



Enterprise Deployment Guide

This guide will help you rapidly understand common options for deployment of SPACEWatch pro Enterprise Edition (SW-EE) within your organisation, allowing you and your team to easily search and analyse up-to-date space data across your network.

About SPACEWatch pro Enterprise Edition

The Enterprise Edition of SPACEWatch pro has all the powerful features of Network Edition – but instead of using its own inbuilt database engine, it stores key space data in an external database that can be shared with other SW-EE users.

You can flexibly maintain your space data, allowing SPACEWatch user to search and analyse multiple systems without the need to individually collect their own data. Analysis can include advanced trends, space use at various levels in your Active Directory, eDirectory or Domino Directory – or more basic requirements such as file, folder and duplicates search.

SPACEWatch users do not need direct access to the systems they analyse – they simply need SW-EE client licence and access to the shared database.

For more information on SW-EE please see the on-line product help or the SPACEWatch home page at http://www.sharpeware.com/html/spacewatch_pro

Maintaining space data

SW-EE includes powerful capabilities to intelligently collect and merge space data from your network into the shared database. One installation of SW-EE can maintain space data from both the local and remote systems, limited only by your system performance.

Whilst SW-EE needs to be installed on Windows systems it can collect data remotely from UNIX/linux and IBM Lotus systems, as well as other Windows systems. For UNIX/linux systems you also have the option of a more secure approach using a pre-prepared listing file as the source for space data.

SW-EE will accurately update all data used – from basic file and folder data to more complex trends, file types summary data and more. In this way, even if you are adding new versions of data already stored, the shared database data remains accurate.

SW-EE provides other features to support enterprise use – for example, whilst you can still collect data from local drives, this data is stored by system in the shared database allowing relative space use across our network to be instantly pinpointed.

Finally, as with other Editions, SW-EE includes command-line options to allow you to automate collection activities e.g. with the Windows Scheduler.

Deployment Options

SW-EE has the flexibility to support many different approaches to space data maintenance, however all these methods assume one shared database e.g. as part of an existing database server installation, and one or more user systems for accessing this database.

The various methods differ in how SW-EE is installed to support efficient data maintenance. Whilst two extremes in approach are described below, you can combine these any way you find appropriate.

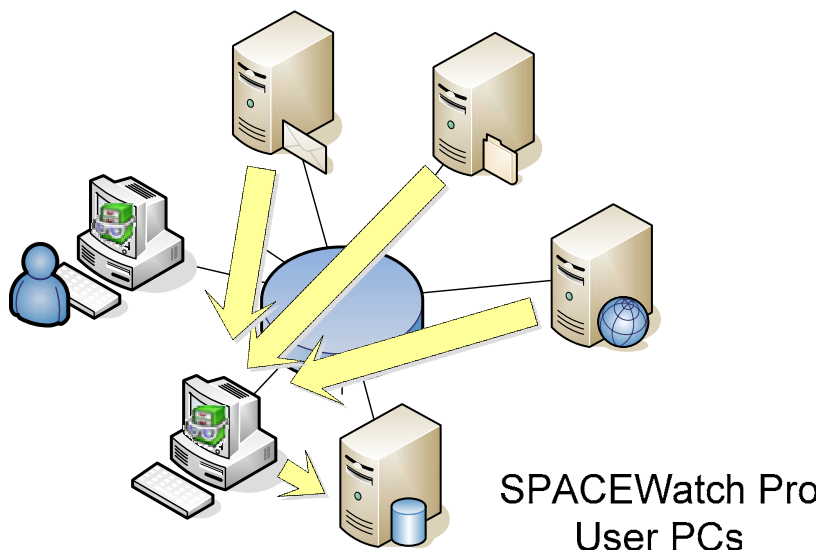
What's more, because every SW-EE installation has full capability, you can flexibly change your configuration over time to suite your growing use of this powerful tool.

Three deployment options are considered below: *centralised*, for small networks; *distributed*, for larger networks; and *enterprise*, where maximum flexibility is required.

Centralised Deployment

This approach is ideal for small networks, one site within a larger organisation, or non-Windows systems.

Here SW-EE is configured on one PC or server to collect space data from all systems of interest. This installation maintains this data in the shared database.



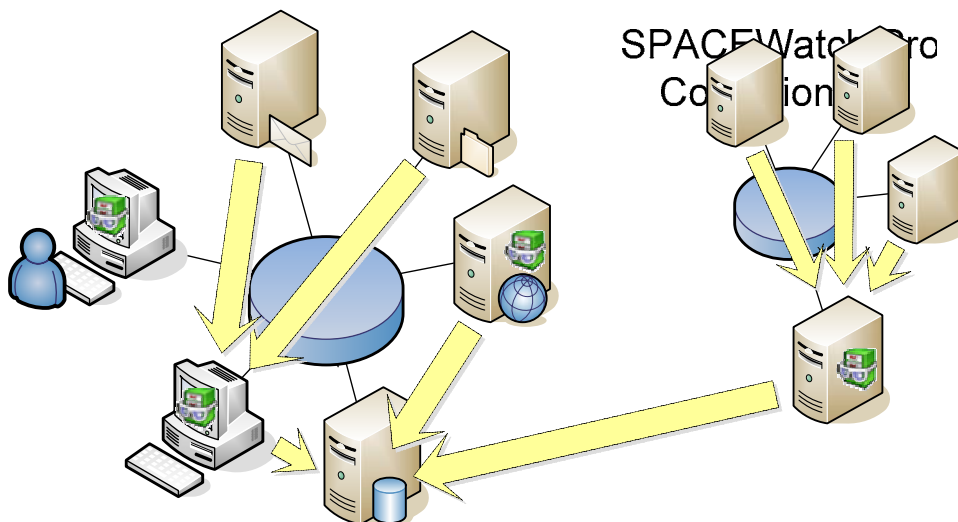
Centralised Deployment – Ideal for small networks

Optionally the shared space database and collection PC can be combined on one system to further simplify this approach. This approach is limited in performance, as the single collection PC acts as a bottleneck in updating the space database.

