



Russian solutions for safe access to the Internet on corporate level, as classical Secure Web Gateway

Safe work on the Internet

SurfSecure overview

+ ABOUT COMPANY

Vendor

Development since 2015, based on the ITD Group company with expertise in the information security market for over 13 years

SurfSecure

Development Center located in Russia with worldwide support

Channels

- Distributors
- Value Added Resellers
- MSSPs

Market Strategy

Strategic Partners

- Top Cyber Security cos.
- Leading tech players

Direct Sales

- Referrals
- Virtual Sales
- Relationship Marketing

**SurfSecure - provides
stable and safe work of
employees on the Internet**

**Allows companies to
control Internet traffic**



- Blocking access to unwanted and malicious websites



- Database of 500+ million URLs to detect infected and unwanted pages



- Antivirus scan of downloaded files and applications

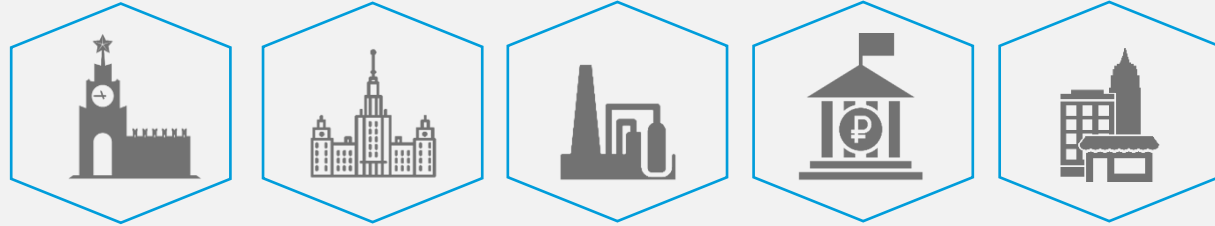


- Load balancing and query caching for stable access to sites



- Integration with IPS, DLP, SIEM, Sandbox - third-party solutions

+ TYPICAL CUSTOMERS



250* - 100 000 users

A desirable system requirement is Active Directory presents. As a rule, customers of this level already have a fairly developed infrastructure. The presence of third-party information security solutions for possible integration is welcome: DLP, IPS, Sandboxes.



+ SUCCESS STORY

Large industrial company

Situation

Large industrial company
2,000 employees with Internet
access

For access control, an Open-Source
solution is used

Configuring policies and network
access configuration takes a lot of
time and resources. Many threats
cannot be prevented.

Needs

Automate Internet access policies for
employees

Get an up-to-date and comprehensive
database of URLs. Low false positive
rate

Network load balancing support

Provide stable Internet access for 2,000
employees at a time

The Project

Joint project:

SurfSecure + authorized partner

Pilot testing

Failover Cluster Installed

Result

The solution provides stable access to the network under high loads, blocks click on malicious links, allow controls company policies

SurfSecure is accepted as the standard in the entire group of companies



+ MAIN FEATURES

+ URL-FILTERING

URL-Filtering



- Base of 500 million URLs. Daily update
- Filtering SSL traffic
- In real time
- 100+ categories for setting site access policies

+ PROTECTION AGAINST MALICIOUS CODE

Antivirus protection



- Kaspersky Anti-Virus
- Editing antivirus settings:
 - ✓ size of the scanned object
 - ✓ scanned file extensions
 - ✓ signature update rate
 - ✓ lock password protected files
 - ✓ percentage of scan before loading

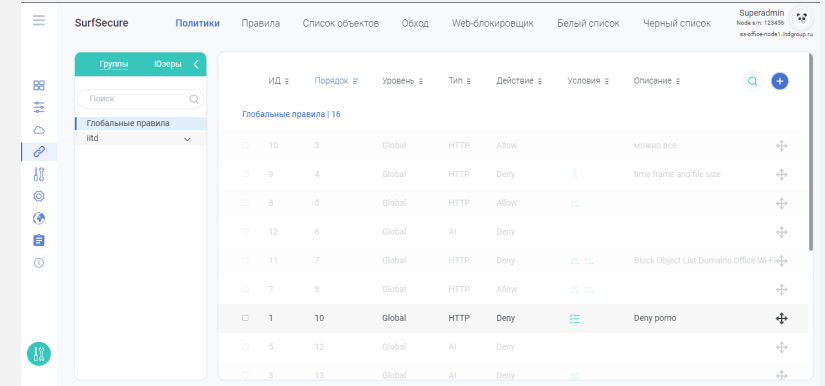
+ IDENTIFICATION OF APPLICATIONS

AI Module - Advanced Application Identification



- 600+ protocols, new ones are constantly added
- Ability to create rules at any level
- Blocking anonymizers, cryptocurrency generators, torrents, remote control applications, HTTP tunnels, VPN, P2P, VoIP, online games and much more

