



sodat
SOFTWARE

PROTECTED
AREA

OA-Sodat 32

for Windows

1. Introduction

You have in your hands the software OA-Sodat 32, which is a security system that is intended to protect software which has already been installed, the operating system, communication software, data and other systems which have already been installed on hard disks of individual workstations. With the help of the OA-Sodat 32 system you can effectively protect the settings for WINDOWS 9x, prevent undesirable use of data storage devices, avoid the installation of new programs and last but not least, OA-Sodat 32 fulfils the function of antiviral prevention.

OA-Sodat 32 is intended for the following operating systems: MS-DOS, Windows 3.x, and Windows 9x. Other operating systems are possible but with certain limitations.

Before installing the OA-Sodat 32 security system we suggest that you thoroughly study this manual and carry out the tasks described below before executing the installation. In case of any problems contact us through e-mail, by HOT-LINE or telephone.

2. Before Installation

Since the OA-Sodat 32 security system is installed into the system area of the hard disk and for your work, it requires an error free functional oper-

ating system, in the case of WINDOWS we advise you to perform the following before installing OA-Sodat 32:

- ◆ antiviral control, especially regarding the BOOT-VIRUS
- ◆ SCANDISK, possibly DEFRAG
- ◆ check the functionality of WINDOWS
- ◆ in the folder CONTROL PANEL/SYSTEM check whether everything is working with 32 bits and that devices aren't in conflict
- ◆ in SETUP set VIRUS WARNING as DISABLED
- ◆ during installation it is advised to deactivate the residing antiviral parts

3. Installation

It is possible to install OA-Sodat 32 from the installation package, possibly multiple installations by the use of the LOGIN-SCRIPT (we advise consulting your technical department). Installation is executed in two phases. In the first phase the necessary files are copied from the diskette to the hard disk and in the second phase the activation and settings of the OA-Sodat 32 system are executed.

First part of installation

In the case of WINDOWS 9x the installation is executed by running SETUP.EXE from the diskettes. OA-Sodat 32 requests for you to make a

backup of the boot sector from the hard disk to diskette. We advise this procedure for the first installation in case of a system crash and performing an emergency uninstallation. Each computer can have this sector different, and therefore we advise making a BACKUP for each workstation (the files can be named BACKUP.000, 001, ...). Only a limited number of backup files can be saved on the installation diskette, therefore it is possible to save time by replacing the installation diskette by another. Furthermore, the installation program asks for the directory, to which the files will be copied (the pre-set path is C:\SODAT). Confirmation of the chosen path starts the downloading process.

As soon as the downloading is completed then OA-SODAT.EXE is automatically executed, where it is firstly necessary to define the login password for the system manager.

Second part of installation (Controller installation)

Without executing these procedures the OA-Sodat 32 security system will not be downloaded into memory and no part will work.

During the first installation “CONTROLLER INSTALLATION” is automatically executed, where the primary properties are set.

- ◆ *Protect the disk drive* - activating these items puts the disk drive security into a constant active state (the system manager is able to deactivate the disk drive security at any time). Only diskettes which have passed a

legalised process will be able to be used by the computer (see DISK DRIVE SECURITY).

- ◆ *Save the initial property settings for the directories and files* – we recommend to activate this option during the first installation, it secures your current attribute settings which are saved to a file. During uninstall this function can be used inversely.
- ◆ *Installing registration database security* – activation is initiated with “COMPLEX REGISTRATION DATABASE SECURITY”, which secures that with each restart the pre-defined settings for WINDOWS 9x are restored from an external backup (the only function which is not activated in the MS-DOS environment).
- ◆ *Sodat Password manager* -this options loads the expanded part of the OA-Sodat 32 PLUS system, which has the integrated system “SODAT PASSWORD MANAGER”, which protects the computer before the operating system is booted by an undesirable person. If this item isn't highlighted then you don't own the “PLUS” module (see part **9. OA-Sodat 32 PLUS**).

As soon as the above-mentioned parameters are set, the installation is executed by clicking on the “INSTALL” button. If everything is in order then the system will ask you to restart the computer. With the new installation of the system the controllers of the security system will be activated in memory.

