zadig® SMART

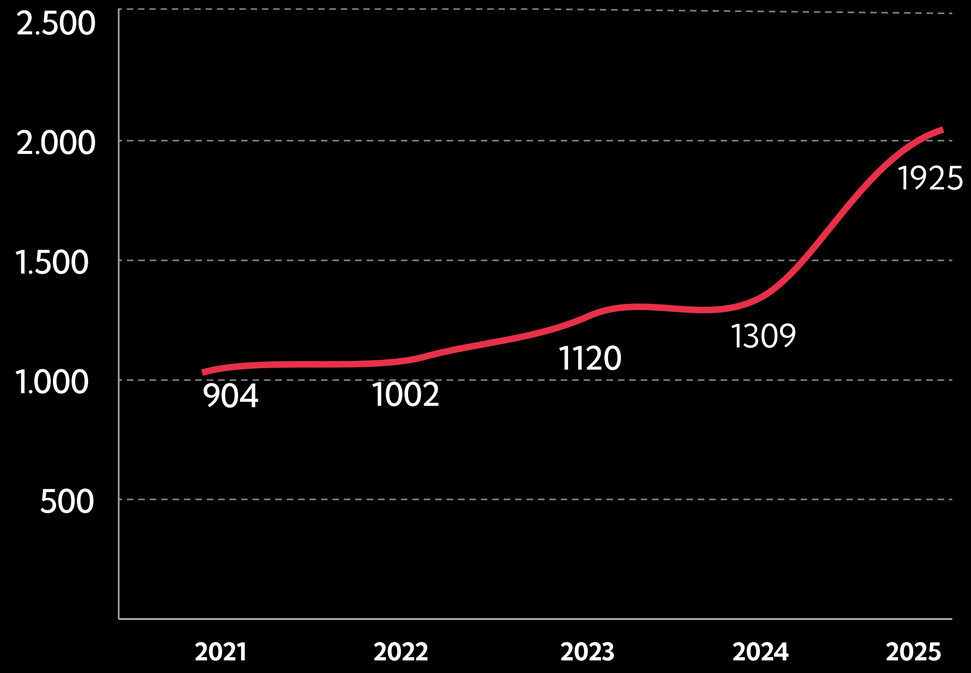
The smart cybersecurity for micro and SMEs

AI-powered cybercrime is scaling rapidly.

+47% attacks from 2024*

In 2025, the global cybersecurity landscape is characterized by a surge in cyber attacks, with organizations experiencing an average of 1,925 weekly attacks, a 47% increase from the previous year. Ransomware attacks have also seen a significant rise, with a 126% increase globally. The education sector is particularly vulnerable, experiencing the highest number of attacks, followed by government and telecommunications. AI is playing a growing role in both cybersecurity and cybercrime, with AI-powered phishing attacks becoming increasingly sophisticated. The cost of cybercrime is estimated to reach $10.5 trillion annually by 2025.

(*Webasha Report 2025)



Incidence of cyber attacks per week from 2021 to 2025

Do you know the effects of a cyber attack?

Disruption of Operations

- Loss of turnover
- Failure to meet deadlines
- Disruption of the supply chain

Loss of Competitiveness

- Cost/revenue imbalance
- Dispersion of corporate and industrial secrecy
- Difficulty in attracting investment

Impact on National Security

- In the case of attack against suppliers of government institutions
- In the case of attack against companies in strategic sectors
- n the case of abatement of primary services and utilities

Reputational Damage

- Trust of customers (loss of current and future contracts) and employees, contractors and partners
- Identity theft
- Repercussions on stock market listing

Data Loss

- Personal data of customers / suppliers
- Feeding tharkwekdatabases
- Data reused in the future for new attacks

Physical Damage

- Accidents for workers in case of OT implants : Accidents for patients in case of medical devices
- Accidents and malfunctions in public transportation

Legal Costs

- Legal and bureaucratic fees
- Fines, reparations, sanctions by the Guarantor Civil lawsuits from customers / suppliers

Living Costs

- Redemption costs in case of ransomware
- Costs of restore operations
- Forensic investigation costs

No apparent consequences

- For data dissemination in the dark and deep web
- For the use of data on a global scale
- Use of compromised credentials to the detriment of third parties (sending emails and messages in the victim's name to fool someone they trust)

Proliferation of the Threat

- By hacker groups for further attacks toward the victim
- The use of the victim as a vehicle for propagation to third parties
- Clandestine persistence in the victim's domain for incremental acquisition of privileges and data

