have millions of files stored in unstructured ways across the network. Finding underlying issues can be difficult, with thousands of results to analyze. With the introduction of new DataView and Visualise tools these results can be analysed visually in multiple dimensions – at a glance revealing where quick wins can be achieved.

SPACEWatch Designer. Easily extend the formatted reports that SPACEWatch provides with custom reports produced using the SPACEWatch Designer. This GUI tool gives access to report formatting and data content and produces custom report scripts that can be easily shared across installations, and automated for scheduled and unattended execution.

Easy Setup



SPACEWatch is easy to set up and use on one PC or server – or across your entire network.

With the new release of SPACEWatch Storage Suite, SHARPEWare extends ease of use to the management of multiple installations of SPACEWatch across your network.

With simplified administration small businesses and workgroups without IT support can now take full advantage of the benefits of the full-capability Enterprise Edition.

SPACEWatch Administrator

For simple installations you can continue to operate SPACEWatch in a single installation on one PC or server. For more comprehensive storage management setup starts with SPACEWatch Administrator.

With a few clicks Administrator walks you through common task automation – like routinely maintaining your space databases; running off your preferred reports; and carrying out routine storage management tasks like archiving or deletion of unused and unwanted files.



Remove Unwanted and Unused Files



Use SPACEWatch across your network to find and remove file duplicates and other unwanted files

With SPACEWatch you can find file duplicates quickly and accurately, see what types of data are being stored and carry out complex searches instantly across your whole network.

Find unused files wherever they are. Generate reports and have them sent via email to your users.

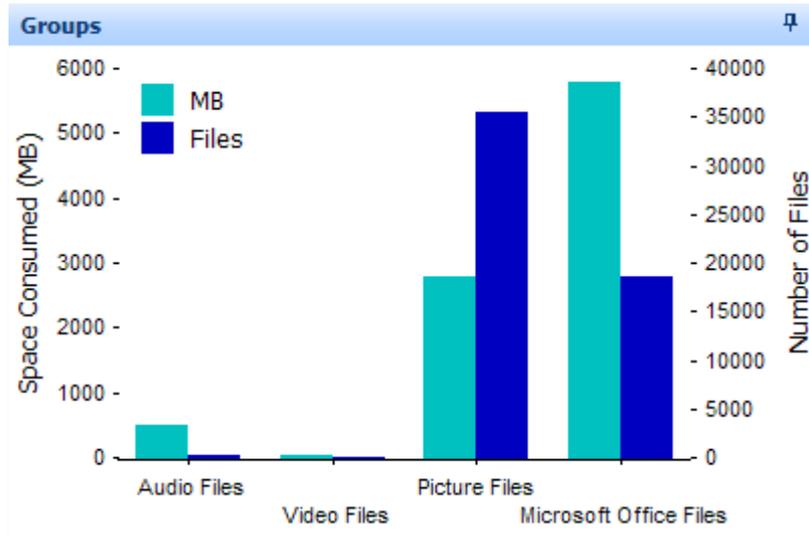
File Duplication Finder

SPACEWatch lets you search for file duplicates, with results in seconds no matter where they are hiding. Search across all your servers and storage systems at once, or limit your search to the worst offenders. And once you have results to review, visualise how storage is being consumed by duplicates on each of your servers. Review the worst offenders by file, user, or folder.

File	How many	Set Size
system.adm	18	27.2 MB
system.adm	18	27.2 MB
system.adm	9	13.6 MB