+ ACCESS POLICY MANAGEMENT



RULES MODULES

HTTP - URL blocking.
File download restrictions

HTTPS – secure connection management

AI – application identification

3 LEVELS OF RULES

Users - access rules for individual users

Groups - Access Rules for Employee Groups

Global – access rules for all employees

TYPES OF SETTINGS

- Limit downloads by file size
- Limit downloads by file type (extension)
- Apply Scheduled Rules
- Set the order and logic of applying rules
- Set site categories and restrict access to categories
- Identification of applications and related activities

+ AUTHORIZATION AND AUTHENTICATION



For authorization and authentication of users integration with Active Directory is required

LDAP

Tools for importing users from AD to SurfSecure

Authentication Types

Kerberos
Basic
NTLM

+ NETWORK ACCESS SUPPORT

LOAD BALANCE



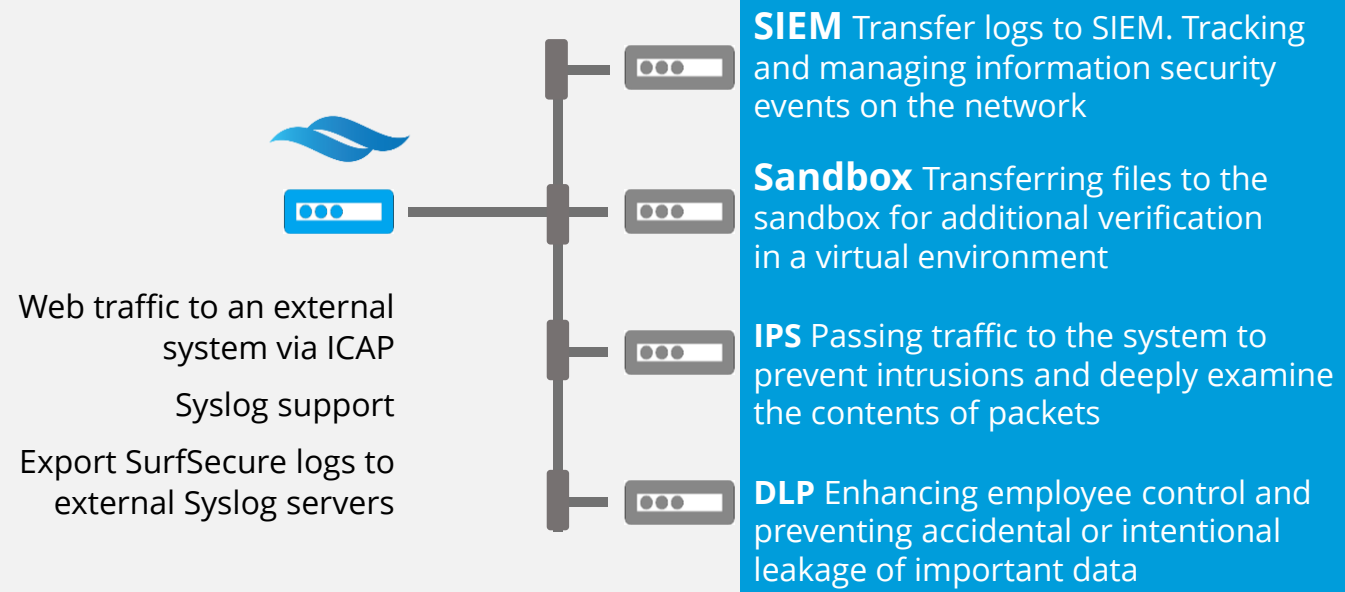
- Load sharing between 2 or more servers (nodes)
- Built-in mechanism
- Stable work of tens of thousands of concurrent users
- Support for various balancing methods used by VRRP

REQUEST CACHING



- Allows you to control the speed of access to web pages
- Configure traffic caching algorithm
- Ability to disable caching for certain resources

+ INTEGRATION WITH THIRD PARTY SOLUTIONS



+ CONTROL SYSTEM

The screenshot displays the SurfSecure web interface. At the top, there are navigation tabs: "Политики" (Policies), "Правила" (Rules), "Список объектов" (Object List), "Обход" (Bypass), "Web-блокировщик" (Web-blocker), "Белый список" (Whitelist), and "Черный список" (Blacklist). The main content area shows a table of global rules under the heading "Глобальные правила | 16".