Psychological Damage

- Stress (for decision makers and employees)
- Performance impairment in the use of computing devices
- Shame for ignoring nemown threats

Intellectual Property

- Violation of trade and business secrets
- Failure to obtain trademarks and patents
- Exposure to possible counterfeiting

zadig®

Pioneering Deductive Cybersecurity — Inspired by Voltaire's First Detective

Beyond traditional XDR: Adaptive AI, Seamless Sensor Integration & Open-Source Transparency for True Technological Sovereignty

zadig® is an advanced Extended Detection and Response (XDR) platform developed by bitCorp®. Featuring a modular architecture and proprietary AI models, it enables tailored security across diverse enterprise infrastructures. zadig® integrates capabilities typical of EDR, SIEM, NDR, IDS/IPS, and SOAR into a cohesive system with multi-layered protection, log aggregation, threat intelligence, and remediation automation.

This presentation will focus on one of the platform modules, which configures the first form of Modern Intrusion Detection Prevention System, an absolute innovation, an IDS/IPS particularly suited to Modern Workplaces capable of holistic management of the native security of the environments.

The right module, for the right task.

zadig® XDR for mid and large enterprises

Module	Definition
ITD	Intelligent Threat Detector
EDR	Endpoint Detection & Response
NDR	Network Detection & Response
SIEM	Security Information and Event Management

zadig® SMART for micro and small enterprises

Module	Definition
M-IDPS	Modern Intrusion Detection Prevention System

zadig® Gateway	Hardware Support
zadig® Cloud	in Cloud Protection

zadig®: Next -Gen Cybersecurity

bitCorp® is transforming cybersecurity with zadig®, a modular platform for managing detection and response processes, designed for scalability and adaptability.

For micro and SMBs, we developed Modern IDPS (M -IDPS)— an all -in-one solution providing advanced threat protection, bridging the gap for businesses previously reliant on antivirus software.

zadig® SMART - Integrates for maximum security:

- **The M-IDPS suite includes**:
  - zadig® Gateway - secures modern workplaces where local networking is still present and need to be protected in a cloud ready manner
  - zadig® Cloud - secures modern workplaces based on cloud platforms like Microsoft 365

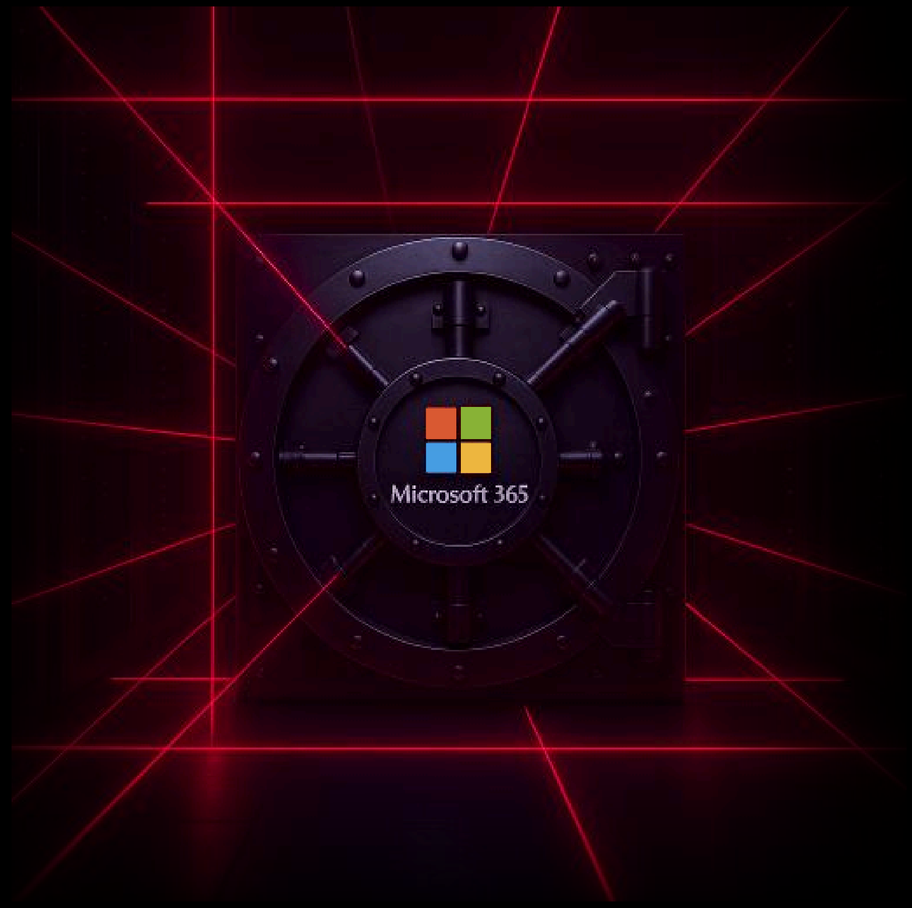
With cutting -edge technology and intelligence expertise, bitCorp® delivers next level cyber resilience.

