simarks
cybersecurity

Experts in innovative technological solutions
of cybersecurity for companies and organizations

Simarks is a Spanish company specialized in technological developments of cybersecurity and endpoint protection.

Experts in **innovative application-level security solutions** for **workstations and servers.**

SPANISH TECHNOLOGY

CYBER SECURITY

EXPERIENCE

ENDPOINT PROTECTION

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cybersecurity

At Simarks we are constantly researching, developing and evolving.

For us it is always essential to comply with quality standards and current regulations in all our software design and implementation developments, as well as processes and procedures.

Our goal is innovation focused on the **protection of the most vulnerable element**:
the human behavior.

PROTECTION against **ANY TYPE OF MALWARE,** current or future

Real implementation of the Principle of Least Privilege (POLP) in Microsoft Windows environments.

The technology that we have developed in SIMARKS allows us to offer **preventive solutions** to any threat.

BestSafe

SIMARKS **Security Management** technology **at the process level**

+

SDM

SIMARKS technology for **Application Management**

=

SIMARKS Suite

SDM

SUPERUSERS

92% of vulnerabilities in Windows Systems use **superuser privileges**.

(Microsoft Security Bulletins)

In **most security breaches,** the **incorrect assignment of privileges** is involved to minimize the impact on productivity, which **greatly increases the level of risk in the face of threats**.
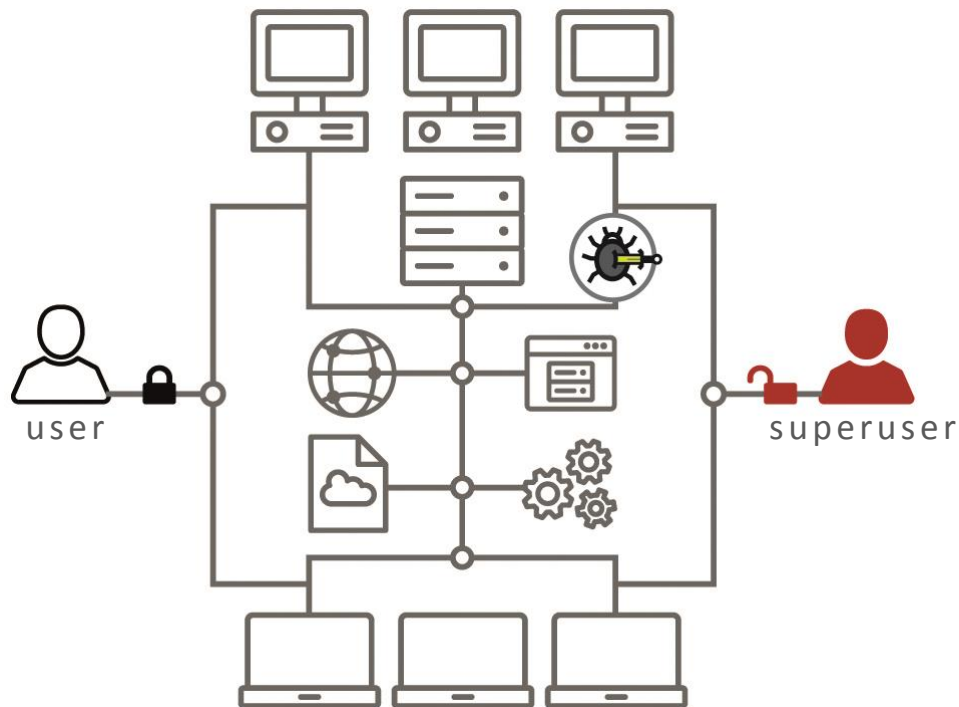
327
Attacks per min worldwide.

140$
Average cost per record

user

superuser

SECURITY SYSTEMS

Traditional protection systems (antivirus) are based on detection: they are effective against known viruses.
The pace of malware creation makes their databases outdated, which makes them unable to react.

Faced with a real threat, **traditional systems are often not enough** to neutralize the attack, resulting in unfavorable and damaging consequences for the organization:

- economic losses
- waste of time
- losses of resources
- loss of documents
- compromised exposure of sensitive information
- file hijacking
- harm to corporate image
- leakage of customers
- etcetera

60% efficiency

VS

+**95**% efficiency
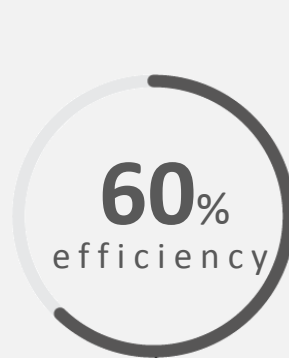
REACTIVE

antivirus

☑ Protection against known viruses.
☐ Protection against unknown attacks.
☐ Protection against ransomware.

🔓 It acts when **the virus enters the system**.

PROACTIVE

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☑ Protection against known viruses.
☑ Protection against unknown attacks.
☑ Protection against ransomware.

