

IKARUS Security Software
ANTI-VIRUS and CONTENT SECURITY Products
Fact Sheet



Customized Security

IKARUS Security Software offers competent and customizable security solutions for different needs. The product portfolio includes classical solutions such as the powerful anti-virus client IKARUS virus.utilities, or the IKARUS security.manager, an effective antivirus management console but also gateway solutions for professional content inspection with multiple protocol support. The managed anti-virus and SPAM solution IKARUS my.mailwall is implemented as a central scan center infrastructure, which is dedicated to e-mail content inspection. In Austria, currently 4 scan centers are maintained and operated by IKARUS (and Partners) and inspect several million e-mails per day.

Our products:

IKARUS my.websecurity

IKARUS my.mailwall

IKARUS security.proxy



IKARUS content.wall

IKARUS security.manager

IKARUS virus.utilities



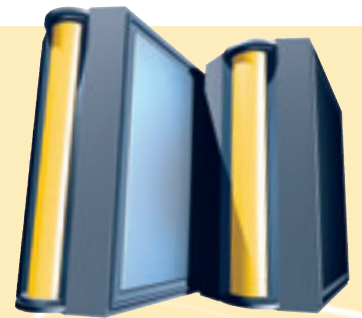
IKARUS Security Operation Research

To cope with all the daily security challenges, IKARUS works together with local research agencies and universities. A long lasting project cooperation with the Secure System Lab of the Vienna University of Technology has born several interesting products, (e.g. ANUBIS, which is a fully automated binary analysis tool chain).

Worldwide know-how transfer is one of the most important building blocks for a successful anti-virus vendor and moreover IKARUS operates an early warning and response system to detect threats in their early outbreak stage.

Web- & Mail Security IKARUS Scan Center

Page 4-5



E-Mail & Internet Gateway Protection

Page 6



“The number of new malware has reached several hundreds up to thousands per day. One is certainly reserved for you ...”



Anti-virus Management Console

Page 7

Desktop & Laptop Protection

Page 7



IKARUS provides a T3 scan engine SDK for Linux and Win32 which includes all necessary library and header files and allows you to integrate the IKARUS T3 scan engine into your own products. The SDK is regularly updated and is available on request.