A Modern- Intrusion Detection and Prevention System

A Microsoft security tools bundle

In a world where the Modern Workplace is now the standard—where teams are distributed, infrastructure is hybrid, and collaboration happens across borders—security must evolve to meet these new demands. That's why bitCorp®developed Modern-IDPS module which combines an edge physical device for network infrastructure protection with a powerful suite of cloud-native services deeply integrated with Microsoft 365 platform.

By aligning with the Microsoft 365 ecosystem, we're not just adding another layer of protection—we're amplifying the security capabilities that organizations are already using every day without adding complexity. Our solution is designed to be scalable, intelligent, and easy to adopt—especially for those who've historically been left behind.



zadig® M-IDPS

Modern Intrusion Detection Prevention

Function: Deployable solution to protect evolving digital infrastructure by combining edge-level control with cloud-native intelligence—seamlessly integrated with Microsoft 365.

Features:

- one and only edge device needed to protect physical workplaces
- automated policy enforcement across endpoints and network
- seamless and trasparent Microsoft 365 integration for unified security

Use Cases: Enables hybrid and remote work enviroments to harden perimeters and comply with ISO 27001, NIS2 and AgID, supporting business growth with scalable, automated security

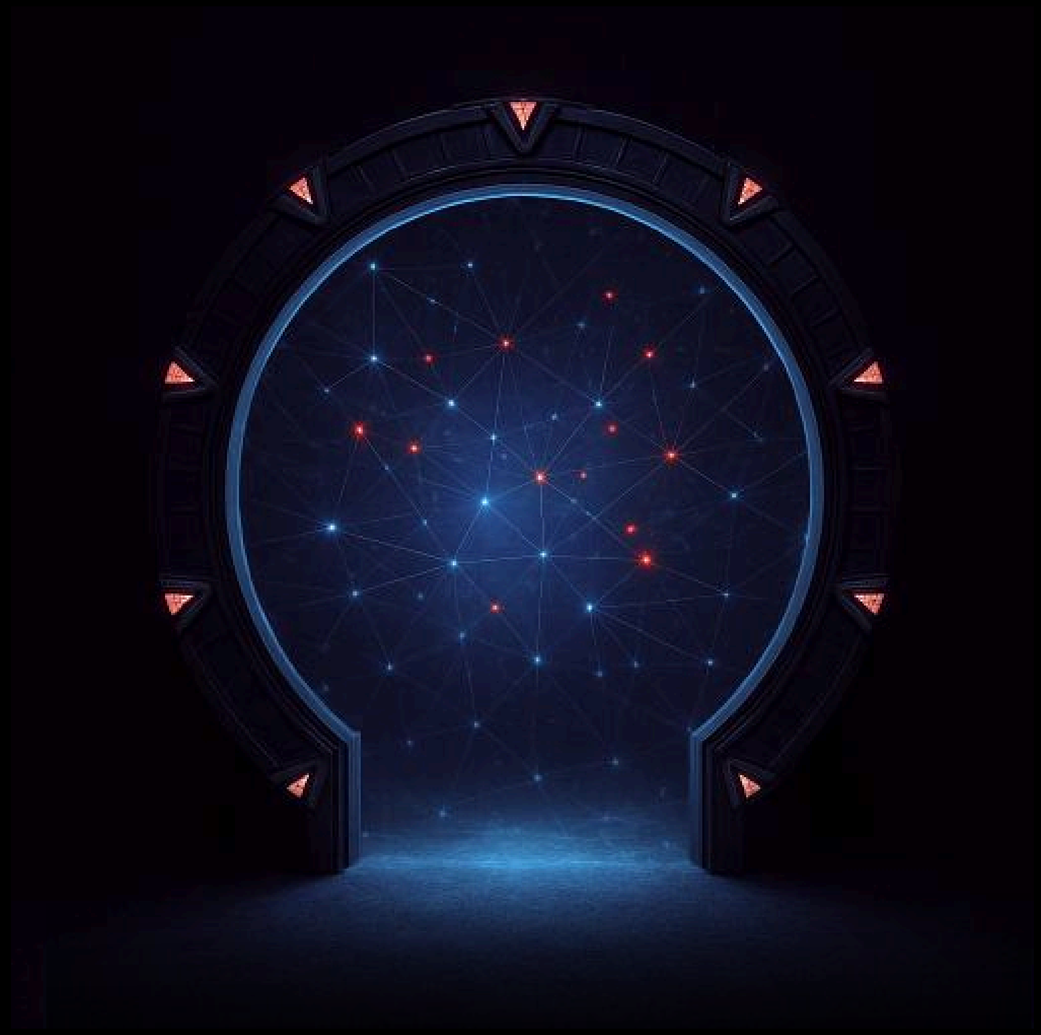
zadig® Gateway

One Device. Full Perimeter Defense.

zadig® Gateway is a next-generation AI-driven edge appliance that consolidates advanced firewall, IDPS, access control, and network segmentation into a single plug-and-play device. Purpose-built for distributed and hybrid infrastructures, it brings enterprise-grade perimeter defense to organizations operating across multiple sites or temporary setups.

The device features full packet inspection, AI-enhanced anomaly detection, 802.1x secure authentication, automated WAN failover, and guest device isolation. Its integrated VPN capabilities (Remote + Site2Site) ensure secure connectivity for both mobile workers and multi-location operations.

zadig® Gateway is designed for instant deployment with no IT expertise required —ready out of the box with preconfigured security policies and continuous updates. From the moment it's connected, it starts protecting your network autonomously.



Features

If the customer lacks one, zadig® Gateway can include an access point that supports 802.1x protocol.

Firewall

Control over inbound and outbound network traffic through ready -to -use security rules, defining a protective barrier between the internal network and external networks such as the Internet.

Network Segmentation

Partitioning the network into smaller subnets managed through traffic control policies to prevent the propagation of threats from one network to another.