🔒 **Prevents malware from entering the system.**

We'd like you to know

BestSafe

The most effective solution, **in all safety**

BestSafe AN INNOVATIVE TECHNOLOGICAL SOLUTION

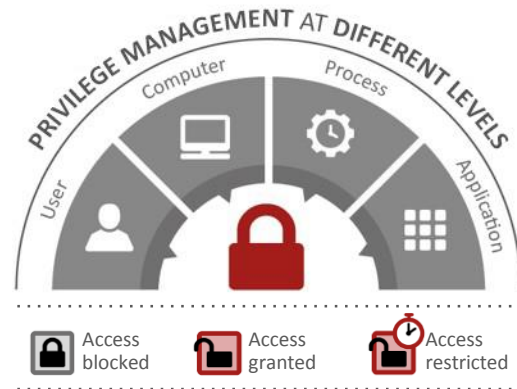**BestSafe** is the software that effectively reduces the risk of security breaches on Windows systems

Based on Simarks' **patented security at the application level technology** with which the operating system itself prevents unwanted executions.

Simarks BestSafe reduces the risk derived from the inappropriate use of 'Administrator Privileges'
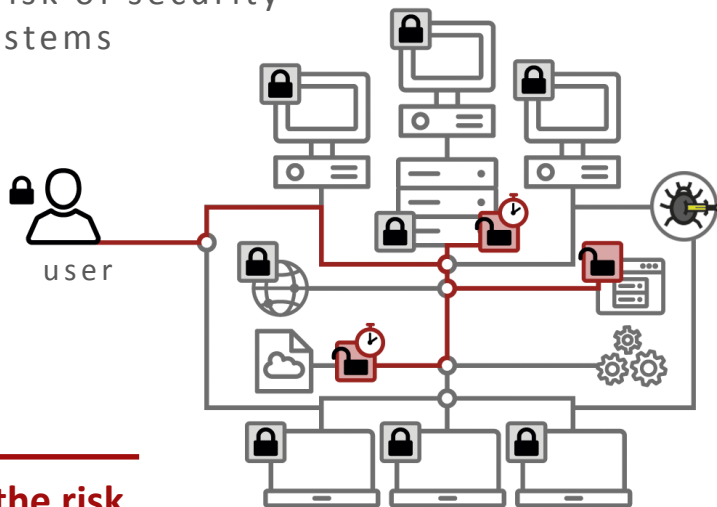
BestSafe

- Controlled assignment of privileges.
- Maximum levels of security.
- No impact on productivity or performance.

PRIVILEGE MANAGEMENT AT DIFFERENT LEVELS

User   Computer   Process   Application

Access blocked   Access granted   Access restricted

BestSafe EFFECTIVE SECURITY: GOODBYE THREATS

BestSafe acts avoiding attacks and their consequences:

INFORMATION THEFT
RANSOMWARE ATTACKS
RANDOMIZED/DIRECTED ATTACKS
FILE HIJACKING

ECONOMIC LOSSES
INDEFINITE STOPS
CUSTOMER LEAK
REPUTATION AFFECTED
INFORMATION LOSSES

FIGHT
EFFECTIVELY
AGAINST
Ransomware

BestSafe EFFICIENT SECURITY: ALL BENEFITS

+95%

EFFICIENCY
higher than 95%

SAVE
time

IT DOESN'T SLOW DOWN
computers or processes

PROTECTS
from human mistakes

ENDORSES
compliance with regulations

APPLIES
validated innovative technology

ENSURES
the operation of the business

OFFERS
technical support

CONSTANT EVOLUTION
Feedbacks

BestSafe INNOVATIVE TECHNOLOGY OF EASY APPLICATION

BestSafe is a modular solution based on simple rules of very easy application.

The **Simarks BestSafe technology** does not require any specific infrastructure for its installation and subsequent operation.

Solutions and functionalities

PRIVILEGE LEVELS FOR USERS AND PROCESSES
Blocking, permissions to execute tasks and run applications...
- White lists.
- Gray lists.
- Black lists.
- Ransomware.

PRIVILEGE MANAGEMENT
- At the application level.
- At the user level.

CENTRALIZED MANAGEMENT
With all the power, flexibility and scalability of the Active Directory.

PERSONALIZED RULES / PARAMETERS
In users, computers, groups... to establish permissions and privileges.

ANALYTICS AND REPORTS OF APPLICATION OF RULES
Integration with SIEM systems. Creation of alerts and alarms.

MONITORING / CONTROL OF EXECUTION AND USE
For computers, processes and applications.

HARDENING
It turns the most critical assets impregnable.

PASSWORD MANAGEMENT
Daily password change, different per device.

