SIEMENS

Cerberusâ LMSmodular
Access Control Module V2.4
for Westinghouse Controller

Installation Manual

Cerberus
Security
for People
and Assets

I

Document changes in Version 2.4

Topic	Comments
Win95/98 supported	The new installation program supports Win95/98

Before you begin

The LMSmodular Access Control runs only if LMSmodular base module is installed

You cannot use the Access Control module by itself because it requires some configuration data that are managed by LMSmodular environment.

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1 Introduction

1.1 The aim of this manual

This manual provides the information needed to install the LMSmodular Access Control. This package is an add-on feature of LMSmodular. The Access Control package can be used either by front desk personnel, to temporarily configure visitors, or by the System Manager, to fully configure the hardware installed and to enable the employees to access the premises.

The installation process is simple and straightforward.

Be sure to read the warning on page one, **Before You Begin**. LMSmodular Access Control requires that the LMSmodular base module has been previously installed.

Next, consult the Installation Requirements to be sure that your PC is suitable for the LMSmodular Access Control program.

Once your PC meets the installation requirements, the next section, **How to install LMS AC** describes the process of installation in detail.

1.2 What is Access Control?

The Access Control is an evolution of the "lock and key" method that keeps your home secure. Basically, an Access Control system is designed to allow particular people to enter a secured area and keep everyone else out.

Moreover, a sophisticated Access Control systems lets you track the users inside the building, reports the date and time of boundary crossing, monitors anomalous conditions (such as doors forced open or open too long) and interacts with other security and safety subsystems to keep the site secure.

The LMSmodular Access Control can accommodate thousands of people, each with his or her own access times and allowable doors. It can also monitor almost any kind of electrical sensing device and take appropriate action when conditions change. It can as well provide a detailed report, on paper and/or on disk, of any action it senses or takes.

To manage the hardware devices installed and to define who can enter and who must stay outside the controlled site, you need a configuration tool. The LMSmodular Access Control package lets you do exactly that. You are presented with an easy-to-use interface in the Windows environment to configure the whole Access Control system.

1.3 Related documents

If you need more information on LMSmodular, please refer to:
- LMSmodular User Manuale   e1865
- LMSmodular Configuration Guide   e1863
- LMSmodular Configuration Reference   e1864
- LMSModular Installation Manual   e1862
- LMSmodular Access Control User Manual   e1871
- LMSmodular Access Control Configuration Manual e1870

2 Installation

2.1 Requirements

To install the Access Control package, you must have:
- Windows 95/98
- LMSmodular installed

Of course, the hardware requirements needed to run the above packages must also be fulfilled.

CPU

LMSmodular Access Control runs on personal computer equipped with a Pentium CPU or better.

RAM

Please refer to LMSModular Installation Manual e1862 chapter 3.

Hard disk

The LMSmodular Access Control program modules require at least 20 MB of free hard disk space to be installed.

An additional 30 MB minimum should be left free to store site specific configuration data.

2.2 Hardware key

In order to run the LMSmodular Access Control, you must have a valid hardware key and a PAK that supports the Access Control program.

Instructions for entering the PAK code are included in the LMSmodular installation manual e1862.

2.3 LMSmodular installation

In order to run the LMSmodular Access Control, you must have installed a copy of LMSmodular base module (please refer again to the manual e1862).

