IKARUS
security software

anti.virus

Central Antivirus-Management in the Cloud

One console for all endpoints: **IKARUS anti.virus in the cloud** protects any number of PCs, laptops and servers from viruses, malware and spam. Manage your clients across different locations via a web interface, and benefit from being able to respond quickly and effectively to any threats thanks to targeted notifications and real-time updates.

With one of the best scan engines in the world, **IKARUS anti.virus in the clod** offers reliable protection against malware attacks and intruders. All of the executable files and archives on your clients are extracted, analysed, monitored and assessed in a secure virtual environment. It uses behavioural analysis to identify malicious objects by uncovering their malicious or unwanted behaviour and harmful characteristics. Once an intruder is discovered, it is immediately isolated and rendered harmless.

A FastDiff stream for real-time updates as well as flexible notifications minimise the time it takes to respond to threats and anomalies: you and other recipients can receive email information about defined events and directly identify harmful files and infected clients.

Real-time protection

Thanks to multi-threading technology, the **IKARUS scan.engine,** developed by us and hosted in Austria, is as thorough as it is efficient, and monitors your clients in real time. As soon as data is changed or accessed, **IKARUS anti.virus in the cloud** activates. It analyses all activity for malicious functionality and unwanted actions. The results of the analysis are logged centrally and displayed in both the user interface and the web interface. It is easy to monitor scans, updates and infections. You can send suspicious files to the IKARUS laboratory for analysis, and install new licences with just a few clicks

The integrated anti-spam function checks emails sent and received in Microsoft Outlook for spam and malware. You also have the option to create your own blacklists and whitelists by sender, recipient, content or subject. Flexible on-demand scans, optional monitoring of Microsoft SharePoint, password protection for your settings, and the option to send suspicious files directly to the IKARUS lab for analysis complete the offering.

Central management with local data processing

The web interface for central management of all licences and clients and the client software on the device give you the best of both worlds. Managing licences and clients via the cloud enables decentralised organisation and rapid, flexible responses to changes and incidents. However, the scans still take place on the device itself: files are not sent to the cloud and the devices are protected even when they are offline. The web and user interfaces have a simple structure and they are easy to use without any prior knowledge. This makes **IKARUS anti.virus in the cloud** ideal for companies and IT service providers, as well as for private customers.

When protecting multiple clients, installation can be performed via the wizard or by performing a silent install. An MSI builder is available in the dashboard for both installation options. MSIs can therefore also be pre-configured and distributed to all clients in the network using a group policy. Password protection for your settings prevents unwanted changes from being made via the client user interface. The web interface shows all installed client systems, including their computer name, IP address, anti-virus status, possible infection, version information and operating system. You can also see how many licences are still available and when they will expire. Virus warnings provide a list of all infected files including their path and the name of the virus, as well as information on the accessing process and user.

Communication over the internet is secured, regardless of the location of the managed devices. **IKARUS anti.virus in the cloud** is multi-tenant capable and fully scalable. You benefit from easy administration of all managed licences and devices with a single login, no matter the scale. Management incurs no additional licence fees or costs for installation, updates or maintenance.

Fig. 1: **IKARUS anti.virus in the cloud** protects laptops, desktops and servers from harmful programs and unwanted intruders. The software can be controlled directly on the device or via a web interface.