Content Filter & AD Blocker

Powerful blocking engine for web sites and resources that also counteracts malware platform such as ransomware and infostealers, for smoother and safer web navigation.

Secure Network Authentication

802.1x authentication for Wi -Fi, VPN and LAN access to prevent unauthorized access and have a history of all connection attempts to the infrastructure.*

Guest Device Isolation

Isolation of guest Wi-Fi network devices from other devices on the network and those on other networks. Any infected host device is no longer a danger to the network.

Portal Control

The portal control allows administrators to check the status of subscription, active gateways on each location, and observe statistical analysis through the Insights section.

IDPS

Continuous network monitoring through constantly updated rules also generated by proprietary AI models. Even unknown attack methods are blocked thanks to behavioral analysis performed by our AI models.

Network Failover

Continuous monitoring of all active WAN connections by dynamically choosing which one to use while optimizing stability and performance to ensure Business Continuity requirement.

Gateway Insight

From the insight section of the portal control, zadig® Gateway customers can observe detailed statistics on network accesses (Wi-Fi, VPN and LAN).

zadig® Gateway Add-on

Add-On Remote

SMART Working VPN

Our unique VPN operates through the IPsec protocol. No third-party software needs to be installed on the devices. Advanced encryption algorithms are used that ensure data confidentiality by preventing threats from exploiting remotely connected devices to propagate within the corporate network.

The encryption suites used on both the gateway and the clients are enforced by the platform and cannot be modified or selected by the customer, ensuring a consistent and controlled level of security across the entire infrastructure.

Site2Site VPN

Our Site2Site VPN creates a secure and reliable connection between two or more networks in the same organization by defining one large private network. This improves business operations as users can work more seamlessly and securely from any location.

Unlock the benefits of zadig Gateway

Plug & Play

Quick and easy installation without the need for technical expertise.

Clear instructions for easy setup without complications.

Immediate, step-by-step support from a team of experts.

Immediate hassle-free configuration and ready-to-use product.

Effortless cybersecurity

zadig® Gateway simplifies cybersecurity management for everyone without requiring specific technical skills.

Once activated, zadig® Gateway takes care of protection itself

Save your time to focus on your core business, knowing that zadig® Gateway protects your data and information systems.

Fully-managed

zadig® Gateway requires no configuration by the user.

The integrated services are ready to use.

