

APPLICATION NOTE

Installing PC208W as a Service on a Windows NT Workstation



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Installing PC208W as a Service on a Windows NT Workstation

A Windows NT workstation can run PC208W as a service instead of as an application. This note describes using PC208W as a service, and provides procedures for installing and removing it as a service.



Running PC208W as a service requires the purchase of the Windows NT Resource Kit CD from Microsoft.

General Information

With a couple of utilities from the Windows NT Resource Kit, PC208W can be run as a service instead of as an application on a Windows NT Workstation. This allows many users to log on and off of a workstation without interrupting PC208W's scheduled data collection and tasks. To run PC208W as a service, the computer must be turned on, and the workstation must be waiting for a user to log on (the Ctrl-Alt-Del log on dialog box), or a user must already be logged on. Security permissions for the C:\PC208W directory can also be set to allow only a few individuals or groups to execute or copy the PC208W program or to delete or modify data files.

The table on the following page compares the two methods of running PC208W as a service and as an application.

Question	PC208W Application	PC208W Service
Is PC208W running if the workstation is on but no one is logged on and the Ctrl-Alt-Del log on dialog box is displayed?	No	Yes
Is PC208W running after a user logs off of the workstation?	No	Yes
Is PC208W running when the power has been restored after a power failure and no one has logged on?	No	Yes
Is PC208W displayed on the desktop or the taskbar?	Yes	No
Can users other than domain and local administrators turn off PC208W?	Yes	No
Is PC208W running if a user without security permissions for the C:\PC208W directory logs onto the workstation?	No	Yes
Can users without security permissions start PC208W manually?	No	No

Installation Procedure

The SRVINSTW.EXE or INSTSRV.EXE and the SRVANY.EXE utilities from the Windows NT Resource Kit are used to install PC208W as a service. The installation procedure differs depending on whether you're using the SRVINSTW.EXE or the INTSTSRV.EXE utility; the SRVINSTW.EXE utility is provided on newer Windows NT Resource Kit CDs.



The installation procedures involve editing the Windows NT workstation registry. Before editing the registry, make sure you know how to restore it if problems occur. For information on doing this, see the "Restoring a Registry Key" online Help topic in the Registry Editor (REGEDT32.EXE).

Do not run PC208W as an application while the PC208W service is running or a variety of problems will occur. Always stop the PC208W service with the Services applet in the Control Panel before running PC208W as an application.

Using SRVINSTW.EXE

1. Log on to the Windows NT workstation as a user that has membership in the domain or local Administrators group.
2. Install PC208W on the workstation.
3. Copy the SRVINSTW.EXE and SRVANY.EXE utilities from the Windows NT Resource Kit CD to the C:\WINNT\SYSTEM32 directory.
4. Run the SRVINSTW.EXE utility that's in the C:\WINNT\SYSTEM32 directory.
5. Select **Install a service** and click **Next**.
6. Select **Local Machine** and click **Next**.
7. Type **PC208W** in the **Service Name** box and click **Next**.
8. Type the full path to the SRVANY.EXE utility (i.e., **C:\WINNT\SYSTEM32\SRVANY.EXE**) in the box and click **Next**.
9. Select **Service is its own process** and click **Next**.
10. Select **System Account**, leave the **Allow service to Interact with Desktop** checkbox blank, and click **Next**.
11. Select **Automatic** and click **Next**.
12. Click **Finish** then click **OK**.

13. Run the Registry Editor (REGEDT32.EXE) which is in the C:\WINNT\SYSTEM32 directory.
14. Locate and select the subkey (it appears similar to a directory tree): **HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\PC208W**.
15. Click the **E**dit menu, click **A**dd **K**ey, type **P**arameters in the **K**ey Name box, leave the **C**lass box blank, and click **O**K.
16. Select the **P**arameters key, click the **E**dit menu, click **A**dd **V**alue, type **A**pplication in the **V**alue Name box, select **R**EG_SZ in the **D**ata Type box, and click **O**K.
17. Type the full path to the PC208W.EXE program (i.e., **C:\PC208W\BIN\PC208W.EXE**) in the **S**tring box and click **O**K.
18. Select the **P**arameters key, click the **E**dit menu, click **A**dd **V**alue, type AppDirectory in the **V**alue Name box, select **R**EG_SZ in the **D**ata Type box, and click **O**K.
19. Type the full path to the PC208W working directory (i.e., **C:\PC208W**) in the **S**tring box and click **O**K.
20. Close the Registry Editor and restart the workstation.

Using INSTSRV.EXE

1. Log on to the workstation as a user that has membership in the domain or local Administrators group.
2. Install PC208W on the workstation.
3. Copy the INSTSRV.EXE and SRVANY.EXE utilities from the Windows NT Resource Kit CD to the WINNT\SYSTEM32 directory.
4. At a command prompt, type
C:\WINNT\SYSTEM32\INSTSRV.EXE PC208W
C:\WINNT\SYSTEM32\SRVANY.EXE and press the **Enter** key.
5. Follow steps 13-20 from the Using SRVINSTW.EXE section.



After installing PC208W as a service, the newly created PC208W service should start automatically when the workstation is restarted. If any errors occur that cannot be resolved, remove the service (see Service Removal) and try installing it again. To view the status of the PC208W service, access Control Panel → Services Applet → Status → Started.

Service Removal

Using the SRVINSTW.EXE

1. If the service is running, stop it with the Services applet in the Control Panel.
2. Run the SRVINSTW.EXE utility which is in the C:\WINNT\SYSTEM32 directory.
3. Select **Remove a service** and click **Next**.
4. Select **Local Machine** and click **Next**.
5. Select **PC208W** in the **Service Name** box, leave the **Include device drivers** checkbox blank, and click **Next**.
6. Click **Finish** then click **OK**.

Using INSTSRV.EXE

1. If the service is running, stop it with the Services applet in the Control Panel.
2. At a command prompt, type
C:\WINNT\SYSTEM32\INSTSRV.EXE PC208W REMOVE
and press the **Enter** key.