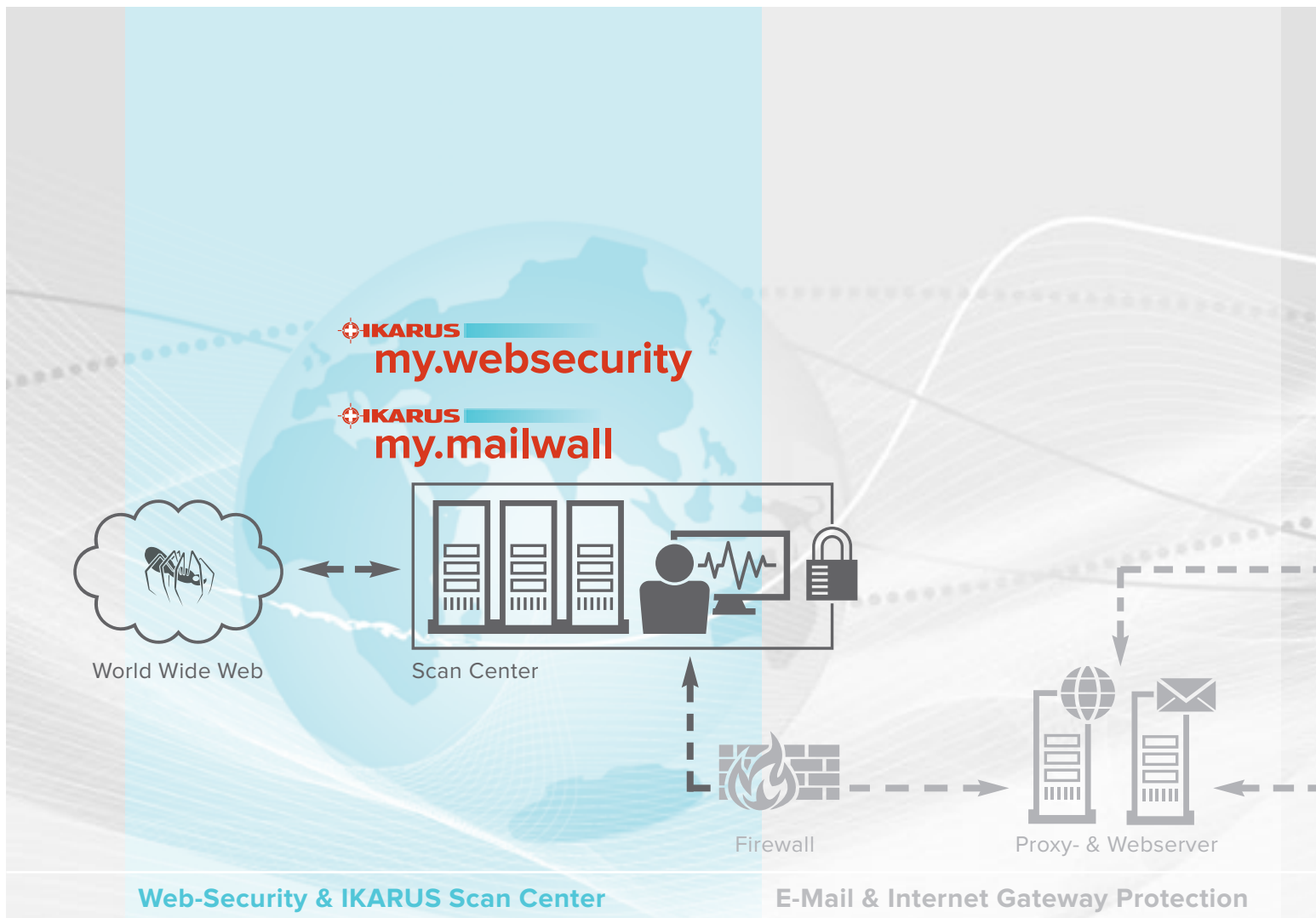
**IKARUS
Anti-virus
Scanner
SDK**

Managed Security Solutions

The increasing number of features in almost every security solution and the growing number of dangerous Internet threats caused a feeling of being overstrained among many customers. Many internal security solutions, managed by the customer's administrators were unintentionally misconfigured, allowing successful malware attacks. That's one of the reasons why IKARUS developed the managed security solution IKARUS my.mailwall to make our customer's life easier! Security related configuration and maintenance tasks are done by our IKARUS experts.

Managed Security Services for a life without Viruses and SPAMs

The IKARUS my.mailwall represents a flexible managed security solution – suitable for both, SME and enterprise customers – to protect your e-mails against computer malware, SPAM and phishing. A managed security solution offers several advantages over a conventional “inhouse” solution, not only because the current SPAM traffic volume has increased up to 90%.



IKARUS my.mailwall Features

- No additional hardware costs. The scalable HP blade server architecture of the IKARUS my.mailwall service has enough resources available for future virus and SPAM attacks.
- No local software installation and maintenance makes this an OS independent solution.
- Redundant system architecture guarantees maximum reliability and service uptimes.
- 24x7 service availability
- Individual configuration of SPAM criteria and adoptions for anti-virus detections are done by an easy to use HTTPS based web interface
- Protects your internet connection and saves bandwidth, because unwanted SPAM and malware e-mails are eliminated before they enter your network.
- The IKARUS my.mailwall has plenty of network resources available, thus guarantees immediate e-mail delivery.
- The IKARUS my.mailwall scan centers are the backbone of Austria's first malware early warning system CIRCA.
- Simple activation procedure by redirection of your MX records.
- Currently 4 my.mailwall scan centers are operating in Austria, protecting several hundreds of thousand customers.
- The reference customer list includes among others: Telekom Austria, AON, ...

TECHNICAL DETAILS

- Uses IKARUS T3 scan engine with streaming support
- Scans e-mails and attachments for virus, Trojans, worms, malicious active-x scripts and other malware like malicious java applets
- Allows you to treat encrypted e-mails or e-mail attachments like malware
- Support most common compression algorithms
- Supports blocking of unwanted e-mail attachments, based on black- and whitelists
- Supports autoconversion of e-mails and can strip off HTML components, applet tags, iframe tags and script tags
- A cascaded anti-SPAM concept checks e-mails during the initial handshake (greylisting checks) before they are passed on to bayes analysis.
- The adaptive SPAM score system is automatically re-trained every night.
- Allows you either to redirect, tag or delete SPAM right at the my.mailwall scan center.
- Protects you from mail bombs, directory harvesting attacks and relay spoofing, among others.
- Regular self checks are performed to quickly identify potential system errors.

PREREQUISITES: private e-mail domain, or a local sub domain for international business customers.