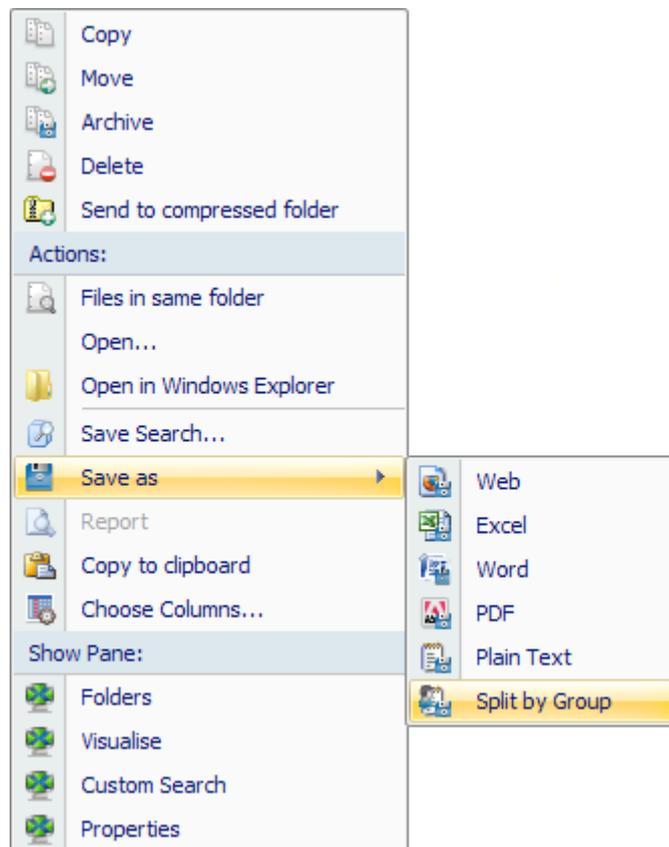
Advanced Types analysis

Want to monitor storage being wasted in unwanted types of data, like "music files"? Define your own groups of data types and SPACEWatch will let you instantly monitor how much of a problem they are. With one click you can instantly drill down and see essential details like where those files are, who created them - and when they were last used.



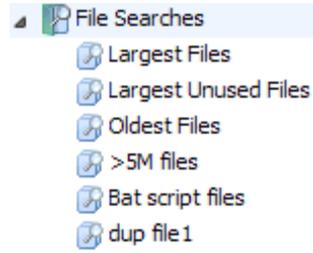
Unused File Finder

Use "one click" analyses to find other unused and unwanted files. Or construct, save and re-use your own complex searches again and again. Use the powerful "save by group" feature to readily share results with individual users.



Complex File Search and Store

Use save searches for your own custom reports - or go one step further and set up automated file actions with the results, like archiving or deletion.



Analyzing Network Storage Use



Use SPACEWatch for instant analysis of your storage – even when its on a remote site or not available.

SHARPEWare have designed SPACEWatch so that users can exploit the enterprise tree-size summary to see where storage is used in one glance. It gives instant results on even the largest network, and will show the “hot spots” of storage usage across multiple servers network-connected and storage devices – and right down to individual folder and file detail as necessary.

SHARPEWare have engineered SPACEWatch to provide all of its functions across many platforms – including Windows, Netware, UNIX and linux file servers and network-attached storage, but also messaging systems such as Microsoft Exchange mailboxes, public folders and IBM Lotus Notes applications and databases.

Enterprise tree size summary

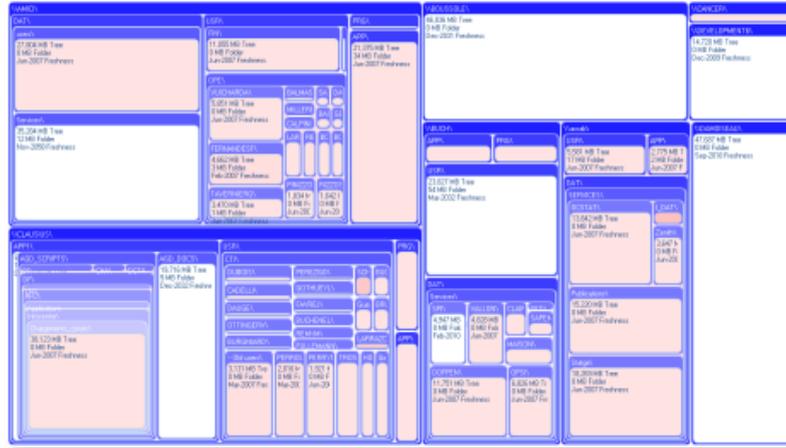
Using the tree-size tool IT professionals can rapidly analyze where storage is being used across multiple servers, NAS and SAN devices. Filter out the noise to easily see areas of interest.