2.4   Access Control installation

The Access Control program is distributed on CD-ROM or on 4 floppy disks. In order to install it from the Windows 95/98 start menu you must:
- insert the CD-ROM or the first floppy disk in the appropriate drive
- select Start/Run from the Program manager window menu.
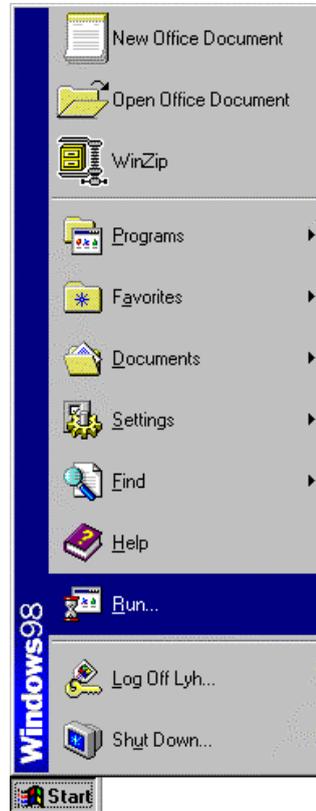
- Select the SETUP.EXE file (by browsing on either CD-ROM or floppy) using the dialog window that appears and click on the OK button
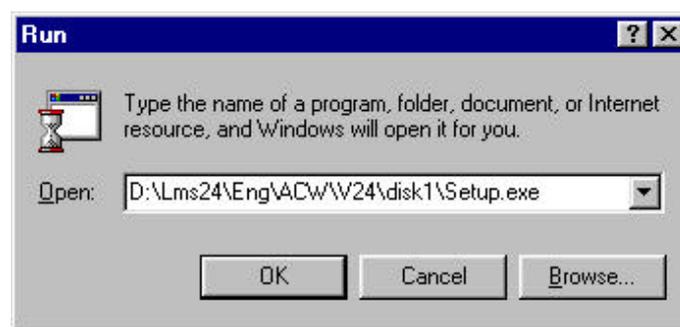
- The installation procedure starts and the first of a set of dialog windows is displayed, you can stop the installation by clicking on 'Cancel' or you can proceed by selecting 'Next'.