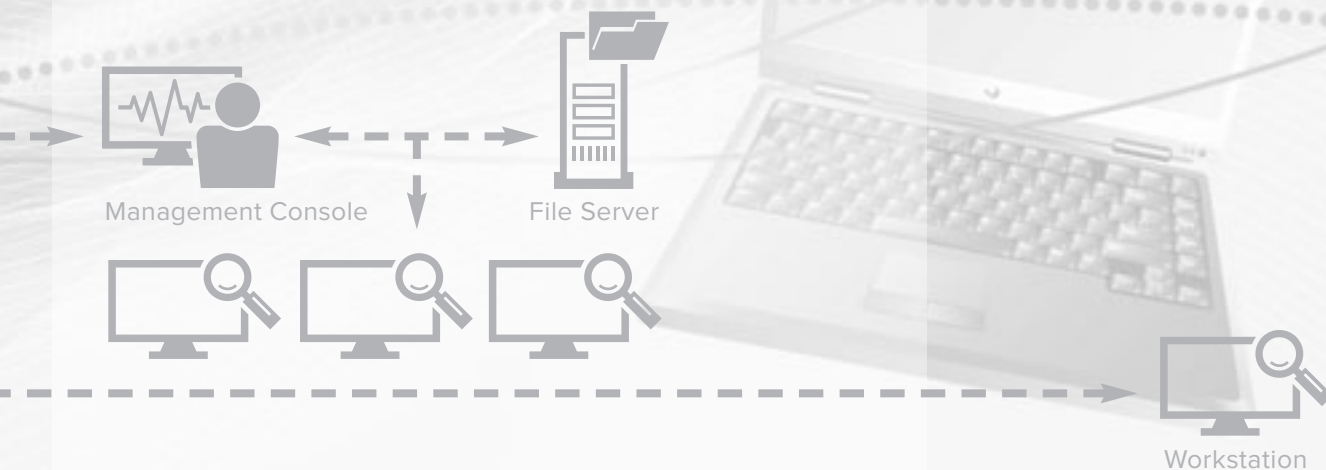
IKARUS my.websecurity Fact Sheet & Features

The IKARUS my.websecurity solution is a central managed security portal. This solution offers the best possible prevention while accessing web-content. IKARUS my.websecurity blocks unwanted and dangerous content for example viruses, Trojans, spyware or damaged code which could harm your systems. The integrated URL-filter allows additionally access control to certain categories of web-sites. Individually settings and activation of global filter mechanism are done through a very easy to use web-interface.

TECHNICAL DETAILS

- Use of the new IKARUS T3 Scan Engine with streaming support
- Supports all common compression archives
- System redundancy
- 24x7 operational availability
- Easy configuration through a secure web-interface
- Supports HTTP and FTP over HTTP
- Integrated URL-Filter with dynamic rating
- Individually defined URL white- and blacklist
- Control access to certain file-types
- Use of global filter – for example: deny downloads of executable files or encrypted archives
- Use of the global IKARUS URL-Blocking-List: deny access to well known phishing sites
- Customize the response message in case of blocking unwanted content
- Comprehensive log information

“Data transfer across the Internet has become state of the art. IKARUS my.mailwall and IKARUS my.websecurity offers protection when using the Internet.”



Anti-virus Management Console

Desktop & Laptop Protection

Protection from Internet Gateway to Desktop

Malware spreading mechanisms have changed in the past. A pure desktop anti-virus protection is no longer suitable to cope with the daily malware threats. Gateway content inspection technologies provide an additional perimeter security layer (first line of defense) and make an administrator's life easier.



IKARUS content.wall Fact Sheet & Features

The IKARUS content.wall is a special solution in conjunction with Check Point FW-1. It keeps specific web-traffic clean and stops unwanted content on gateway level. IKARUS content.wall is OPSEC certified up to version NGX R62. Control rights and grouping with the capability of creating unique virtual CVP servers. As a result of real multithreading and supporting multiprocessing, you get high availability and good performance.

ADDITIONAL TECHNICAL DETAILS

- Virtual CVP server
- Customizable settings for each protocol and CVP server
- White/Blacklists for: URLs, File-Types, Content-Types
- Optional URL-Filter with dynamic rating
- Automated update of virus database
- Supports CVP clustering and CVP load balanced configurations
- Customizable rights for a subset of administrators
- Comprehensive logging
- Installation package for Linux (for RHEL3 based systems)

Gateway Security

The IKARUS security.proxy solution can be used with any kind of firewall. The IKARUS security.proxy scans specific web-traffic and blocks unwanted content on gateway level. Among other things it allows you to control access certain categories of URLs with the integrated URL filter. This URL filter rates web-sites dynamically on the fly. Configure self-provided permission allow or block URLs, file-types and content types. These permissions can be used either with defined IP groups or with the integrated basic proxy authentication. The IKARUS security.proxy solution is based on a software installation package and is available for Windows and Linux.