If the system is unable to restart then proceed as directed in chapter “**12. EMERGENCY SITUATION**”.

In the case where the computer is installed with only a DOS operating system (WINDOWS 3.x) run `INSTAL.EXE` from the installation diskettes. The next steps are the same as the installation with WINDOWS 9x

4. Protecting directories and files

The OA-Sodat 32 security system allows the system manager to set several properties of individual directories or files contained on the hard disk. Double-clicking the left mouse button on the desired directory opens a window which allows you to set up the desired properties:

- ◆ **FOLDER FOR READING AND WRITING** (read-write) – a folder in which a common user can do arbitrary operations (create, delete, modify, copy, ...)
- ◆ **FOLDER ONLY FOR READING** (read only) - if you set the directory property as RO then no file or subdirectory in this directory can be deleted or created.
- ◆ **FOLDER PROHIBITED FOR USE** (hidden) - a directory set as “HIDDEN” is completely hidden from a normal user and is impossible to manipulate.

The system manager also has the option in “PROPERTIES” to automatically set the property options of files in each individual directory.

In the right side of the “OA-Sodat 32” window is always displayed the file structure of the chosen directory. Each file has its own properties which can be changed by double-clicking the left mouse button, possibly by using a setup mask which is activated with the right mouse button.

The OA-Sodat 32 system allows the system manager to save his chosen property setup for each individual directory and file to files which he can archive and, if necessary, copy to a different workstation with a similar software configuration and set it up according to a pre-defined model. The option “SAVE SETTINGS TO FILE” can be found in “SYSTEM MANAGER”.

The OA-Sodat 32 system manager can “TEMPORARILY DEACTIVATE” “DIRECTORY AND FILE SECURITY” with the option “HARD DISK” in “SYSTEM MANAGER”.

Help to set properties for commonly used software, and if necessary, general directions on how to reach one’s objective, can be found on our website in the section “ TECHNICAL SUPPORT” or in help.

5. Security for Windows 9x settings

This part of the OA-Sodat 32 security system is the only part which is installed in WINDOWS 9x, and doesn't run in the MS-DOS environment.

Security for WINDOWS 9x settings can be implemented with two functions from the OA-Sodat 32 system:

- ◆ CONTROL PANELS – if you check-off the “CONTROL PANELS “ item in the left OA-Sodat 32 system window then the chosen control panels will be displayed in the right window. Here, it is possible to set “PERMITTED” or “PROHIBITED” – users will never be able to open this option.
- ◆ REGISTRATION DATABASE SECURITY - this part of the OA-Sodat 32 security system can be activated by checking-off the “ REGISTRATION DATABASE SECURITY “ item during installation and insures the system manager that his pre-defined WINDOWS 9x settings are secured, which are restored at each startup from backup which the OA-Sodat 32 system generates (device drivers, work area settings, users and passwords, graphics settings...)

If the system manager will want to change some parts of the settings then it is necessary, after making the changes, to execute the backup registration which is possible through “ REGISTRATION DATABASE SECURITY “ in “SYSTEM MANAGER”.

Both functions can be combined arbitrarily.

6. Disk drive security

The OA-Sodat 32 security system can make it impossible to arbitrarily use diskettes which haven't passed the system manager's legalisation process.

This part of the OA-Sodat 32 security system is activated during installation by checking-off the option "DISK DRIVE SECURITY" and possibly the "SYSTEM MANAGER" item in "DISK DRIVE", where exists the possibility to set one of three activities which are on the same level.

If you decide to have disk drive security in "PERMANENTLY ACTIVE STATE" then the disk drive will only communicate with a diskette which has passed the legalisation process, which you can invoke with the "DISK DRIVE" command in the title bar of the main window and subsequently "LEGALISE DISKETTE". Only functional 3.5" HD diskettes can be legalised, and if necessary 5.25" diskettes. Legalised diskettes can not be copied by using common means. The legalisation attribute, which is stored outside the work area and which is required before reading the diskette, can be removed by using the inverse function "ILLEGALISE DISKETTE".

The function "DISK DRIVE SECURITY " is a supplemental method which can have limited usage, especially where there is considerable diskette usage. If the "LEGALISE DISKETTE " system is applied and is

strictly abided, then “DISK DRIVE SECURITY “ works as “ANTIVIRAL PREVENTION”.