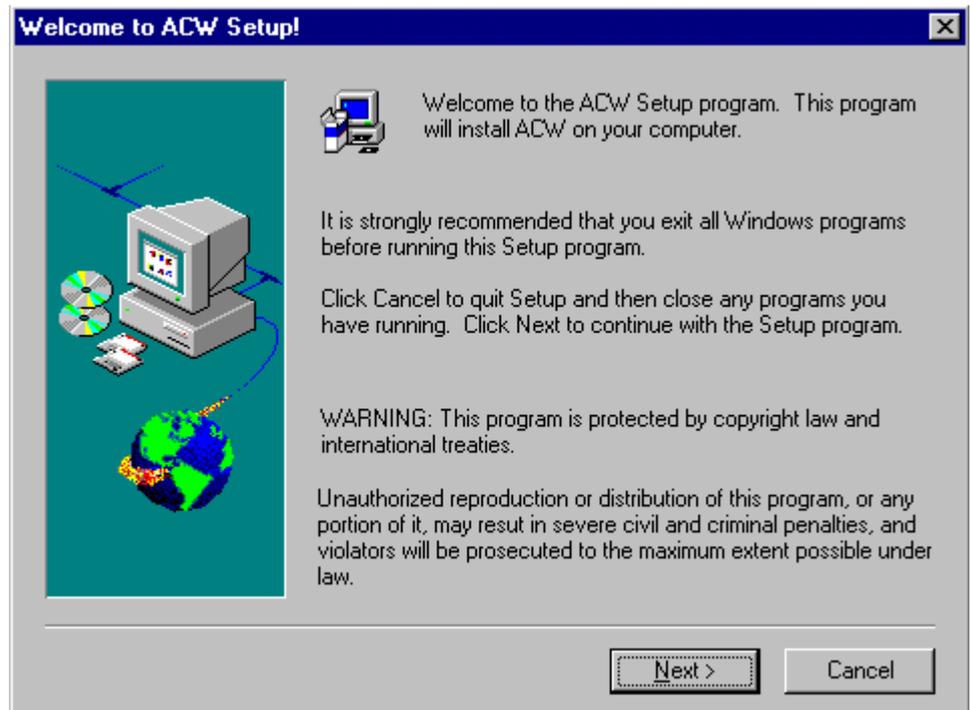
By default the installation procedure will copy the ACW files to hard disk C:, under the directory C:\LMS2\ACW. **We recommend that you do not change this default setting**.
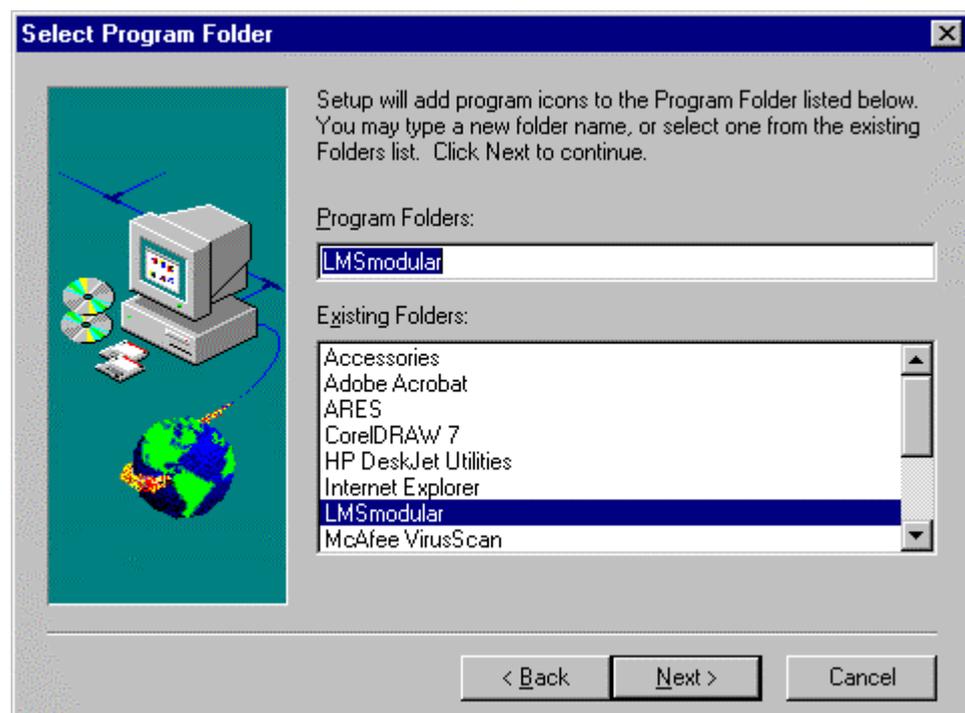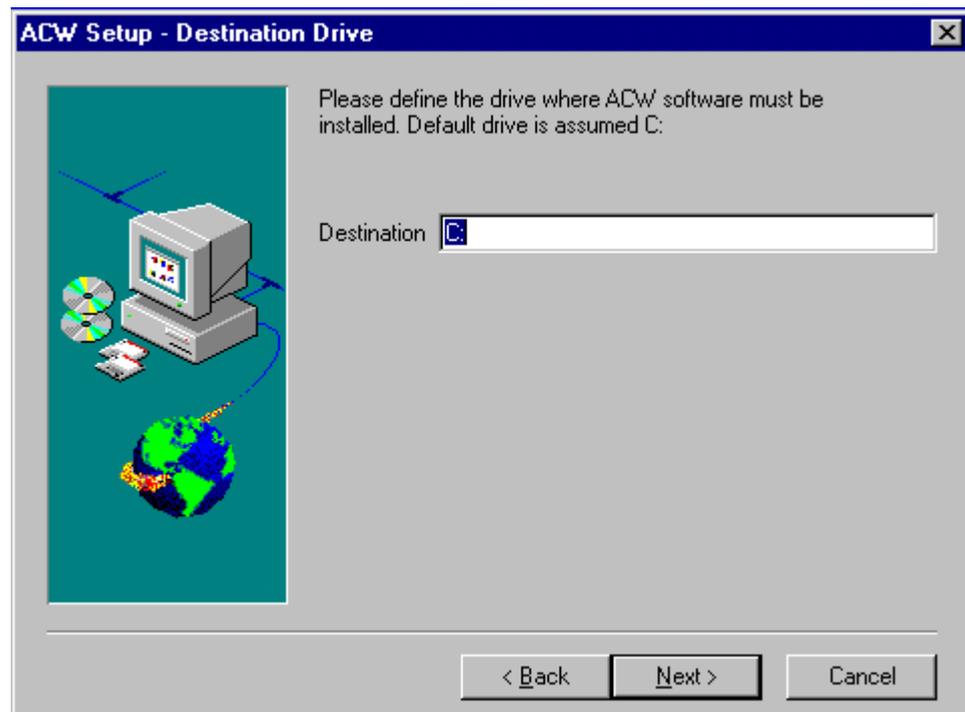
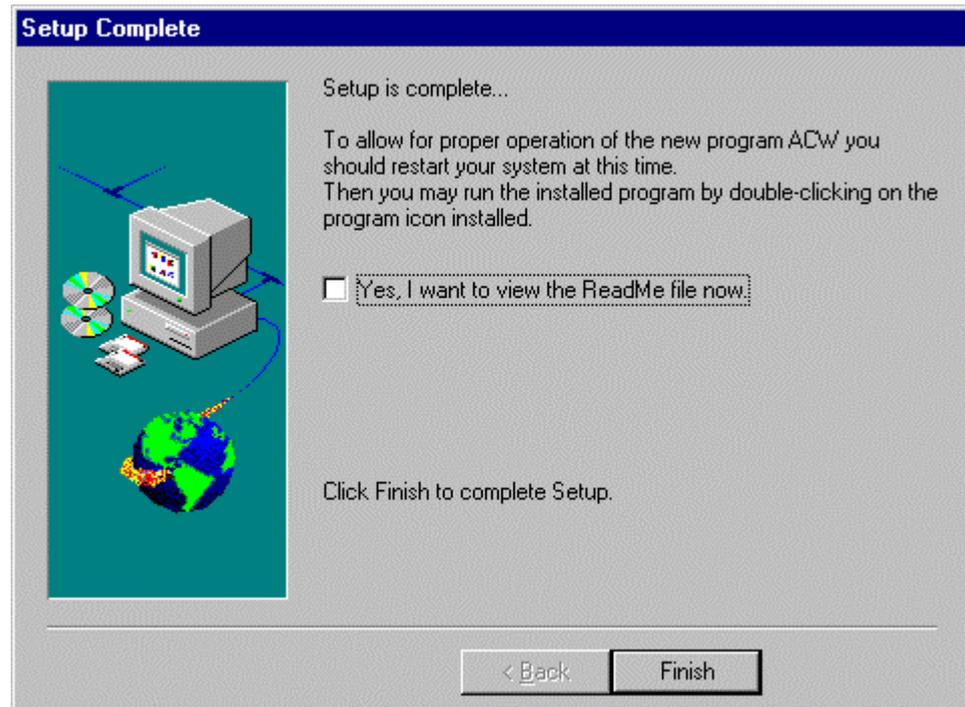At this point the installation program shows some information about the PC.
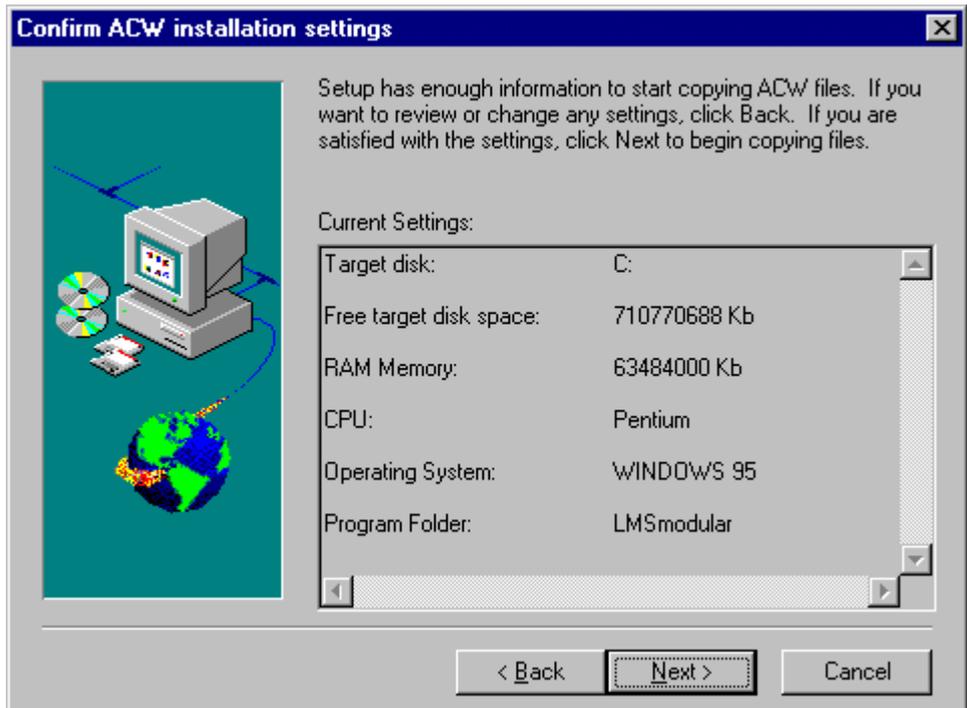
- If there is a previous ACW installation on the disk, you will be prompted to overwrite the existing files: you can still abort the installation process by cancel and exit.