You only need to connect the device and zadig® Gateway does all the rest.

It ensures protection and safe navigation.

zadig® Cloud

Cloud-Native Identity and Access Security. Zero Overhead.

zadig® Cloud is bitCorp®'s fully software-defined cybersecurity solution designed to secure cloud-first environments with zero-touch deployment. It bundles enterprise-grade identity and access management capabilities into a single, ready-to-deploy platform—eliminating the need for hardware or deep technical expertise.

zadig® Cloud includes a real-time user and device directory, automatic policy enforcement across all endpoints, secure single sign-on (SSO), multi-factor authentication (MFA), live backup with ransomware recovery, and file versioning. Centralized administration allows for full visibility and control from a unified dashboard—enabling policy enforcement and insights across the organization's distributed assets.

Ideal for hybrid and remote work models, zadig® Cloud scales effortlessly and integrates seamlessly with existing infrastructure, ensuring operational security without complexity.

Features

Users & Devices Directory

Centralized cloud-based database to store user and device information that automates user account management by simplifying resource access control.

Asset Inventory

zadig® Cloud's user and device directory is an asset inventory tool that provides a detailed map of all users and devices that is always up-to-date.

Multi Factor Auth. (MFA)

Access to corporate resources with MFA by requiring users to have multiple forms of verification. This method blocks unauthorized access even if one of the credentials is compromised.

Single Sign On (SSO)

Access to corporate resources with a single credential. No more different passwords for each application, thus reducing the risk of weak, reused passwords left lying around carelessly.

Live Remote Backup

Real-time backup of user files. Data will be continuously synchronized and stored in the cloud reducing the risk of loss in case of local hardware failure or cyber attacks.

File Version History

File management functionality that preserves different versions over time, allowing users to view and restore previous versions to correct errors or recover data.

Portal Control

zadig® Cloud's portal control allows administrators to monitor the proper functioning of the system and conduct targeted statistical research through the Insights section.

Antiransomware

The Live Remote Backup feature provides a powerful anti-ransomware tool to restore data without having to pay ransom and neutralize a ransomware attack.

Cloud Insight

From the portal control, zadig® Cloud customers will be able to observe detailed information on the status of access, MFA authentication, and statistics on the status of devices activated to access the resources.

