

Your Security. Our Mission.

Cyber Security for everyone

Complete secure chains of trust starting with the secure keyboard up to encrypted data – for 20 years used by millions: itWatch Enterprise Security Suite (itWESS) including Device-, Port-, Application-, Media-, Print-, Content- Control, Risk Audit, and itWash data lock with data wash - no hidden backdoors with an excellent ROI.

KRITIS **BSI Minimum Standards**

(APT)

Risk Audit

Data Wash

Data Loss (DLP)

Chain of Trust

Private Data Room

GRC

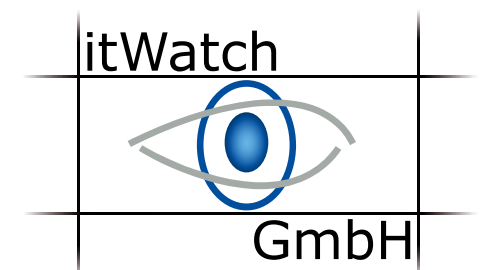
Encryption

Data Lock - Data Wash and Sanitizing

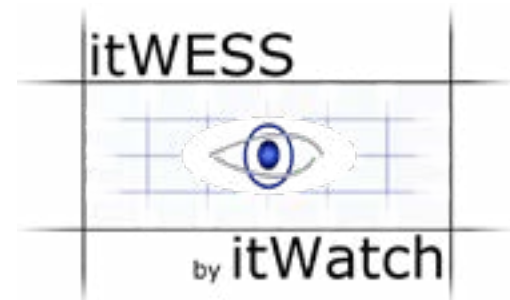
Enterprise Security Suite itWESS

Device- / Application- / Content- / Print-Control

EPS / EDR



Our Products



itWatch

Enterprise Security Suite

This solution is the major tool for data loss prevention (DLP), endpoint security, EDR, Encryption, Security Awareness and risk audit in real time, a secure keyboard, MalWareTrap, secure deletion of files, risk monitoring, virtual lock systems, Device-, Port-, Application-, Media-, Print-, Content- Control, cost-reducing added values for the companies IT-operations and easy-to-use security solutions. For more details go to „Module Descriptions“ *

[DETAILS](#)


itWash

Data Lock - Data Wash and Sanitizing

Identifies potentially harmful data at 100% and „washes“ the incoming data by extracting and converting the the potentially malicious part. A transcript of all activities is located next to the „clean data“ in an individually defined place. The potentially malicious originals are optionally stored as evidence in a special pollution zone. itWash is available either in software- or hardware version as a central component for network separation or as dedicated kiosk system. Furthermore, itWash can be integrated in standard workplaces acting as data collection point.

[DETAILS](#)


itWESS2Go

A mobility solution for all security classes

Bootable work environment from the crypto USB stick allows full mobility of the individual, in the company standardized workplace with central and local applications and data incl. secure patch management and all functions necessary for operation. Perfect as a secure home office solution.

[DETAILS](#)

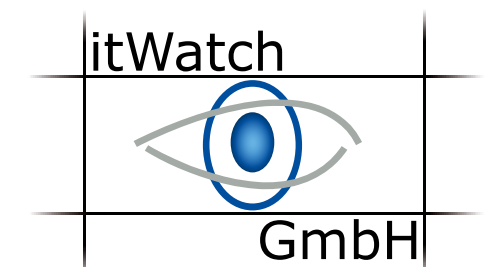
* The itWatch Enterprise Security meets the high security standards of the Federal German Ministry for Information security, BSI and offers far beyond protection of yet known and unknown risks.



