

Installation of ABSL Licence manager (Service Version)

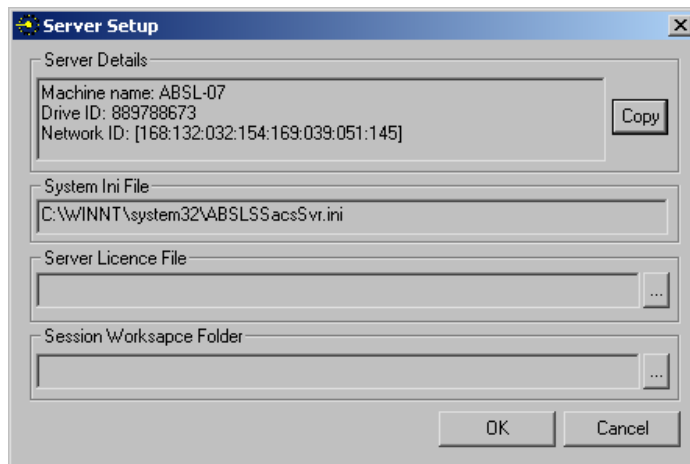
System requirements:

Operating system: Windows NT 4.0, Windows 2000, Window XP

Memory: 16MB RAM

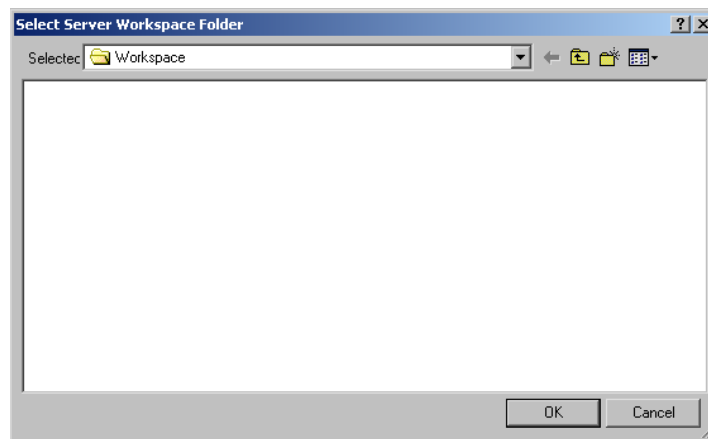
Installation procedure:

1. The target machine need not necessarily be a network file server but will need to be running whenever remote users are accessing licences. Run "Setup.exe" from within the installation folder. (It is recommended that the installation program is run on the target machine). This will install the application in to the System32 folder on the destination machine. (usually "C:\WINNT\System32" – Windows NT,2000, "C:\Windows\System32" – Windows XP)
2. Run the application "ABSLSSacsSvrSetup.exe" located in the System32 folder.



3. To obtain a licence send an e-mail the "Server Details" text to support@absl.co.uk pressing "Copy" will insert the text into your paste buffer ready to be copied into an e-mail.
4. Once the licence file has been received copy it onto the target machine (e.g. "C:\Program Files\As-Built Solutions\SACS Server\Licence")
5. Set the "Server Licence File" to point to the licence file copied in step 4. To browse for this file press the "... " button next to the "Server Licence File" path. This will allow you to browse and select the licence file. **NB: The path must be local to the target machine and not specified via a network path.**

6. The next stage is to setup the session workspace folder, this folder needs to be **local** to the server, however to allow user to be able to access the licences there this folder must be accessible from the network with 'Read-write' access for the users. (Tip: Make sure that you go into the directory before pressing 'OK' from the browse dialog, otherwise it will be in the level above. (Example path: "C:\Program Files\As-Built Solutions\SACS Server\Workspace"). **NB: The path must be local to the target machine and not specified via a network path.** (such as "\\ABSL-07\c\Program Files\As-Built Solutions\SACS Server\Workspace"). For information on how to share folders/drives please consult your network administrator.