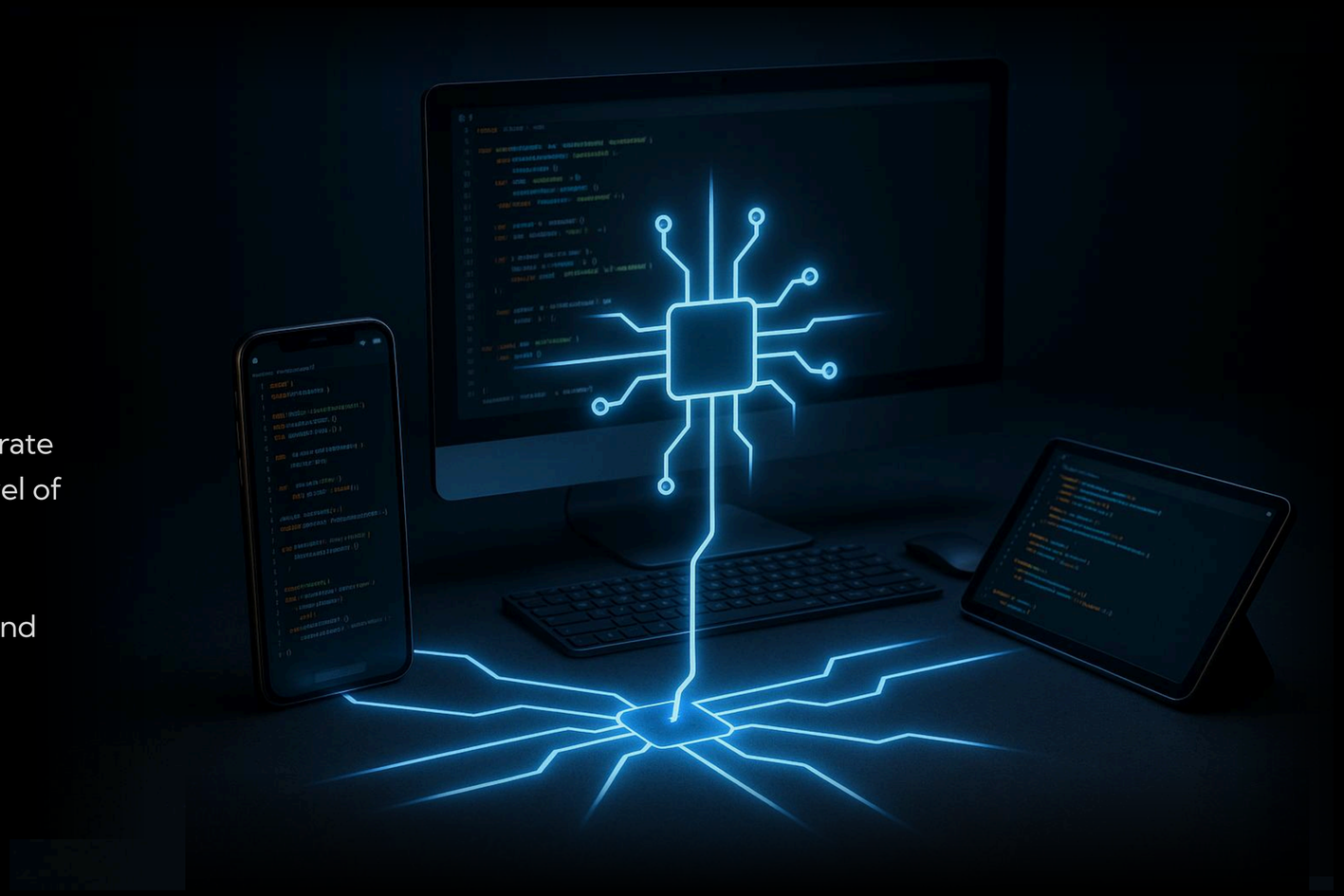
zadig® Cloud Add-on

Add-On Professional

Centralized management of devices

Automatic deployment to all devices, (fixed and mobile, corporate and personal) of corporate security policies for the highest level of protection on every endpoint.

All operating systems (Windows, macOS, Linux, Android, iOS and iPadOS) are supported.



Unlock the benefits of zadig Cloud

Protects your cloud

zadig® Cloud is the perfect solution for all those organizations that adopt a modern work model in which employees work independently without the need to access resources in the local infrastructure but are mindful of the risks of doing so.
In other words, zadig® Cloud makes your "cloud" more safe

NO hardware

zadig® Cloud protects your assets without the need to install any hardware.

This makes it perfect for all scenarios where the hardware component is not needed or when you want to integrate zadig® Cloud to existing hardware.

Fully-managed

zadig® Cloud automatically manages, without any need for user intervention, all aspects concerning the security of user identities and devices.

The highly intuitive administration interface allows users to monitor the overall status of their work environment and, through the Professional add-on, to enforce corporate policies centrally.