%	Path	%	Tree Size	Folder Size	Freshness	Owner
	\\CANCER\		3.3 GB	0 bytes	01-Jun-2007	
	APP		850.2 MB	1.0 MB	01-Jun-2007	{Supervisor}
	DAT		638.6 MB	1.1 MB	01-Jun-2007	{Supervisor}
	PRG		103.6 MB	56 KB	01-Jun-2007	{Supervisor}
	USR		1.8 GB	5.7 MB	01-Jun-2007	{Supervisor}
	ECDIP		1.8 GB	0 bytes	01-Jun-2007	LIMATD.DSI

Construct, save and re-use your own complex searches again and again. It becomes simple to answer previously difficult questions like "where on the network are all the large files that have not been used for a long time, and who has been creating them".

Storage TreeMaps

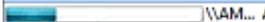
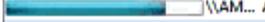
Storage treemaps let you see large amounts of storage – even your entire network – but instantly see where problems lie. Find those large regions of unused space at a glance. Then drill down or expand your view to start addressing the issue.



Using SPACEWatch’s unique database-driven capabilities you can start with a treemap of your entire storage – then pick a region to expand in a new treemap. See results instantly no matter what the size of your network.

Network storage summary

With the network summary you can see all your volumes, disks and file systems - and their current status - in one handy view. Produce exception reports and have them sent to you by email - automatically.

System	N...	Status	File s...	Total Size	Free Space	Free Space %
 \\AM... A...	A...		NWFS	9.8 GB	7.9 GB	81.3%
 \\AM... A...	A...		NWFS	87.9 GB	37.4 GB	42.6%
 \\AM... A...	A...		NWFS	87.9 GB	23.1 GB	26.3%
 \\SH... S...	S...	Low sp...	NTFS	19.7 GB	2.0 GB	10.4%
 \\CO... C...	C...		NTFS	74.5 GB	26.5 GB	35.6%
 \\BAL... B...	B...		NWFS	19.5 GB	9.2 GB	47.3%

Spotting Trends, Costs and Savings



Calculate future TCO and model the impact of planned change.

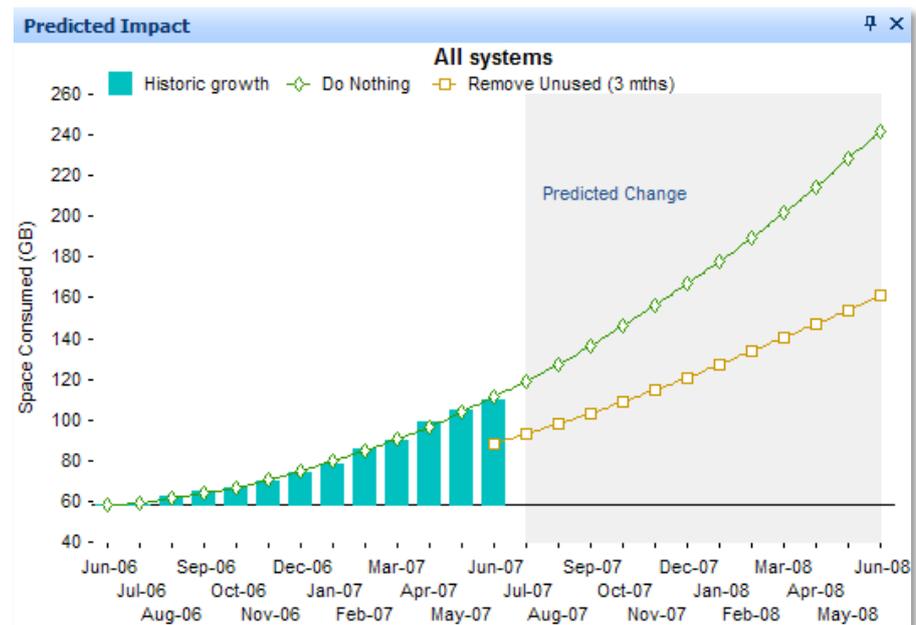
A perennial issue for any IT manager is identifying ways to reduce overheads and justify investment decisions. SPACEWatch has been designed so that users can quickly review historic trends in storage growth or access or plot future trends.