7. For each installation of the Hazmap software which will be able to access the server licences the "Absl_sys.ini" file, located in the root of the Hazmap install (e.g. "C:\Program Files\As-Built Solutions\Hazmap Browser v1.1m\absl_sys.ini") needs to point to the workspace folder. To do this open the file within a text editor, and append the following lines:

```
[SACS]
SessionWorkspace=\\ABSL-07\SacsServer\Workspace
```

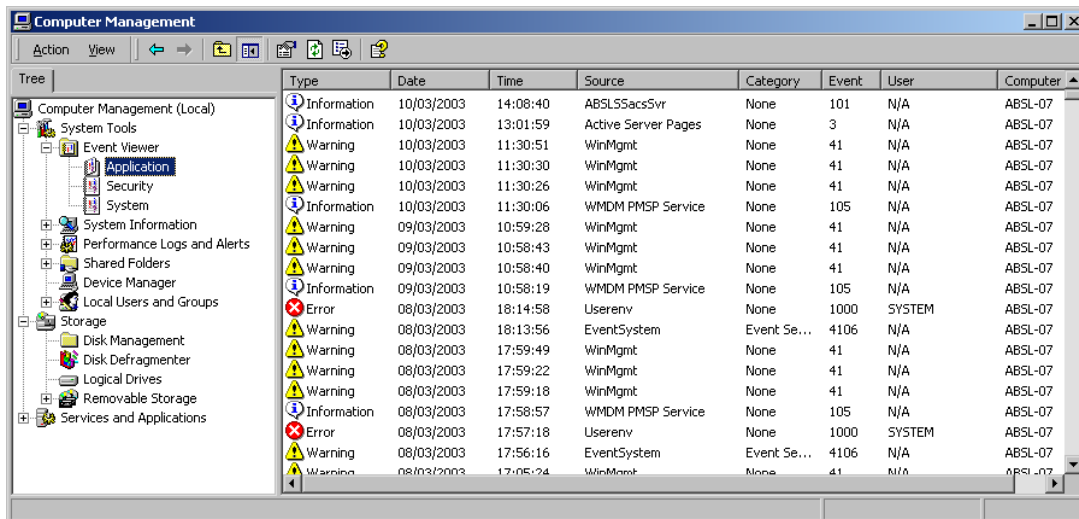
The above example assumes the server is called 'ABSL-07' and the parent folder to the Workspace folder has been shared as 'SacsServer'.

8. Setting group allocations is an optional feature where licenses can be allocated to different projects in order for one licence server to be able to restrict the supply of licences to a particular group of users. The group allocation part of the "AbslSSacsSvr.ini" file is just a list of group names (note there is no space between the name and the '=' sign and then the number of licences allocated to the group (V - viewers B - Browsers M - Modellers). For more information consult Hazmap Browser manual.

Example group allocations:

```
[GroupAllocation]
ProjectTeamA= V: 0 B: 1 M: 1
ProjectTeamB= V: 0 B: 1 M: 1
Viewers=      V: 6 B: 0 M: 0
```

9. Finally the service needs to be installed. From within the System32 folder, run the application “ABSLSSacsSvr -i” at the command prompt in a Windows console. This will setup the service and install it in the service table.
10. Restart the machine, the licence service should start, two files should appear in the “SessionWorkspace” folder, “Sacs.log” and “Sacs_status.txt”. If these files do not exist, consult the “Applications Event Log” which will give a description of the problem. To view the applications log use “Control Panel\Administrative Tools\Computer Management”



11. The licence service will now automatically start each time the system is rebooted.
12. The Service can be started/stopped at any time from within the “Computer Management” application under the “Services and Applications\Services”.

Notes

- Local licences take precedence over server licences (indicated by files with .sac extension and named with the remote machine ID within the ‘Sacs’ folder under each Hazmap Browser installation). These need to be removed to access the server licenses.
- The Licence file and Server Workspace folder need to be local to the server and defined in the “ABSLSSacsSvr.ini” file as local paths. The Server Workspace folder needs to be defined as a network path in the “abs1_sys.ini” files.
- The Server Workspace folder needs to have read-write access rights to all users wishing to access the licences.

Uninstalling the Service

To uninstall the application type “ABSLSSacsSvr -u” on the command line of a Windows console in the system32 folder. This will uninstall the service from the service table, however you will need to uninstall the application in order to remove it from the machine.

Updating the Licence file

If the licence configuration is changed / renewed ABSL support will issue a new licence file. The file should be placed on the server machine (usually in the same folder as the previous file but this is not essential).

1. The service needs to be stopped using the `Computer Management` application described above.
2. The path of the new licence file should be specified in the “`ABSLSSacsSvr.ini`” file, either by using “`ABSLSSacsSvrSetup`”, or by changing the name within the ini file.
3. The service should then be started using the `Computer Management` application.

Alternatively the name can be changed within “`ABSLSSacsSvr.ini`” and then restarting the machine.