Private Data Room

The protection of the crown jewels against unauthorized data use

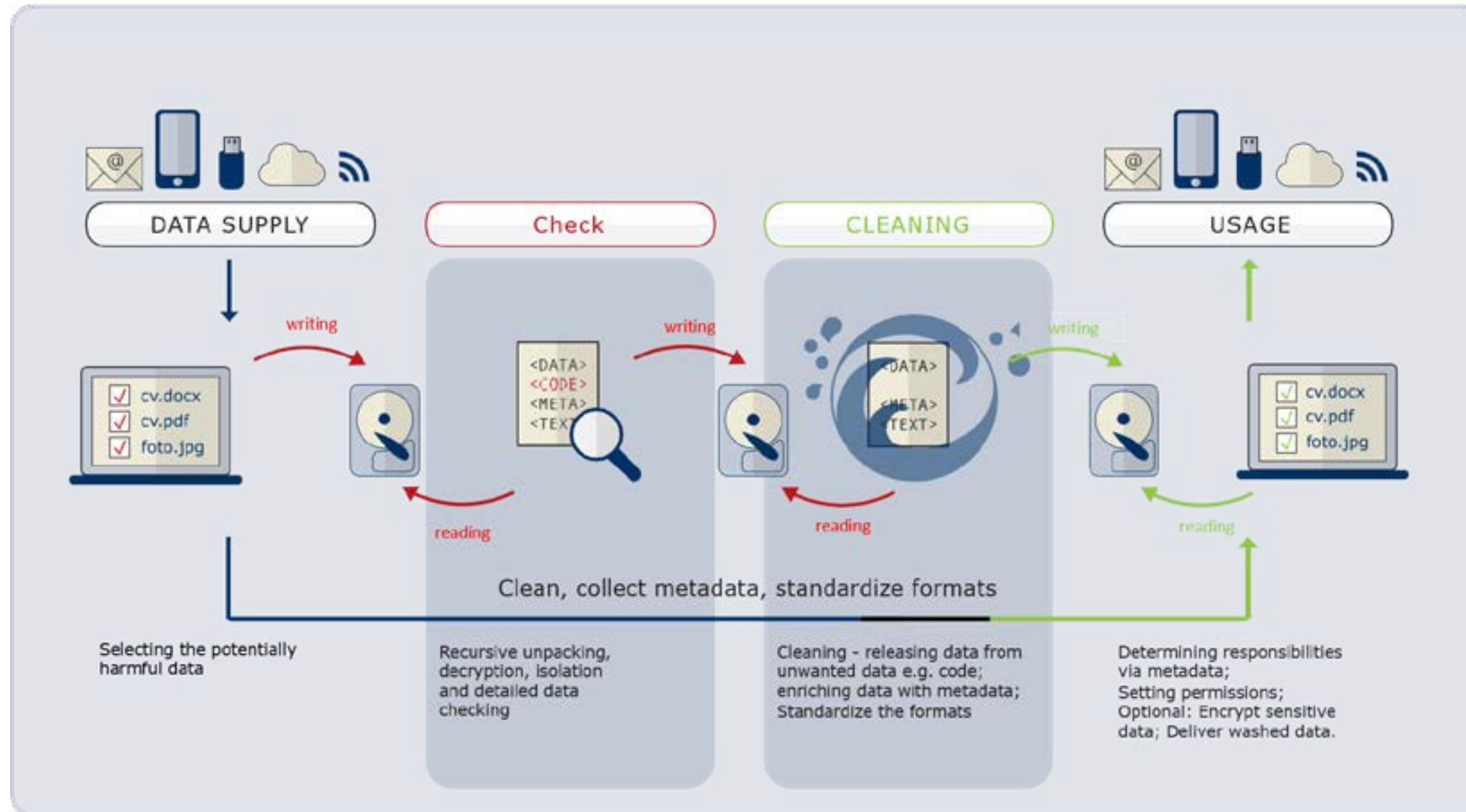
Protect your most valuable data from unauthorized access even against IT administrators and IT staff - nevertheless standard activities like backup recovery can be done easily.