Users can carry out "what if" scenario analysis to test return on investment plans and contrast these with the future cost projections that doing nothing will incur.

Trends and scenario data can be used in other applications to prepare budget submissions or investment recommendations.

Analyzing future cost (and savings)

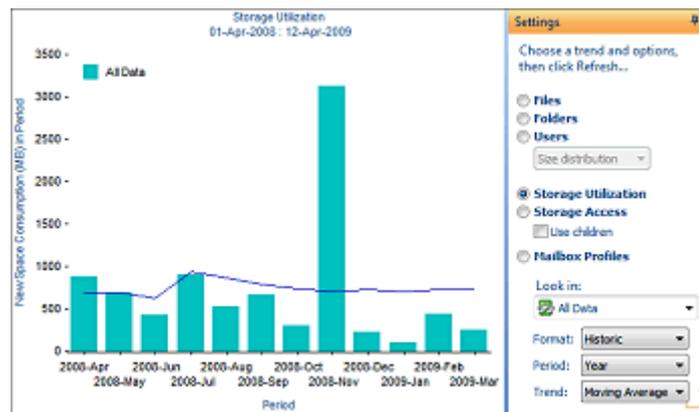
See a baseline prediction of storage growth, then compare this with scenarios that you might implement. For example, see the predicted impact of removing unused files and use this to justify the activity required. Perfect as a planning tool to aid in business case preparation or investment analysis.



Scope	Scenario ▲	Now	6 months	12 months	Growth	Cost/Saving
All systems	Do Nothing	109.4 GB	166.8 GB	241.9 GB	132.6 GB	\$9,942
	Remove Unused (3 mths)	-25.9 GB	-45.9 GB	-80.8 GB		\$-6,058

Storage growth and utilization trends

SPACEWatch lets you view trends in storage use straight away - with no need to build up snapshots first. You can use these trends to look at historic change - and then apply various regression analyses to view possible future impact.



Day-of-week and Time-of-day usage

Use day-of-week, time-of-day and special mailbox analyses to see how your storage is being used – useful if you are planning migration or consolidation exercises.

Reporting



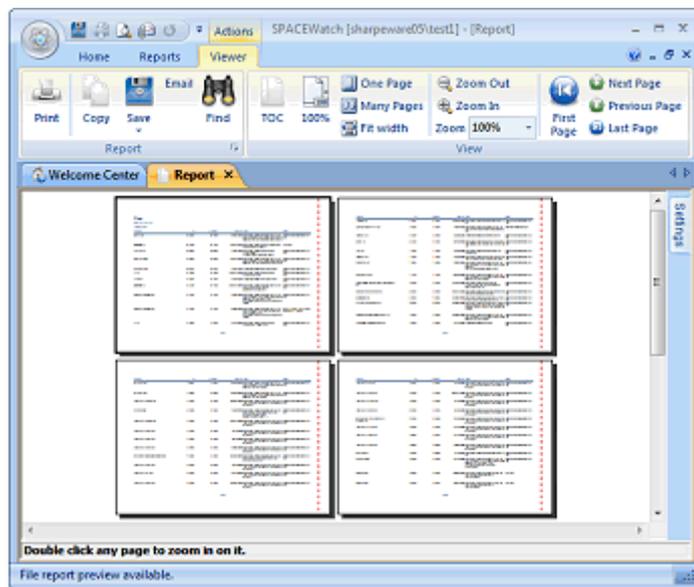
Sharing results with co-workers – or other applications – is easy to achieve.

