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Copyright and Disclaimer

Perforin for WinWord

Windows 95/NT 4.0 Edition

Version: 2.0
Revision: June 1997

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Introduction

Perforin is an easy-to-use **32-bit** antivirus solution designed specifically to fight **macros viruses** that target **WinWord 6/7** documents. It runs under **Windows 95** and **Windows NT 4.0** or higher. We do **not** have a **16-bit** edition at this time.

We are making the trial copy of Perforin available to everyone. That way, you can evaluate our product and decide if you wish to buy a copy. **The trial copy is significantly functional in that it will scan for and remove macro viruses.** It has some advanced features disabled, and it will expire after the date shown in the About box.

Perforin trial copy includes a help file that describes its operation in some detail. It also contains brief descriptions for some of the common macro viruses reported so far. We are adding more descriptions on a regular basis. At the time of this writing, there are roughly 1000 variants of some 180 strains of macro viruses that target the WinWord documents. This number is likely to change. In fact, there are more and more variants of these viruses reported every day. If you use WinWord for your word processing and share documents with other people, you are at risk from this type of viruses. We are offering Perforin to everyone to combat this new trend in virus development.

There are some macro-based solutions that claim to deal with macro viruses. Though some have merit, we are convinced that they cannot offer adequate protection against this form of threat to your documents. In fact, they may complicate the matters in some cases. We do not recommend using MS ScanProt as an effective solution.

Other people may suggest making the NORMAL.DOT global template file read-only. Though this may seem like an effective technique, it has several problems; WinWord itself needs to write to the global template to save certain configuration settings, viral macros can be loaded in memory from an infected document and infect other documents you work on during that sessions and so on. If you wish to write-protect your NORMAL.DOT, we encourage you not to rely on that approach, and use it only as an auxiliary measure.

Check your documents, especially the ones you send out to other people, with a scanner, such as Perforin, and clean them if necessary. Furthermore, try to use a document format that cannot contain macros, such as the **RTF** format. Many documents do not need fancy formatting features and they can easily be saved in the RTF format. However, Word 6 will not allow you to save an infected document in the RTF format. If you notice that this option is not available, you might have a macro virus infection. By following a few simple procedures, and scanning any documents you receive, you can greatly reduce your risk from macro viruses.

You can read more about macro viruses in the Perforin help file after you install it.

Program Requirements

Perforin has the following requirements:

- IBM PC compatible computer
- Hard drive with 2 megabytes of free space
- Windows 95 or Windows NT 4.0 or higher
- OLE32 dynamic libraries (default in Windows 95 and NT 4)

Optionally, Perforin needs the following:

- Internet connection that can offer HTTP and FTP protocols
- Microsoft Internet API dynamic link library (INSTALL will copy it to your hard drive if this library is not present. It is part of the Windows 95/OSR2 release and higher, but not the August 1995 release)
- Network client software capable of resolving UNC-compatible paths. Both Netware and NT drivers offer this functionality.

Program Features

Perforin is a professionally developed product. We strive to improve it based on user suggestions. Please feel free to contact us if you think we should add a certain feature or even remove one.

The following are some of Perforin's currently implemented features:

- It can **scan** for and **disinfect over 1000** known WinWord macro viruses.
- **Polymorphic** macro virus detection and cleaning.
- **GPF-proof** implementation even when using the buggy MS OLE2 DLLs.
- Supports **Far Eastern** Word 6/7 documents.
- It can identify and **report multiple infections**, and remove each one.
- It can **scan inside password protected documents and even disinfect them** on the fly all transparently without disturbing the protection. Thanks to **StripSearch(tm) Technology**, Perforin can discover viruses hiding in protected files. In addition, you will **see the password for infected/disinfected documents** (but not clean ones). Some viruses add password protection, and sometimes use random passwords rendering your data unavailable without the password.
- **Reliable yet fast** operation. Perforin examines **all files except those usually known not to be documents** (such as EXE, DLL), not just ones with .DOC or .DOT extensions since the name of a file is not a good indicator of its contents. **Many products will miss them by default.**
- Instant **signature updates over the Internet at the click of a button. No extra payment or other hassle.** Perforin will even try the next distribution site if it cannot reach our primary server. All automatically.
- **Smart removal** capability allows Perforin to determine if all macros should be excised automatically. Some viruses require this option for proper cleaning. The user does not need to know the details of each virus or specify unusual options. Perforin will do the right thing on a virus by virus basis.
- **Frequent updates** to identify newly discovered variants.
- Suspicious document **quarantine and isolation capability.**
- **Heuristic scan** capability to isolate new viruses.
- **User-adjustable heuristic** levels.
- Ability to scan inside PkZIP compressed archives.
- Option to **show all documents that have macros**, not just infected ones. This is useful when you suspect a new virus infection that is not detected yet.
- **Flexible operation for advanced users.** You can disinfect just the way you want. Many options to choose from.

