



With the Virus Scan Interface (VSI), SAP offers an interface for the NetWeaver integration and application platform for the integration of virus protection solutions. The Avira AntiVir Virus Scan Adapter (VSA) is the world's first SAP-certified, compatible protection against virus and malware attacks available for this solution.



## Integrated virus protection for SAP solutions on NetWeaver basis

# Avira AntiVir Virus Scan Adapter

Solutions

- ▶ Avira AntiVir Virus Scan Adapter (VSA)
- ▶ for SAP NetWeaver under Windows and UNIX



### THE CHALLENGE

SAP NetWeaver is an integration and application platform that enables the exchange of all types of information, documents and business transactions company-wide and beyond application limits. This open structure holds a danger that contaminated files may be received, stored or forwarded. In this way, for example, Word, PowerPoint or PDF documents from online applications that are downloaded to the SAP system via the HR module and stored by the user in the knowledge management area could be contaminated. Scanning every single file for viruses and malware infection is therefore a basic condition for SAP system security and for effective corporate and network protection.

### THE SOLUTION

The Avira AntiVir Virus Scan Adapter detects and removes malware (e.g. viruses, Trojans, backdoors, worms, exploits, macro and script viruses, adware/spyware), even if they are in complex file formats such as archives, email or mailbox formats, zipped runtime programs or Office formats. It works together with three functions provided by SAP VSI, with the aid of which documents and data can be made available and exchanged and are therefore particularly relevant for security: "GUI\_UPLOAD" (upload of files in SAP-GUI), "FILE\_UPLOAD" (upload of files with WebDynpro for JAVA) and "GET\_DATA/HTTP\_Upload" (BSP = Business Server Page) file upload. All data that is exchanged between SAP applications with the aid of these functions either via the SAP-GUI or via the SAP Enterprise Portal or that enter the SAP system from the outside, is previously scanned by the Avira AntiVir VSA for possible infections by viruses or other malware. They are only released when it has been verified that no infection exists.

The AntiVir VSA is characterized by an extremely high processing speed with low system load and is the ideal virus and malware protection component for SAP NetWeaver-based application, communication and interaction platforms under Windows or UNIX that are designed for a very high data transaction volume.

### FUNCTIONS

**Uncompromising protection:** ▶ Leading detection and elimination of viruses, worms and Trojans, adware/spyware and other malware. ▶ Innovative AHeAD (Advanced Heuristic Analysis and Detection) technology for the detection of unknown or rapidly changing attackers for proactive security. ▶ Innovative archive detection with selection of the archive types to be scanned and adjustable recursion depth, archive scanning with "Smart Archive Detection". ▶ Function and support of SAP-specific archive formats "SAR" and "CAR". ▶ Extremely high performance with low resource requirements.

**Fast, automated updates:** ▶ Extremely small, bandwidth-saving signature and search engine updates. ▶ Automated updates via the Internet. ▶ Fast, seamless protection through updates without system interruption.

**Efficient configuration and administration:** ▶ Simple, fast installation via installation script or set-up routine. ▶ Simple configuration via the SAP VSI user interface. ▶ Comprehensive notification and reporting functions. ▶ Integration in the reporting and logging system of SAP VSI. ▶ Availability of all information on virus detections via the VSI interface.



### YOUR ADVANTAGES

#### Optimum security

- ▶ Certified protection against viruses, worms, Trojans, adware/spyware, dialers and other malware
- ▶ Available for ABAP- and JAVA-based systems and for integrated system environments
- ▶ Reliable, extremely powerful AntiVir technology with leading multi-award-winning detection performance
- ▶ Fast reaction to new dangers through in-house malware research centers

#### Low costs

- ▶ Extremely low administration costs through automated workflows
- ▶ Intuitive operation without long, expensive training times
- ▶ All licenses incl. free updates, upgrades and installation support

#### High investment security

- ▶ Fast, resource-saving scanning technology which reduces the load on servers and networks. Existing systems can therefore be used for a longer time
- ▶ Transparent licensing designed to meet requirements without hidden costs
- ▶ Consistently high availability, professional support



# Avira AntiVir Virus Scan Adapter

## AVIRA – TECHNOLOGY FOR YOUR IT SECURITY

**Fast and resource-saving:** The Avira AntiVir virus and malware detection technology has proven itself as one of the fastest on the market. This enormous performance is based on the low RAM requirement of the program. Even large quantities of data can be scanned in an extremely short time due to multi-threading (Windows) or multi-daemon (UNIX) capability. By adapting the scope and intensity of the scan to individual requirements or technical circumstances, performance can be increased even further.

**Leading detection rates:** Avira solutions regularly win awards for their speed and high detection rates. These are achieved by combining leading scanning and detection methods with an innovative heuristic. Fast reaction times to new dangers and updates of signature files several times a day ensure that your protection is always up-to-date.

**Cross-platform protection:** Avira AntiVir security solutions are available for Windows and conventional UNIX-based platforms. Irrespective of the operating systems you use – with Avira AntiVir your important data in the company is and remains ideally protected against malware.



## ABOUT AVIRA

Avira is a worldwide leading supplier of self-developed security solutions for professional and private use. With more than twenty years of experience, the company is one of the pioneers in this field.

The security expert has several locations in Germany and partnerships in Europe, Asia and America. At its headquarters in Tettngang near Lake Constance, Avira is one of the region's largest employers with more than 180 employees. Worldwide more than 250 persons are employed and their work regularly wins awards. Avira AntiVir Personal, used by millions of private users, represents a significant contribution to security.

Avira's national and international customers include renowned corporations listed on the stock exchange but also educational institutions and public authorities. In addition to protection of the virtual environment, Avira also provides for more protection and security in the real world by supporting the Auerbach Foundation. Established by the founder of the company, the Auerbach Foundation promotes charitable and social projects as well as the arts, culture and science.

## SYSTEM REQUIREMENTS

SAP platforms	Hardware UNIX	Hardware Solaris	Operating systems UNIX
SAP NetWeaver 6.40 with support Package 7 or higher; for ABAP Engine with the SAP_BASIS 640 Support Package 11 or higher;  for the J2EE Engine with the Support Package 13 or higher	Pentium III 500 MHz; 256 MB RAM; 512 MB hard drive memory	UltraSparc Ili 650 MHz; 256 MB RAM; 512 MB hard drive memory	Linux (glibc 2.2.x); Linux (glibc 2.3.x); Sun Solaris 7, 8, 9, 10
	Hardware Windows		Operating systems Windows
	Pentium III 500 MHz; 256 MB RAM; 20 MB hard drive memory		Windows 2000 Professional, SP3 recommended; Windows 2000 Server, SP3 recommended; Windows 2000 Advanced Server, SP3 recommended; Windows 2003 Server; Windows XP Pro

Note: Administrator rights are required for installation

## AVAILABILITY AND LICENSING

	Avira AntiVir Virus Scan Adapter
Licensing	One license for all supported platforms; licensing per protected user; license periods: 1, 3, 5 years; license extensions with a saving of 30 per cent
Scope of license	Free updates and upgrades during the license period, installation support (telephone and email) Free platform change Software and documentation downloads
Optional	<b>Avira Gold Support:</b> 8 x 5 support by telephone/email <b>Avira Platinum Support:</b> 24 x 7 support by telephone/email <b>Convenience Package:</b> software, documentation and emergency system on data carrier, update delivery on CD/DVD, installation support



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