

HDGUARD:  
Smart protection for PCs and notebooks

# IST SECURITY



**HD**GUARD



„Digitalization offers great opportunities for better learning. With new ideas and attractive solutions, we ensure that everyone can learn and benefit from digital development“

Tommy Eklund, CEO, IST

# SMART PROTECTION

HDGUARD is based on an intelligent filter mechanism: after starting the PC or notebook, HDGUARD registers in detail all changes that users or applications want to make in the protected area, redirects them to a separate section and stores them there (SWAP file), while the protected area remains in its original state.

The use of the device is not restricted in any way; all functions are available and the user sees his normal working environment. When you restart the system, changes made during the last session are discarded. The protected areas of the PCs or notebooks are available to the user in their original state. Since no complete disk image needs to be restored, the start-up of HDGUARD protected devices isn't noticeably delayed.

### Your benefits:

- For education, public sector and businesses
- Full protection for your PCs and notebooks
- No loss of data through manipulation, viruses or user mistakes
- Very fast system startup by using SWAP-RAM\* - restart a clean system without delay
- Individual definition of protected areas and update periods
- Flexible settings for USB storage devices
- Minimum installation and maintenance effort through the use of central administration

- Seminar mode for temporarily keeping changes
- All applications and system functions are available
- “Darken screens,” Internet and USB control in lessons (Teacher console HDGUARD.master)
- Automatically integrate new PCs and notebooks
- With the current HDGUARD version you can protect any number of partitions on Windows 7, Windows 8/8.1 and Windows 10 as well as on Windows Server 2008 R2, 2012/R2 and 2016
- available in English and German

\* The background writing operations initiated by the system start are buffered in a small part of the much faster RAM by using the SWAP RAM feature, so that the system can be started without delays.

### The principle

By default, HDGUARD protects the partition with the operating system and creates the swap file there. Individual settings can be used to also protect other partitions from changes. The range of protection can be assigned individually. If modifications should remain, the administrator can deactivate the protection. HDGUARD ensures the operating system, antivirus programs and applications stay up-to-date by defining different update periods. If the software which is to be updated offers a time-controlled update procedure, it is possible to adjust the HDGUARD update intervals accordingly. Other software updates can be executed comfortably as command line.

The updates are installed automatically within the specified time frame. After the restart, the common HDGUARD protection is activated again.

HDGUARD enables a detailed control of the USB interfaces through three different protection modes. Possible threats to system security from portable USB drives are prevented: a targeted and situation-specific data exchange is nevertheless guaranteed. The same protection modes are available for connecting to smartphones or tablets via USB.

#### **HDGUARD.master**

All control and maintenance work can be carried out with the HDGUARD.master effectively and quickly from a central work place. For each device, the respective hard drive protection can be activated/deactivated and the protected partitions can be changed.

The screen, Internet, printer, USB or audio can be enabled/disabled centrally. Updates for the protected computers are performed centrally, as well as the configuration of update cycles for virus scanners or the operating system.

With Wake-On-Lan or Powersaver, the devices are switched on or shut down centrally, controlled by a timer. A comprehensive hardware status analysis is performed for all connected devices (inventory).

You can use the screenshot function to display the activity on individual controlled computers. With the Teacher console, didactic monitoring and control functions can be performed for rooms or groups.

#### **HDGUARD.remote**

HDGUARD.remote is the solution for central support of distributed locations. All maintenance and care tasks can be carried out from a remote workstation, regardless of location.

HDGUARD.remote establishes a connection to the installed HDGUARD.master clients via the Internet or a separate network to be able to operate remote HDGUARD clients as if they were in the local network.

#### **HDGUARD.deploy**

With the optional software distribution HDGUARD.deploy, you currently have access to more than 600 existing German software packages. These can be downloaded from the IST software server and distributed selectively by a scheduler or to the entire HDGUARD protected site. Uninstallation can also be set centrally.

## IST SECURITY

HDGUARD is part of the IST Security solution and completes the IST MobileDeviceManager. Thus, we can offer you protection for Windows, iOS and Android environments.

IST Security supports your IT infrastructure and so the everyday work of administrators and users.

IST Security is compatible with:

- ✓ IST Administration
- ✓ IST Learn
- ✓ IST Schedule

and we can integrate it into your infrastructure with our IST Service & Support.

We deliver all products and services of IST Deutschland GmbH to the overall solution concept IST EVERYDAY.

With IST EVERYDAY we combine our own solutions with possible third-party providers. To reach this goal, we integrate with external Ed-Tech partners.

## BENEFITS WITH

### IST SECURITY

- ✓ Softwareverteilung mit **HDGUARD.deploy**
- ✓ Comprehensively protected
- ✓ With USB and Internet control
- ✓ Always ready to use
- ✓ Centrally administered
- ✓ Software distribution with **HDGUARD.deploy**
- ✓ Configurable software solution

**IST is Scandinavia's** leading EdTech company. For more than 30 years we have supported the design of tomorrow's school and created a future in which everyone can learn more.

And the work continues. With modern and intelligent solutions and services in the domains of administration, learning and planning, we make everyday life easier and more efficient for everyone who works in or with schools. As half of the IST staff have a professional background as teachers or headmasters, we are very familiar with the challenges and opportunities facing schools today.

In everything we do, we are committed to maximizing value for all parties involved, for students, teachers, parents and managers. We believe that everyone has a right to a good education and that we can contribute to make this possible.

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