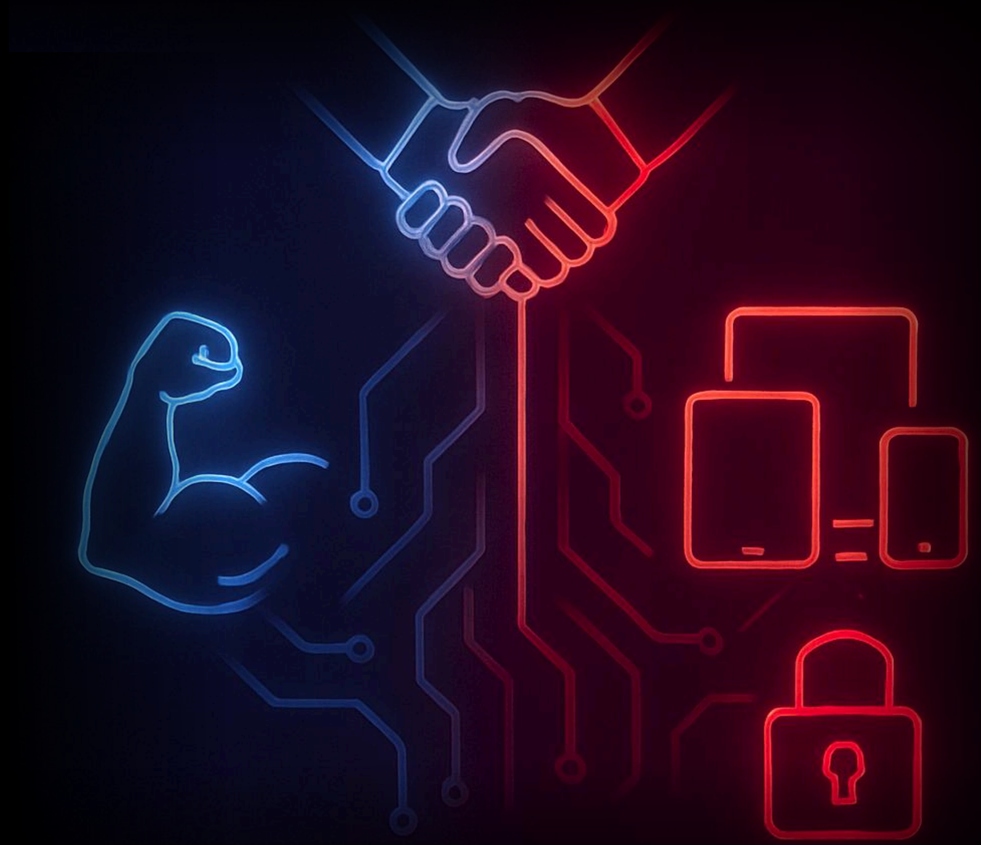
zadig® SMART

Unity is strength!

zadig® SMART is the advanced cybersecurity solution designed by bitCorp® to protect micro and SMBs.

It protects your network and services by following a zero-trust approach. Whatever size your business is by coping with the highest level of threat.

- zadig® SMART is efficient because it realizes comprehensive protection with an all inclusive solution that requires no expertise
- It makes your life easier because you have one fee instead of many licenses for various cybersecurity services
- It's effective because every aspect of protecting your network and services is handled by bitCorp, and you can focus only on your business
- It's smart, because it is a dynamic system that can grow along with your business, providing you from the start with the fundamental services for effective protection against cyber attacks and to be immediately compliant with current regulations (NIS2, ISO 27001, AgID)



zadig® SMART features

- Firewall
- Secure Network Authentication
- Network Failover
- Content Filter & AD-Blocker
- IDPS
- Network Segmentation
- Portal Control
- Guest Device Isolation
- Gateway Insight

+

- Users & Devices Directory
- Single Sign On (SSO)
- Multi Factor Auth. (MFA)
- Asset Inventory
- Live Remote Backup
- File Version History
- Portal Control
- Antiransomware
- Cloud Insight

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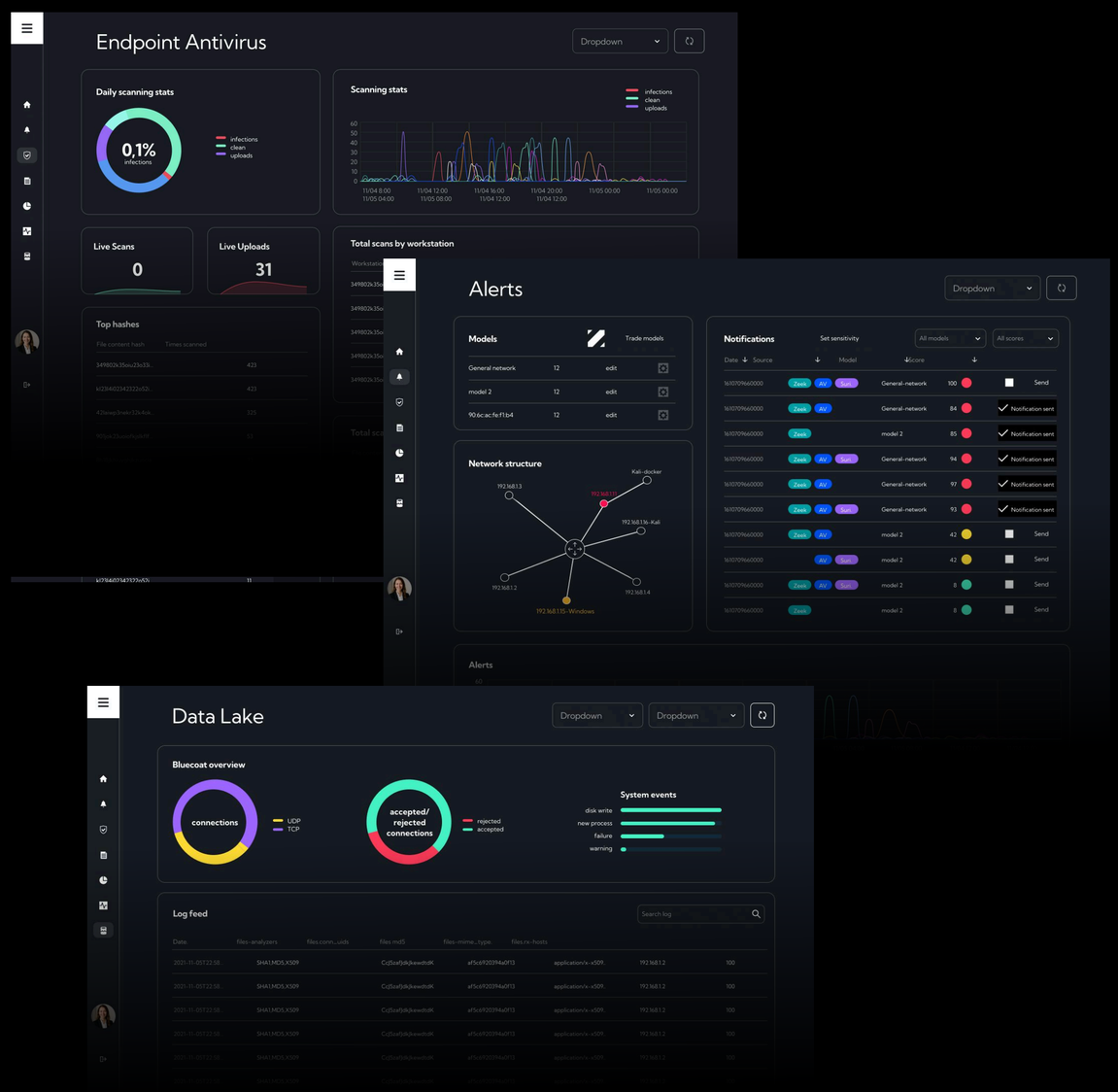
SMART Insights