Distributed Deployment

This approach scales well for larger networks, or where multiple remote sites need to be covered.

In this approach SW-EE is installed on many servers, all maintaining their own space data within the shared database. Typically updates will be scheduled e.g. weekly, staggered to smooth out load on the shared database – although SW-EE's advanced technology will intelligently deal with multiple systems simultaneously updating the shared space database.



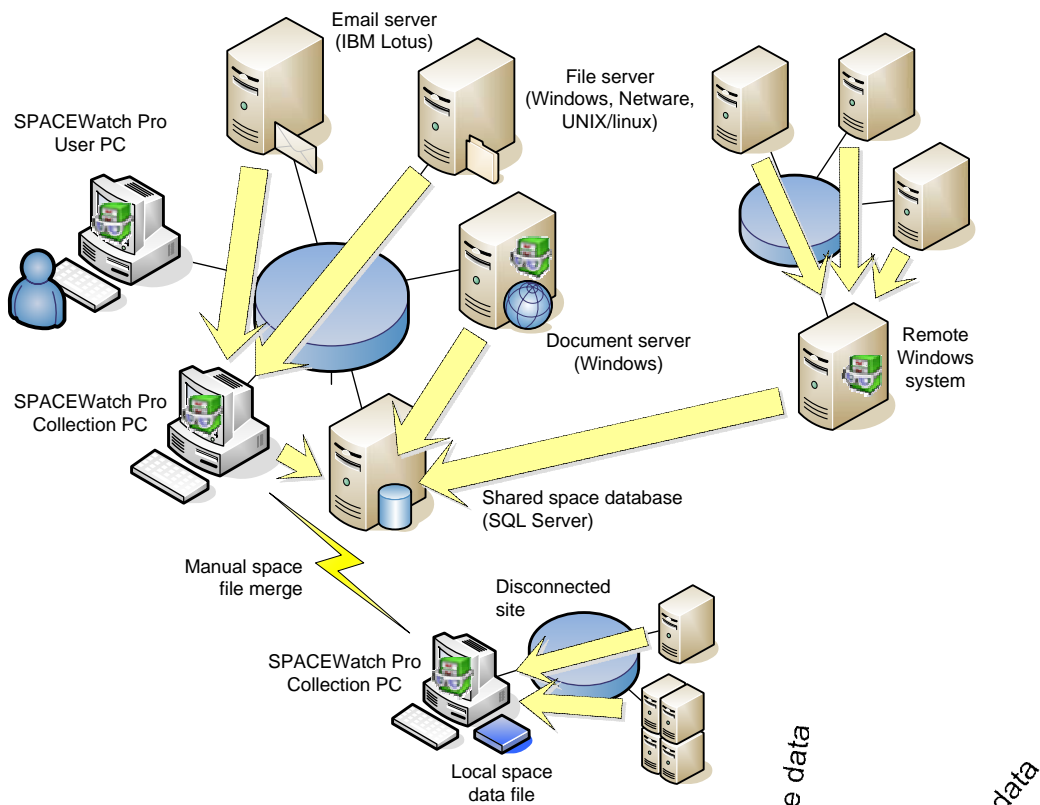
Distributed Deployment - Suitable for larger networks

Enterprise Deployment

Enterprise deployment uses all of the features of SW-EE to provide great flexibility in how you organise space data update. For example, SW-EE incorporates all of the features of SPACEWatch pro Network Edition – this means that you can collect space data in local data files.

Space data

These data files can then be transferred to a more convenient location from where they can be merged into a shared space database. This comprehensive architecture is shown in the figure below.



Enterprise Deployment - the flexibility for any requirement

Here the three main methods of space data collection and update are illustrated:

- Collecting data from remote Windows, Netware, UNIX/linux or IBM Lotus systems
- Using many SW-EE installations to collect local or remote data from multiple sites on a wide area network
- Collecting to local data files for off-line collection, followed by intelligent merging of data files into the shared space database.

Licence requirements

The table below summarises licence requirements for SW-EE in each of the scenarios described above. If you have a licence query about your particular requirements then please contact sales@sharpeware.com.

Configuration	Base licences	Additional client licences
Centralised	1	5 included in base licence 1 licence required per additional server or PC with SPACEWatch pro installed
Distributed and Enterprise	1 per database server	5 included in each base licence 1 licence required per additional server or PC with SPACEWatch pro installed

If you need help with Enterprise Deployment or have any other queries or comments regarding SPACEWatch pro, please contact support@sharpeware.com or visit <http://www.sharpeware.com>