Highlights

- 100 % inhouse in Austria developed IKARUS Malware Scan-Engine for reliable detection, awarded with VB100
- Multi-stage scanning process, proactive and reactive malware detection
- FastDiff stream for real-time updates on new threats as well as virus database updates several times a day and regular programme updates
- Available languages: German, English, Bulgarian
- Comprehensive virus / malware scans directly on the computer incl. PUP protection
- Flexible email notifications for possible threats or anomalies
- Possibility to send suspicious files to the IKARUS Lab
- Quarantine of the infected file at the detected location
- User-friendly cloud management portal for administrationQuarantine of the infected file at the detected location
- Password protection for client settings, cloud management
- Resource-efficient antivirus with one of the fastest malware scan engines in the world
- Machine learning for continuous improvement of scan results
- Scanning of all file types incl. compressed data archives
- German and English language support directly from the manufacturer
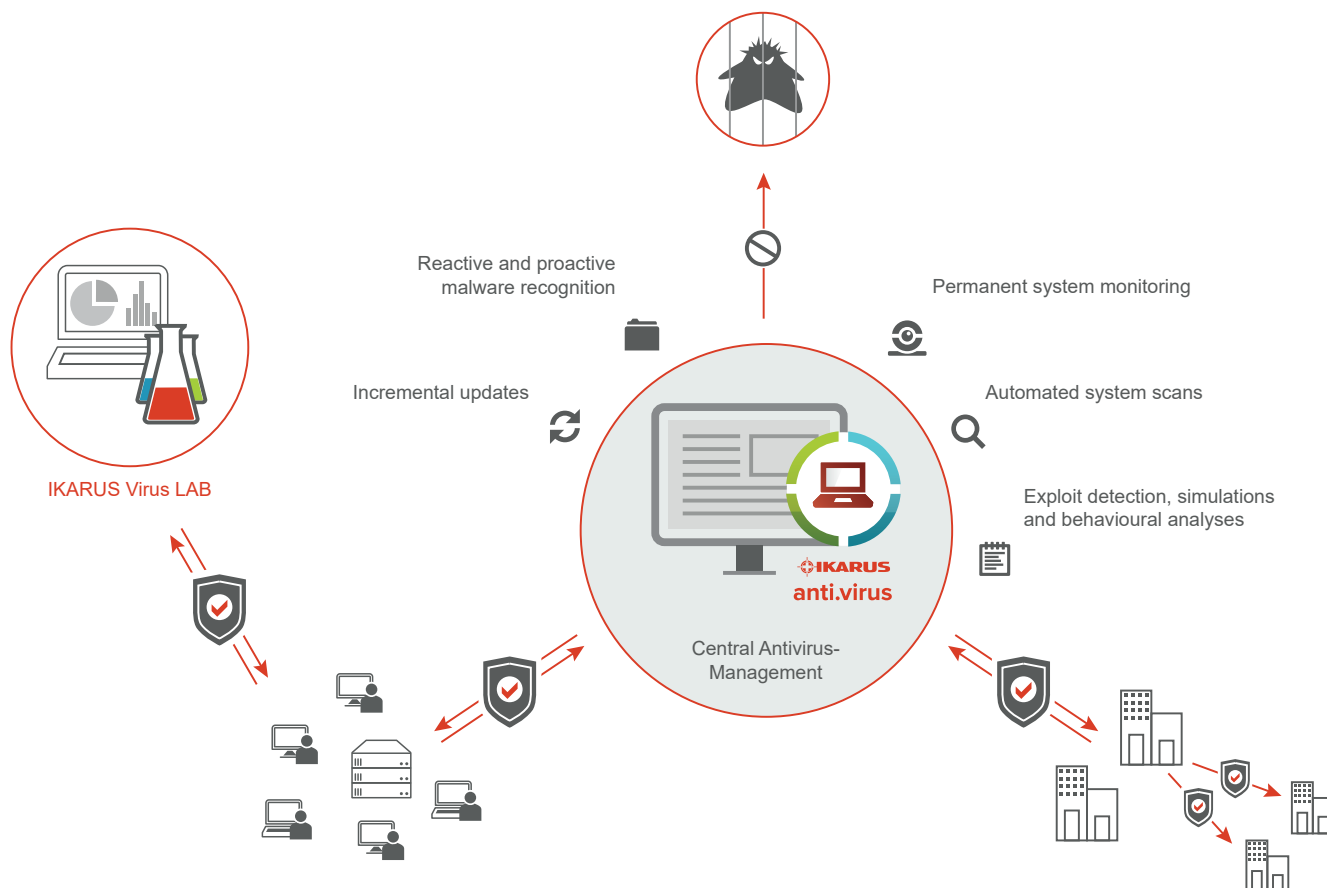- Comprehensive malware scans directly on the device

Fig. 2: This cloud-based anti-virus solution allows multiple client systems to be managed from anywhere in a single interface.

System requirements

Hardware:

- Processor from 2 GHz (Intel/AMD)
- 4 GB RAM
- Min. 500 MB free storage space
- Display resolution min. 1024 x 575

Operating system:

- Windows 10 and higher (32/64 Bit)
- Windows Server 2016 and higher (32/64 Bit)
- Windows Embedded versions (depending on the configuration)

About IKARUS Security Software

The Austrian antivirus specialist company, IKARUS Security Software, has been familiar with the requirements for intelligent IT security systems since 1986. Its software experts have been developing and operating viable security solutions ranging from an original scan engine through managed security services up to SOC/SiEM services for IT, IoT and OT environments. With its in-house scan engine and local development, data processing, support and virus laboratory, IKARUS is your main contact in Austria for IT, IoT and OT security questions.

providing better security

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