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Model / Version: SDR M&amp;D V6.0; SDR M&amp;D V6.01; SDR M&amp;D V6.5

Feature Categories: Config.

Title: **SDRmap installation on Windows NT V3.51**

## How to install SDRmap V6.\* on Windows NT

Listed below are a series of notes to assist in the installation of the SDRMAP system on Windows NT. These notes have been written with reference to Windows NT Version 3.51.

It should be noted that the SDRMAP system has been designed and built specifically as a DOS product. There has also been later work undertaken to optimise the installation of the product into Windows 3.x and Windows 95 systems. In order to install the system for Windows NT there are a few extra steps required at this stage.

The SETUP program available on installation disk 1 is tailored for Windows 3.x and Windows 95 systems and will not operate on a Windows NT system.

### Install the software on a Windows NT system

To install the software on Windows NT carry out the following steps:

1. Insert the first disk in the floppy drive.
2. Open up a DOS box. Log onto the hard drive letter you wish the software installed on.
3. Key in A:INSTALL <Enter> (use B: for B drive).
4. Follow through the instructions presented on screen inserting disks as required until the installation is completed.
  - At this point it is necessary to install the system drivers which enable the accessing of the software key. This is done by running the command file NTSETUP.CMD which is found in the \MAPSYS directory created by the installation program. Run this command file by keying in NTSETUP <Enter>. Before these newly installed drivers will be used by the NT system it is necessary to reboot the system so that the drivers will be loaded during the system restart. Before rebooting the system however the following step should be carried out.
  - As the SDRMAP system needs more than the default number of DOS file handles provided by NT to a DOS box it may be necessary to edit the CONFIG.NT file. This file is found in the SYSTEM32 directory located under the main NT system directory. The main NT system directory is identified by the SystemRoot environment variable. This can be found by keying in the command SET <Enter> in the current DOS box and looking for the value of this variable. It will generally be a directory name such as E:\WINNT35. Change to the appropriate drive and directory then log onto the SYSTEM sub-directory. Using a text editor open the file CONFIG.NT and look for a command indicating the number of file handles (files=xx). If this command is not present then add it into a new line in the file as, files=60. If a files= command is already present then, if the value is less than 60 edit it to be 60.
5. Shut down and restart the system to ensure that the software key drivers are loaded and that the appropriate number of DOS box file handles will be available.
6. Open up a DOS box again and log onto the \MAPSYS directory on the drive on which the SDRMAP system was installed. Ensure that the software key is installed on LPT1 and the SDRMAP Activation disk is in the floppy drive then key in the command A:ACTIVATE <Enter> (use B: for B drive). Follow the instructions presented on screen to carry out the product activation.
7. Once the activation is completed you can then start the system with the command SDRMAP <Enter>.

It has been noted that it is only possible to run the SDRMAP system at VGA resolution under Windows NT. This will also be resolved in the future but at this stage only VGA resolution should be set.

### Setting up a SDRMAP PIF file and Icon

The following steps provide instructions on how you can set up a SDRMAP PIF file (Program Information File), program group and program icon.

Note that again these instructions cover the Windows NT Version 3.51 system.

#### Creating a PIF file

To create an appropriate PIF file you must launch the PIF Editor program. You will need to locate the icon for this program in your Program Manager window or alternatively you can choose the Program Manager File/Run option

and run the program PIFEDIT.EXE.

When the PIF Editor window is presented you should fill the following fields as specified:

Item:	Program File
Name:	SDRMAP.BAT ( <i>indicates that the standard SDRMAP batch is to be run</i> )
Window Title:	SDRMAP
Optional Parameters:	No change required ( <i>leave blank</i> )
Startup Directory:	D:\MAPSYS ( <i>Note that you will need to define the appropriate drive letter</i> )
Video Memory:	Leave set to Text option
EMS Memory:	Set KB Limit to -1 ( <i>to allow system to get as much memory as possible</i> )
XMS Memory:	Set KB Limit to -1 ( <i>to allow system to get as much memory as possible</i> )
Display Usage:	Set to Full Screen

*All other settings can be left as set by default.*

Now the PIF file definition must be saved using the File/Save option. Use the Save As dialog window to save the file as SDRMAP.PIF in the \MAPSYS directory on the appropriate Drive letter.

### Creating a Program Group and Icon

The program group and icon are created using the File menu in the Program Manager window.

Choose the File/New option and select the Personal Program Group setting then click OK. In the Description field presented enter SDRMAP then select OK.

Now while the new SDRMAP program group is highlighted choose the File/New option again and this time select the Program Item setting before clicking OK. In the Description field enter SDRMAP again. In the Command Line field enter SDRMAP.PIF to indicate that the PIF file which you created is to be used for running the system. In the Working Directory field enter \MAPSYS preceded by the appropriate drive letter eg. D: for drive D (D:\MAPSYS). After making these entries select OK to save the new icon.

You will now be able to double click on the SDRMAP icon in order to launch the system.



Ntsetup.cmd

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