[DETAILS](#)


itWESS modules







DeviceWatch	Who is allowed to use which device (Memory-Sticks, Modem...) or port (USB, Bluetooth...) at what time with which data - allowing personalized data storage.
ApplicationWatch	Capturing, releasing, and blocking each application in real-time using Black- and White-List. Defining individual rights for applications not depending on the user's rights.
XRyWatch	Content controlled exchange of all files (using algorithmic content check) as well as audit-proof proof of access for mobile, local or network based files - it also works for Citrix and for access of applications.
PDWatch	Safeguard your Private Data by enforced encryption when exporting data to any data storage devices, cloud, hard-drive ... Use one or multiple company keys protecting against data leakage or data loss. Personal keys allow the secure transport of data to third party systems, where PDWatch2Go allows an individualized GUI.
DataEx	Enables customers to securely delete files or entire folders on removable media AND hard disks. In addition they may be securely formatted. DataEx ensures, that once deleted, the files and folders cannot be restored anymore - even using the best forensic tools.
DEvCon	Real-time monitoring and reporting of security relevant events and incidents it also allows the real-time reaction to events on each single PC according to your definitions - even when they are offline.
ReCApps	Remote Controlled Application System, enables users to perform critical actions in a secure virtual capsule without the risk of exposing their hosting IT-systems. Active code regardless of its source and how it is packed, is automatically executed in an unsafe area.
PrintWatch	Controlling all print jobs. In order to provide data leakage prevention print-outs are classified and modified or blocked according to your central security policy.
CDWatch	Easy and secure usage of all CDs and DVDs.
AwareWatch	Security awareness information comes in real-time accompanying the respective critical action. The security policy holds back critical actions until the user has verified compliance and awareness know-how.
ReplicationWatch	Securely replicate and customize all information and audit the subject, the time and the place of replication and activation.
RiskWatch	Provides an individualized overview and concise analysis of your current risk-situation using predefined reports. One click installation and it will report problematic security-related events and incidents e.g. modified hardware, DLL, exe, ...
MalWareTrap	Potential personalized attacks and Advanced Persistent Threats (APT) are identified and executed in an appropriate quarantine environment without changing the user's work flow.
LogOnWatch	Passwords are protected against hardware AND software keyloggers through a simple and secure logon to Windows with centrally controlled password complexity rules.

itWash Data Lock-Data Wash and Sanitizing





[MORE](#)

itWash Data Lock-Data Wash and Sanitizing







How it works

-  Receipt of data from unsecure external sources (web, e-Mail, USB flash drive, Bluetooth, iPhone/ mobiles, CD-ROM...)
-  Analyzing incoming data for unwanted elements
-  Sanitizing, conversion & standardizing of data
-  Transmission of clean data to desired interface or user
-  Preservation of evidence from all steps performed and archiving of documents
-  Workflow can be controlled by itWash internally using automatic extraction of metadata




Additional functions:

-  **itWash-Dashboard:** Visualisation of incidents in real-time
-  **itWash-FlowControl:** Priorisation of data volumens (up tp Peta-Byte in use), selection of source- and target disks in different locations
-  **itWash-Mail:** Sanitize E-Mail attachements (also encrypted) before use
-  **Plug-In extention:** Secure integration of stock solutions oder third party products (e.g.: KI, formats like Cellebrite etc.) through open interfaces

All benefits at a glance

-  Protection of productive systems (PS)
-  Secure usage of untrustworthy data
-  Protection of all content-based attacks
-  No possibility of IP-based attacks
-  Forced data transformation into „safe“ format such as PDF/A-1a is possible
-  Standardization of formats – e.g. for a media strategy

Fields of Use

-  Kiosk or stand system depending on the operation site with different assets as theft protection, dust-, water-, stone impact protected, for mobile use or stationary operation
-  Acting as a central solution, integrated in the own infrastructure
-  Integrated with the standard workplaces of your company










www.itWash.de

Private Data Room

Protected data room for the crown jewels of the company

Only few people of a company are authorized to have access to the most important and sensitive data such as strategy papers, Patents, tender data... Access and changes have to be documented evidence-proof and even court accepted. Confidentiality towards third parties but also parts of the own company or external employees must be maintained.

Defense capabilities of Private Data Room:





-  Strong multi-factor authentication of authorized users
-  Protection against malware at the data access point
-  Authentication and control of the hardware
-  Rights assignment, content control and pattern proof for the user AND the applications
-  Protection against data theft (DLP)
-  Application control and privileged applications
-  Strong encryption of data during storage and network transmission
-  Hardening of the operating systems - environments on which the data is processed in plain text
-  Control of all output paths if required incl. print control with watermarks etc.

itWESS2Go

The mobile workstation... boots from the secure Win10 USB stick!