SPACEWatch is engineered so that users can prepare a range of built-in reports with just one click. Preview reports interactively from within SPACEWatch then save these reports in a variety of formats - including HTML and PDF.

Users can automate the generation of reports and create custom reports to suite any particular needs.

Built-in reports

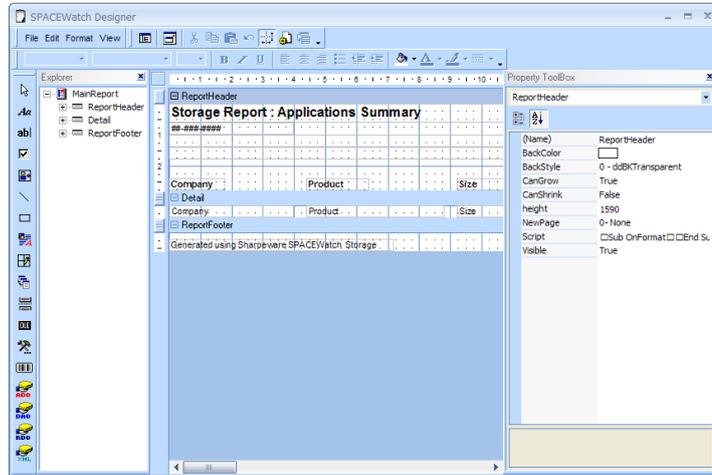
The SPACEWatch Client lets you share any data or charts with other applications. However, if you want something more richly formatted, then a range of reporting options are available. And because SPACEWatch is designed from the ground up for enterprise use, you don't need to run these overnight - prepare them interactively and check immediately that you are getting the results you want.



Using the SPACEWatch Administrator you can automate report production and have standard reports sent out by email to your schedule.

Custom report designer

If the built in reports aren't sufficient, then SPACEWatch offers a highly flexible custom reporting interface. Your custom reports can also be automated as required.



Automation, Archiving and Pruning



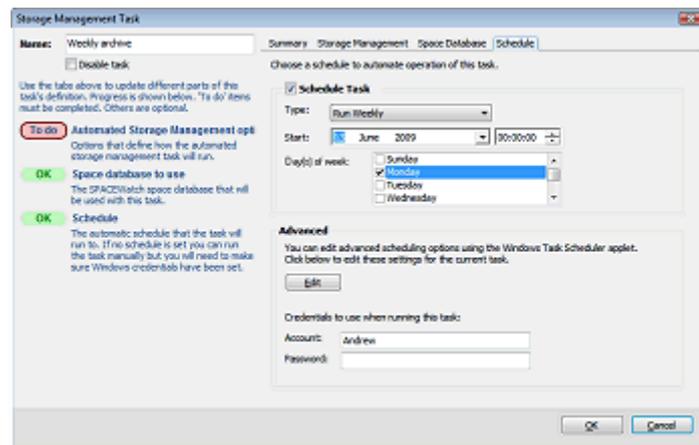
Schedule reports for automatic execution; run archiving jobs and routinely prune unwanted files from your storage.

With SPACEWatch users can automate archiving or file pruning. Create and re-use complex criteria for each task, create and schedule any number of storage management tasks and manage across multiple servers or storage systems.

Send files to secondary storage - or compressed folders without the need to install software on the source or target systems or client PCs.

Automated Storage Management

The SPACEWatch Client is great as an interactive management tool. Users can carry out file actions straight from your search and analysis results - right down to collecting files together and sending them to a compressed folder; or archiving them to secondary storage.



Archiving

Alternatively users can automate the whole process - for example, archive all unused files - or just those that fit a particular more complex criteria. Use the SPACEWatch Administrator to manage, monitor and automate all your storage tasks.

Additional Resources

For more information about SPACEWatch Storage Suite and other SHARPEWare solutions, explore the following SHARPEWare websites:

- **Documentation:** www.sharpeware.com/html/spacewatch
- **Product support:** www.sharpeware.com/html/support

For More Information

For more information about SPACEWatch and other SHARPEWare solutions, visit www.sharpeware.com

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