IKARUS security.proxy Technical Details

- Use of the new IKARUS T3 Scan Engine with streaming support
- Supports all common compression archives
- Supports: HTTP, FTP over HTTP, FTP, SMTP, IMAP, POP3, NNTP
- Optional HTTPS scan plugin incl. a certificate management
- Easy configuration of permission sets including: URL lists, file list, content-type list
- Integrated URL-Filter with dynamic rating
- Access control with IP address grouping
- Supports basic proxy authentication
- Automated Update of virus database, URL filter database, scan engine
- Clustering of the configuration
- Customizable rights for a subset of administrators
- Comprehensive logging
- Installation package for Windows (starting with Windows 2000) and Linux (RHEL3 and RHEL4 based systems)



Central Management Console

The IKARUS security.manager (ISM) is an intelligent management console which offers a centralized administration for the IKARUS virus.utilites client anti-virus solution. The IKARUS security.manager, when integrated into a corporate network, takes over the role of a central software deployment center (for IKARUS virus.utilites client software) and offers a way to deploy virus definition updates and product upgrades for the client anti-virus solution.

Additionally an IKARUS security.manager monitors all client workstations for outdated virus definition files and virus alerts. In the latter case an alert message can be sent to the administrator. To decontaminate an infected client workstation, the IKARUS security.manager offers a remote console interface, which allows an administrator to connect to the client's IKARUS virus.utilites GUI and work remotely, just as he would sit in front of the client machine.

IKARUS security.manager Features

- Reduction of maintenance times can be achieved when using the ISM
- The integration into Microsoft's Active Directory offers a comfortable way to manage workstations
- Cascading ISM servers, allows you to integrate branch offices into your anti-virus policy
- ISM can take care of special handling required for notebook and roaming users.
- ISM supports rollback function for virus dat-files and binary also

TECHNICAL DETAILS

- Supports IKARUS' differential update technology to reduce the amount of data transferred during an update/upgrade.
- centralized start of remote scans on your corporate workstations
- central deployment of configuration settings to all clients running IKARUS virus.utilites

PREREQUISITES FOR ISM SERVER: Windows 2000 Server/SP4 or 2003 Server/SP1 with Active Directory and SQL Express 2005 or SQL Server 2005.

PREREQUISITES FOR IKARUS VIRUS.UTILITIES: Windows 2000/SP4, Windows XP/SP2 and Windows Vista (32-bit & 64-bit)

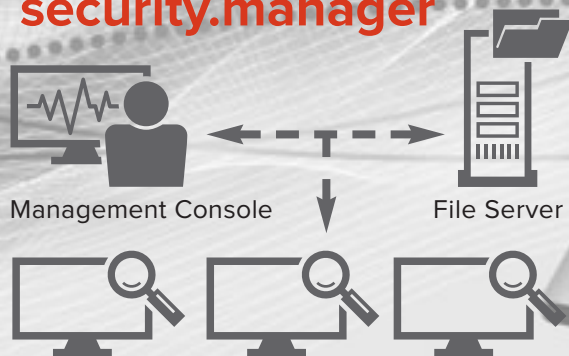
Client Solution

The IKARUS virus.utilites represents a classic anti-virus solution with support for on-demand scans but also on-access scans.

The new IKARUS T3 scan engine with multi-threaded and streaming support and a brand new GUI make up the essentials for this product. The IKARUS virus.utilites includes anti-virus, anti-trojan, anti-spyware and anti-malware functions.

IKARUS virus.utilites Technical Details

- Multi-thread support with excellent scan results, available on the following platforms: Windows 2000/SP4, Windows XP/SP2 and Windows Vista (32-bit and 64-bit)
- Supports scanning of e-mails in Microsoft Outlook and Outlook Express
- Enhanced scanner with simulator engine and sandbox technology to boost heuristic based detection.



Anti-virus Management Console



Workstation

Desktop & Laptop Protection

www.ikarus.at IKARUS Security Software protects globally.

Design: NNWest.com | Photos: Shutterstock, Archive



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