# **SDM** AN INNOVATIVE APPLICATION MANAGER

Simarks Deployment Manager is an innovative portal for corporate applications that reduces the risk of security breaches.
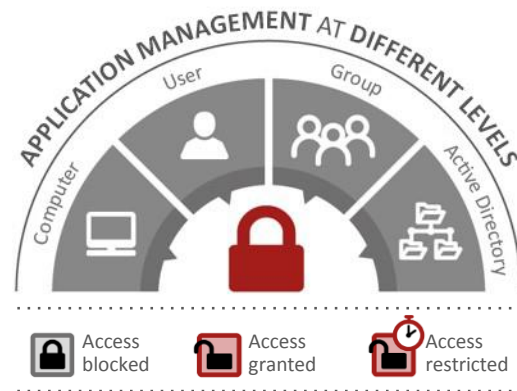
Based on **Simarks' patented process-level privilege management technology**, it is the user who performs the installation of applications, without having to access with an administrator profile.

SDM performs a **programmed application management** automatically and silently
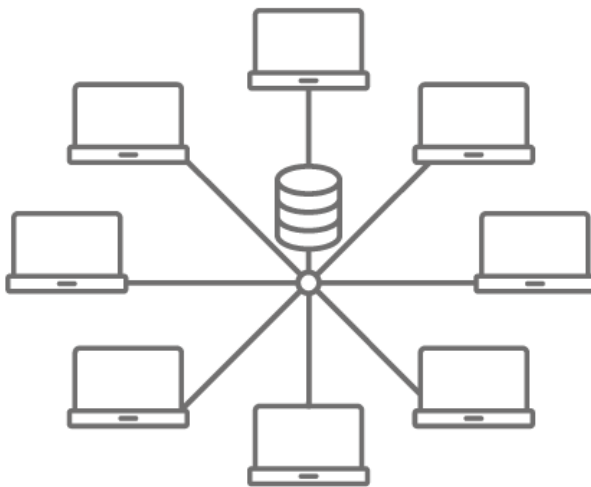
SDM

- ▣ Controlled application management.
- ▣ Automatic uninstallation of non-corporate software.
- ▣ Increase productivity.

APPLICATION MANAGEMENT AT DIFFERENT LEVELS

Computer   User   Group   Active Directory

🔒 Access blocked   🔓 Access granted   🔓 Access restricted

SDM WITH EFFICIENT MANAGEMENT, ALL BENEFITS

CONTROLLED ACCESS

FAST AND SIMPLE PROCESS

PROGRAMMED INSTALLATIONS AND UPDATES

REMOTE AND AUTOMATIC INSTALLATIONS

COST REDUCTION

VALIDATED **INNOVATIVE TECHNOLOGY**

AUTHORIZED USER **WITHOUT 'ADMIN' PROFILE**

UNIFIES SOFTWARE **VERSIONS**

SOFTWARE ALWAYS **UPDATED**

AVOID PIRATED SOFTWARE

AVOID LOSING TIME

EXECUTE PLANNED **SCRIPTS**

INCLUDES **SUPPORT AND TRAINING**

CONSTANT EVOLUTION FEEDBACKS

SDM INNOVATIVE TECHNOLOGY OF EASY APPLICATION

Simarks Deployment Manager is a **Corporate Application Portal** in which it is the end user who performs the installation without the need for privileges.

The **SDM technology** does not require **any specific infrastructure** for its installation and subsequent operation.

Solutions and functionalities

FLEXIBILITY AND EFFICIENCY
To be done by the user himself or automatically and unattended.

PLANNED ACTIVATION
Mandatory/automatic updates, uninstallations, repairs, automatic execution of administrative tasks, emergency distributions...

INVENTORY AND REPORTS
Hardware and software by computer/terminal, application execution...

ELEVATION OF PRIVILEGES AT RUNTIME
Granted to applications at installation times and in execution times.

CATEGORIZATION AND LABELING
Custom structure of categories and labeling of applications.

LEVELS OF PRIVILEGES FOR USERS AND PROCESSES
Blocking, permissions to execute tasks and applications...

DEPENDENT SOFTWARE AND INSTALLATIONS
Allows installation/ maintenance/ removal of software and dependent installations.

SDM   IMPROVING CONTROL IMPROVES PRODUCTIVITY

Enables delegation of
administrative tasks to the
end user.

GLOBAL CENTRALIZED MANAGEMENT
SECURITY
COST REDUCTION
EFFICIENCY
CONTROL
IMPROVEMENTS IN:

- Application installation
- Version unification
- Updates
- Accessibility
- Productivity

NO
ADMINISTRATOR
PRIVILEGES

A C K N O W L E D G E M E N T S

BestSafe has been awarded with the **Most Innovative Product Award** in the 11th edition of the **CIT Security Trophies** by **Red Seguridad**.

Simarks has been **National Finalist** in the 11th edition of the **Emprendedor XXI Awards** arranged by **Caixabank**

CLIENTS

Many companies already rely on **Simarks** and our innovative and efficient products.

Their confidence strengthens us, every day more, as a national and international reference in Software Solutions of Technological Innovation in the field of Cybersecurity for companies and organizations.

Thank you

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