„Take as little as possible with you“ and still be able to process sensitive company data everywhere, access to business applications, remote maintenance, etc. Re-used passwords and PINs must NEVER be entered via an insecure terminal device - e.g. from home? In this case, itWESS2Go solves your security problems.





Deployment scenarios:

-  Home Office
-  Mobile workplace to go - abroad - in the hotel - at external companies
-  Remote access for remote control for business partners
-  Mobile frontend for business procedures

Our Services

itWatch and its partners are pleased to support you with the conceptual design and implementation of your company's Cyber Security requests

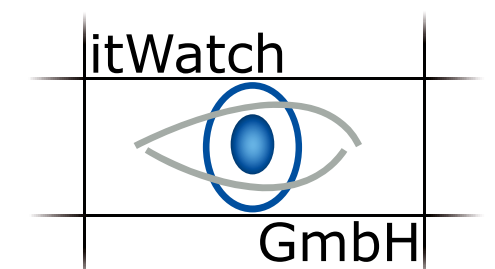
RiskWatch determines automatically your risk-inventory - on request with a personalized audit report

-  Support your content strategy from a security and standards perspective
-  Conceptual design and implementation of required itWESS modules - based on a fixed price
-  Definition of your business applications as a "secure process"
-  Direct password transmission to your business applications - without eavesdropping using keylogger or spyware

Trainings:

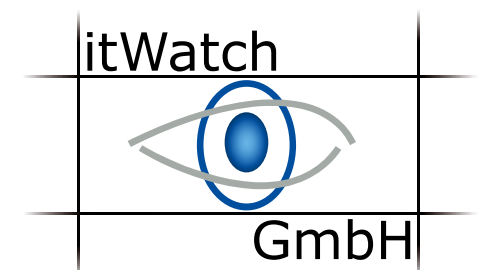
Take advantage of our training program! Our trainings are taking place on a regular basis- in Munich, Berlin, and Düsseldorf or any other location in the world. There you will see how fine-granular you can control your IT-Security without much effort by even noticeably reducing costs for administrative tasks through freely configurable user dialogues or through an elaborated role concept with delegable rights.

itWatch also offers special training: e.g. pattern definitions for content filtering, Friendly Net Detection, multi-mandate management and SIEM integration with situational awareness refinement, efficient print control, data sanitizing local and centralized datalock systems to answer your questions in a practical way.



Network

Excerpt from itWatch memberships: „... because only together we are strong.“



Customer/Voices

”

Academy of Social Administration at the Social Administration Training Center (StMAS)

Lothar Mühlbauer, associate professor in advanced training and system administrator

„Brilliant software product, competent training and informative presentation“.

”

The chamber of trade and industry Potsdam

Sabina Koisman, Head of IT

“Compared to other competitors the price/ performance ratio is unbeatable! All our requirements were covered and licensing models and operation are uncomplicated.”

”

Tegometall (International) Consulting GmbH

Bernhard Fuchs, International IT-Administration

“We already use itWESS in several locations all across Europe. We especially appreciate the easy handling and operation. The provided assistance by the support and consultants is very good and professional!”

”

P&W Netzwerk GmbH & Co KG

Heike Riemann, Sales and distribution

“itWatch convinced us, because application scenarios were covered, which were not covered at all or not as convenient by other security solutions. The implementation of special requirements is quick and uncomplicated.”



itWatch Facts

Million licenses

Usage in all KRITIS environments, energy incl. nuclear power plants, banking & insurance, medical, central intelligence, military, police, municipalities, STOXX, DAX, IT Operators

200.000 clients in military use

Already equipped 10 German state police forces

400.000 clients

In use in the federal government in many single purchases and individual operating models

Excellent ROI

e.g. € 1.2 million p.a. for state police force

Worldwide unique selling points

with particularly high security

Patented protection

Efficient protection of processes, instead of individual complex rights assignment

Clearance for high security

Many thousands of licenses in SECRET environments - well over 100,000 licenses in classified environments. Compliant with all relevant minimum standards of the BSI and the KRITIS industries.



Your Security. Our Mission.

We are available for you.

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