- **Context-sensitive help.**
- **Readable online documentation** with brief **information on dozens of common macro viruses.**
- **ZooSort** option that can turn a bunch of infected documents into a **well-organized directory tree** based on the CARO names of known macro viruses. This feature uses long filenames.
- **Audit log** that shows each infected file and the virus found.
- **Long filename support** and **32-bit** implementation for Win95 and NT 4.0.
- Compatible with **FAT32** and **NTFS** partitions.
- Excellent **network support and UNC compatible path** usage.
- Includes a **simple installation** program that automates creating a shortcut, and adding the necessary registry keys.
- **Automatic uninstall feature** thru Setting|Control Panel|Add/Remove Programs.
- Fairly **self-contained operation.** Perforin installs only a few Microsoft DLLs if they are needed to enable MS Internet APIs. These are distributed with the Win95 OSR2 release. They are required only if you have the Aug '95 release and you have not installed Internet Explorer 3.0. All other files Perforin installs or creates during its operation are confined to the Perforin home directory.
- **Free program updates for a year over the Internet.**
- **Self-check capability** to recognize if **Perforin.exe** and the **signature database** are damaged or modified.
- **Suspicious document upload to our tech support area over the Internet** at the click of a button.
- **External signature support.** You can easily create an external signature file (a text file) that contains identification and cleaning data for new variants that you may encounter. All you need is an infected document that did not have any macros before infection.
- **Examine Document** capability to browse thru the macros in a document without having to worry about activating the virus. **No more risky ToolsMacro problems.** You can zap macro at a time, save macros to a file, and more. Researcher options.
- **ExamineDoc can even show you which viruses use a particular macro.** Since 75% of currently known macros are borrowed from other viruses or innocent macro packages, this feature allows you to determine if a new variant is related to a known virus.
- **Simple and elegant user interface** with tooltips, right-click help, tabbed dialogs, status bar, 3D-look ...
- **Affordable prices** to fit everyone's budget. The standard edition can be had only for **\$40 including S/H in the States.** The Pro edition sells for \$80 and offers some

advanced features that can be helpful to consultants or to those in charge of tech support. The standard one is all what most people will ever need to scan and clean their documents.

How To Install Perforin

To install Perforin, follow these steps:

1. Put the Perforin program diskette in drive A:
2. Click on the Start button and choose Run from the menu.
3. In the Open: edit box, type in the following:
A:\INSTALL.EXE
4. Click on the OK button to run the installation program.
5. You will see the INSTALL main dialog. The **source** directory should be already set to A:\. If not, type in the correct path for the directory where the original Perforin files are located. Type in the path for the directory in the **destination** directory edit box. It will be set to C:\PERFORIN by default.
6. Click on the Install button to start the installation process.
7. After the installation is completed, click on the Exit button to get back to Windows.
8. Now that Perforin is installed, you should see its icon on your desktop. Double-click on the Perforin icon to run it. Choose the directory you wish to scan and click on the Scan button on the toolbar to check your documents for macro viruses.

Technical Support

If you need to ask technical questions, have suggestions to improve Perforin, or run into something that seems to be a bug in our program, please contact us at the following email address:

support@vdsarg.com

If you have a document that may be infected with a new virus, or you are not sure if it is infected, please submit a copy for analysis. You can send us suspicious files over the Internet as follows:

- Use the Upload Suspicious Document command in Perforin. It is a selection under the Tools menu. You can select just one document to send or put all your suspicious documents in the **\PERFORIN\VARIANTS** directory and upload all of them. This command will encrypt and send the file to our secure FTP area on our server. Please make sure that you send us a copy of your **NORMAL.DOT** global template file. Many macro viruses infect this template.
- Email us an encrypted copy of the file. We encourage you to use PGP and encrypt the document with our public key first. If you do not have PGP, you can also encrypt the files with the PkZip program using the -s option. You can then send the password you have used to **tyetiser@blazenet.net**. Suspicious documents should be sent to **analysis@vdsarg.com**. Please do NOT password protect the document in WinWord. This will only complicate analysis and it will not offer enough security for email transmission over the Internet.
- You can upload suspicious documents to our tech support FTP area as follows:
 - login anonymously to **ftp.vdsarg.com**
 - change to the **incoming** directory
 - set to **binary** transfer mode and upload the file

If your concerns are not addressed, send all complaints to:

problem@vdsarg.com

How To Order Perforin

The copy of Perforin you download is for trial purposes only. If you like the product, you are expected to pay for the full copy and buy a license to continue to use it. Otherwise, you are supposed to uninstall it. The trial copy expires on the date shown in the About box. Reinstalling it will NOT change the expiration date. After it expires, Perforin will display a message and abort operation.

The registered copy is full-featured and it does not expire. It also has all the advanced options enabled. We make the updated virus identification database available for registered users over the Internet. **This database is not compatible with the trial edition.** Certain features such as external signature capability, zoosort option, automatic cleaning without prompts and document macro examination command are disabled in the trial copy. Registered users can receive free updates for one year thru the Internet as we make them available. That offer includes program as well as signature updates.

Where did you get Perforin?

http://www.vdsarg.com http://www.ccsso.com
 http://www.psnw.com/~joe AOL Other: _____

-Name one thing you like about it: _____

-May we add your email address to our list to notify you of new releases?

Yes No

* Fill in the blanks, enclose a money order (outside the U.S.) or check for the total amount and mail it to our address. Allow 1-2 weeks for delivery. For faster service, you can pay by credit card and request electronic delivery over the Internet.

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For us to serve you better, please answer the following questions:

1. If any, which virus(es) infected your PCs so far? _____

2. Which antivirus software did you use to find/remove them? _____

3. Do you use WinWord at home? No Yes__version:_____

4. Do you use WinWord at work? No Yes__version:_____

5. Do you use any other word processing program besides WinWord?
 No Yes _____

6. Have you ever lost data due to a computer virus infection? No Yes

7. Do you own a Pentium multimedia PC? No Yes

8. What is your operating system? Windows 95 Windows NT 4

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* You can direct all questions/suggestions to info@vdsarg.com