At this point, the ACW files start to be copied onto the hard disk. This is indicated by the meters on the right hand side of the screen.
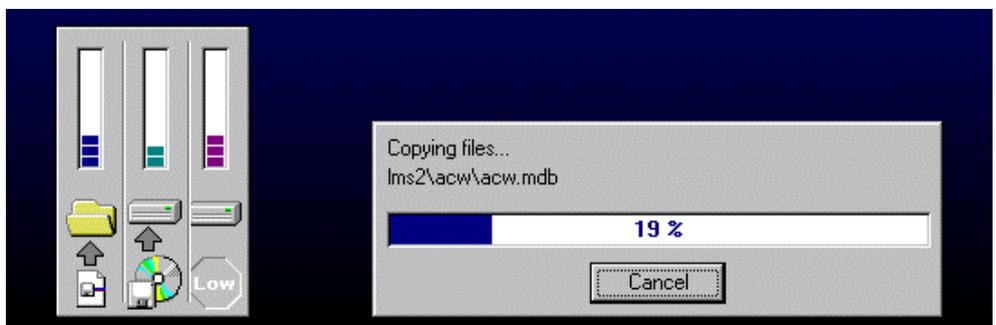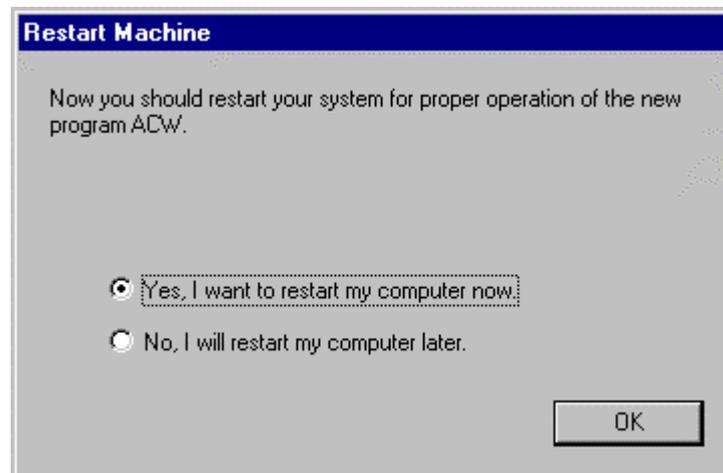