7. Data storage device security

The OA-Sodat 32 system can also protect other data storage devices such as CD-ROM, ZIP,... Double-clicking on the desired device, the property “DEVICE PROHIBITED FOR USE” can be set. After restarting the computer it will be impossible to use that device. Likewise as to disk drive security, this part of the OA-Sodat 32 security system is a supplemental method with usage limitations.

8. New software installation

The third supplemental part of the OA-Sodat 32 security system is the option “NEW PROGRAM INSTALLATION”. Its activation prevents the common user to execute any “SETUP” or “INSTAL” command or their modification.

9. OA-Sodat 32 PLUS

The OA-Sodat 32 PLUS security system is extended by “SODAT PASSWORD MANAGER”, which is integrating into one unit. Using OA-Sodat 32 PLUS you can protect the computer from being booted by undesirable persons. The computer’s operating system will request the correct pass-

word before startup, without which the boot process will not be able to finish. The entire bearer of the OA-Sodat 32 PLUS security is the hard disk, which means that you can not bypass the security system by installing the hard disk into another computer or by putting it into a no-boot position.

OA-Sodat 32 PLUS can be bought separately, or as an upgrade for a current OA-Sodat 32.

Further information can be found on our website.

10. Uninstalling OA-Sodat 32

If OA-Sodat 32 is active and you need to uninstall it then in the “INSTALLATION” item choose “UNINSTALL CONTROLLER”. If you want to restore the previous property settings for the individual directories and files, which were set before installation, then check-off “RESTORE STANDARD SETTINGS” in the dialogue box. After restarting, OA-Sodat 32 will no longer load to memory. The directory, where the necessary files for OA-Sodat 32 to work are copied, will remain on the hard disk. If you want to delete them then use “UNINSTAL” in the “START/OA-SODAT 32” menu. This function can only be used in the case that OA-Sodat 32 is not active in memory.

11. Operating OA-Sodat 32 in DOS and WINDOWS 3.x

For computers which do not have WINDOWS 9x installed, it is possible to use and fully manipulate OA-Sodat 32 using the DOS operating environment, by executing the file OASODAT.EXE. After entering the password the main menu is controlled with the “F10” key. In the left part of the blue window is the directory structure. The system manager can move around using the arrow keys. The directory properties can be changed using the keys “CTRL and ENTER”. Using the “TAB” key allows the cursor to be switched between the directory and file parts of the window. Properties of individual files are changed by using the “ENTER” key.

All functions are identical as in the WINDOWS 9x environment except for “WINDOWS SETTINGS SECURITY”, which isn’t loaded into DOS.

12. Emergency situation

If, after “INSTALLATION” and subsequent restart, the boot process stops or doesn’t initiate at all, then a conflict occurred. This may be due to, for instance, an active part of a residing antiviral program. In this case boot the computer using the installation diskette and select option 2 and execute OPRAV.EXE. Here it is possible to uninstall the system by classical means or by utilising the backup file, which was generated during the first installation (see **3. Installation/First part of installation**). Afterwards it may

be necessary to manually remove all parts of the OA-Sodat 32 system, for example by the manager.

- ◆ rename CONFIG.SOD to CONFIG.SYS
- ◆ in AUTOEXEC.BAT delete the line where the command OBNOV-REG.EXE exists (if it exists)
- ◆ rename SYSTEM.SOD to SYSTEM.INI in the WINDOWS directory
- ◆ in the directory WINDOWS\SYSTEM\IOSUBSYS delete the file SIOS.VXD

After removing the above-mentioned parts, reboot the computer and the operating system should boot without any problems.

NOTE: If the OA-Sodat 32 system is properly set up, then the above-mentioned alterations can not be performed because during installation these files are automatically set as “RO”.

The Installation diskette contains the file README.TXT, which includes further descriptions of “EMERGENCY REMOVAL” of the OA-Sodat 32 system.

If you will encounter any difficulties with the installation, please contact us through e-mail or if necessary through our HOT-LINE.

ANGLICKÁ ADRESA!!!

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