zadig® SMART combines the features of Gateway and Cloud by enhancing them with the SMART insight feature. Thanks to this innovative feature, zadig® SMART not only provides you with comprehensive cyber protection, but also allows you to monitor and improves business performance.

zadig® SMART insights

With the feature Insight, zadig® SMART becomes a true corporate governance tool, providing insights into:

- The performance of employees
- Energy consumption of monitored devices
- Network accesses
- The number and type of threats identified,
- including providing information on the profile of possible attackers



An innovation that makes it possible to transform a defense tool into an absolutely brand new business intelligence asset for the SME.

The potential expressed by SMART Insights is guaranteed by the Dedicated Data Sandbox (DDS), made available to the client and serving its infrastructure.

zadig® SMART add-on

Add-On Remote

SMART Working VPN

Our IPsec VPN does not require third-party software. It uses advanced encryption to protect data and block threats on remote devices connected to the corporate network.

Site2Site VPN

Site2Site VPN securely connects multiple corporate networks, creating a single private network. It improves uptime, allowing users to work securely from any location.

Add-On Professional

Centralized management of devices

Automatic deployment to all devices, (fixed and mobile, corporate and personal) of corporate security policies for the highest level of protection on every endpoint. All operating systems (Windows, macOS, Linux, Android, iOS and iPadOS) are supported.

Unlock the benefits of zadig SMART

Easy to install

Installation takes only a few minutes and is done by our technicians. zadig® SMART is for everyone and no cybersecurity expertise is needed. Once activated, zadig® SMART will take care of everything and you can focus solely on your business.

All-in-one solution

A single license to keep costs and operations under control at all times. All the products for your cybersecurity in a single solution so you can enjoy numerous benefits, including:

- a single product, always at your fingertips
- costs always under control
- a single point of contact
- a dedicated support network

Standard compliant

zadig® SMART is compliant with current regulations, including ISO 27001, "National Cyber Perimeter," AgID standards and NIS2.

The First Line of Defense

We believe technology is powerful—but people make the difference

75% of cyber attacks originate through phishing and social engineering campaigns that exploit negligent behavior on the part of affected company personnel.

Technology may not be enough. That's why every product in the zadig® line always includes a basic computer security training video course for all employees.

A course aimed at providing knowledge and skills to defend against the most common cyber attacks and designed to learn how to avoid the most common mistakes that can facilitate cyber attacks.

In addition, thanks to a self-assessment system, you will always have an up-to-date view of the actual state of readiness of your employees.

bitCorp®

Cyber-security is a process, not a product.

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zadig®

Modular. Intelligent. Battle-Tested.

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