- You can stop the installation procedure at any time by clicking on the Cancel button. In such a case the software installation on your hard disk will be not complete and you cannot run it. To have a proper installation, you must delete the ACW files already installed and repeat the installation procedure from the very beginning.

When the installation is completed a dialog box is shown which announces the successful completion of the installation procedure.

Setup Complete

Setup is complete...

To allow for proper operation of the new program ACW you should restart your system at this time.
Then you may run the installed program by double-clicking on the program icon installed.

☐ Yes, I want to view the ReadMe file now.

Click Finish to complete Setup.

< Back   Finish

- You can decide to view the ReadMe file by selecting the related check box.
- At this point, the installation procedure can restart the PC so as to apply all the modifications to the Windows system setting, or, if you so wish, you can postpone the system restart and examine first the AUTOEXEC.BAT and CONFIG.SYS that you may be able to optimise.

Restart Machine

Now you should restart your system for proper operation of the new program ACW.

⦿ Yes, I want to restart my computer now.

○ No, I will restart my computer later.

OK

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2.5   INI file modifications

The installation procedure modifies some INI files in the Window directory, by adding some lines listed in the following table. The old INI files are copied into the directory \ACWREMK and renamed to *.000.

| File name	Lines added
WIN.INI	```[intl]``` ``` sTime=:```
ODBCINST.INI	```[Microsoft Access Driver (*.mdb)]``` ``` Setup=`CodeDrive`:\LMS2\ACW\DAT\ACHIST.MDB```
ODBC.INI	```This file is not modified, but it is copied```

2.6   Access Control directory structure

The installation process creates the following subdirectories under the LMS2 directory:

`\LMS2\ACW`

   contains the program files

`\LMS2\ACW\DAT`

   contains the database files

`\LMS2\ACW\DOWNLOAD`

   contains the database files, in a downloadable format. These files are sent to the control panels to align their internal database with the configuration performed in the LMSmodular Access Control

`\LMS2\ACW\PHOTOS`

   not used.