ИД	Порядок	Уровень	Тип	Действие	Условия	Описание
10	3	Global	HTTP	Allow		можно все
9	4	Global	HTTP	Deny		time frame and file size
8	5	Global	HTTP	Allow		
12	6	Global	AI	Deny		
11	7	Global	HTTP	Deny		Block Object List Domains Office Wi-Fi
7	8	Global	HTTP	Allow		
1	10	Global	HTTP	Deny		Deny porno
5	12	Global	AI	Deny		
3	13	Global	AI	Deny		

Below the table, there are several summary cards:

- Заблокировано приложением**: A circular gauge showing request counts for different categories (Движ., ВС, Движ., ДПИ).
- Топ заблокированных доменов**: A table listing domains and their blocked request counts.

Домен	Заблокированные запросы
fb.com	90
fb.com/ico	40
www.arkadium.com	36
games	28
free	26
- Топ заблокированных пользователей**: A table listing users and their blocked request counts.

Пользователь	Заблокированные запросы
ralesst	70
lmuredjan	32

On the right side, there are cluster selection options and request statistics for two clusters: "ss-office-node1.iitdgroup.ru" and "ss-office-node2.iitdgroup.ru", both showing 100 requests.

Multilingual interface

Install updates, licenses, request technical support in one window

Custom Reporting

+ EASY TO USE

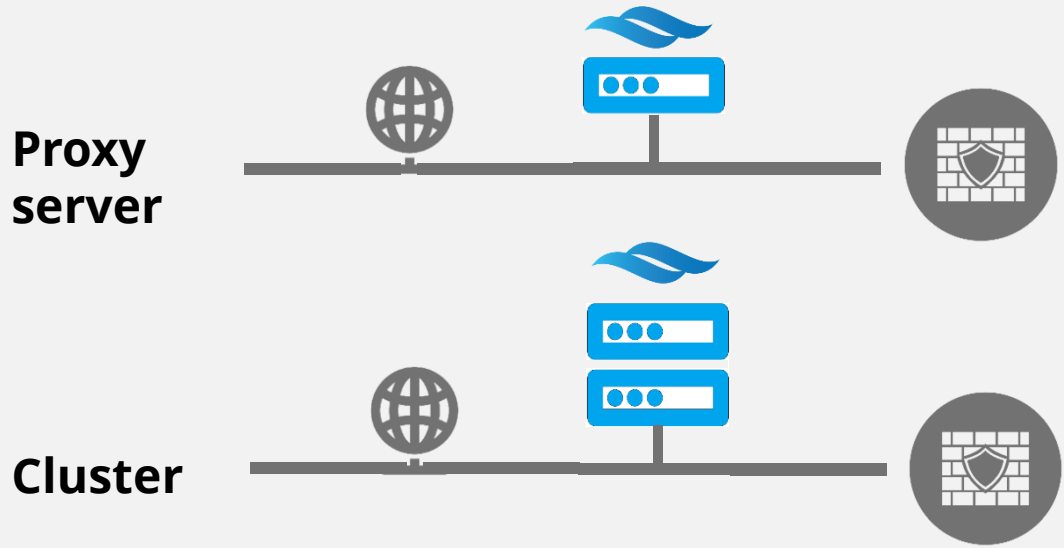
Delivery options :

Software license

Hardware or virtual appliance together with a partner

Licensed by number of users and servers

Installation options:





+ COOPERATION

+ HOW TO WORK WITH US

There is a general interest in the product. You need more information.



Request at: info@surfsecure.ru



We send materials about the product. We are organizing a webinar. We provide trial licenses

There is a potential customer. Want to try



Request at: info@surfsecure.ru



We organize full technical support for your project



SurfSecure

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Thank You!

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