`\LMS2\ACW\Offline`

   contains a copy of the last backup of the historic file

`\LMS2\ACW\Rst`

   contains the last copy of the data files restored from diskette

`\LMS2\ACW\Std`

   contains the standard data as they are after the installation

`\LMS2\ACW\Temp`

   contains the temporary data

3 Uninstall Access Control

As you can see in the following figure, an Uninstall program is available in the ACW file folder. Starting this program, you can easily uninstall the software package.
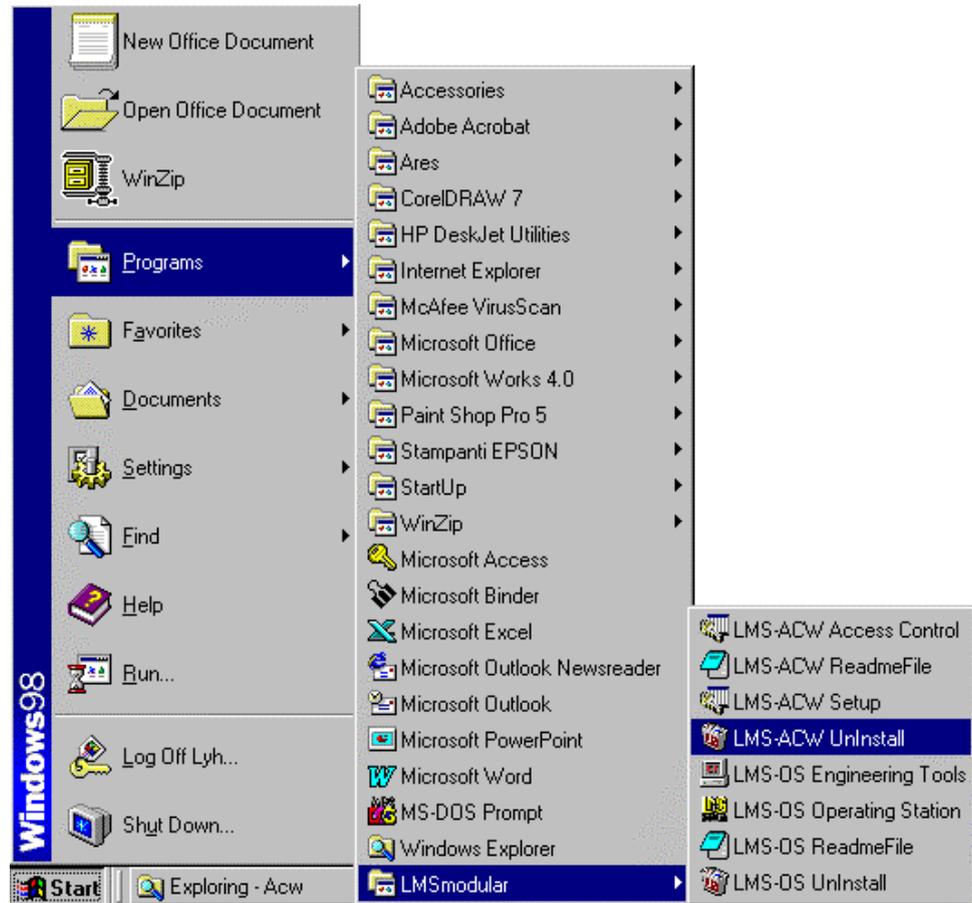
A dialog window prompts for confirmation of the operation.
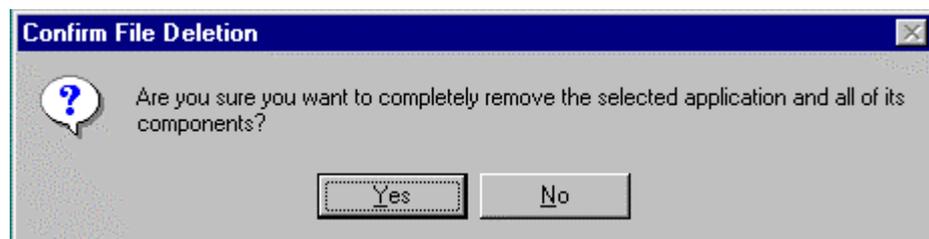
A window displays the progress of the uninstall procedure.

However, the uninstall procedure does not automatically delete the directories nor restore the previous Windows 95/98 setting files (AUTOXEC.BAT; CONFIG.SYS; ODBC.INI; SYSTEM.INI;WIN.INI). You can restore these files by starting the batch file named C:\ACWremk*ACWremk.bat* which copies the original files back into the appropriate directories.

Important:

Note that this operation may create problems if you have installed other software applications after ACW, and if the five system files copied by ACWremk have been affected by these subsequent installations. In this case, you should not execute the batch file ACWremk and instead remove the ACW commands you do not want to keep in the AUTOXEC.BAT and CONFIG.SYS files.

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SE422	Rev. L (valid until 31/12/2005)
SE422	Rev. M (valid until 31/12/2013)
818 SX	Rev. M (valid until 31/12/2013)
818 SC	Rev. F (valid until 31/12/2013)
4100, 4104	NexSentry Rev. F,G (valid until 31/12/2013)

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