



# STORMSHIELD

## STORMSHIELD NETWORK EXTENDED WEB CONTROL

MONITOR HOW YOUR CORPORATE USERS  
SURF THE INTERNET

### OPTION

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#### Client-side benefits

- ▶ Prevention of web-based threats
- ▶ Employee productivity
- ▶ Protection of management's responsibility
- ▶ Protection of the corporate image

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Monitor how users surf the internet on your corporate network and optimize your bandwidth consumption by deploying an effective and high-performance URL filtering solution. Stormshield Network Security's cloud-based advanced monitoring solution on its appliances meets these objectives and also allows you to protect your infrastructure from web-related threats.

#### MONITOR HOW USERS SURF THE INTERNET

Setting up a web browsing monitoring solution will allow you to meet the following needs:

##### OPTIMIZATION OF BANDWIDTH CONSUMPTION

Watching video content or visiting websites that are not work-related can increase the amount of bandwidth that your internet access consumes. Monitoring your web browsing by user and controlling which websites to authorize ensure the optimal use of your resources.

Using this feature in conjunction with Stormshield Network Security's embedded http proxy cache allows you to benefit from a comprehensive web traffic optimization solution.

##### COMPREHENSIVE MONITORING OF WEB BROWSING

A large number of categories provide a wide array of parameters for defining a web filter policy. You can therefore configure as finely as possible which websites corporate users can access according to their jobs and responsibilities. For example, the marketing department may access social networks whereas other services will not be allowed to do so.

Furthermore, the use of time slots allows creating flexibility in the URL filter policy at certain times of the day. For example, you can authorize less stringent access to sites that are not work-related outside office hours.

##### PREVENTION OF WEB-BASED THREATS

There is no longer a need to prove how widespread the use of the internet has become. The number of websites has increased by 5000% in 12 years and 60% of these sites are less than 2 years old. Incidentally, they are the resources that cybercriminals prefer for launching attacks.

Even though 87% of attacks originate from malicious URLs, they can also affect websites with an established reputation but which have been

## ABOUT

Arkoon and Netasq, fully owned subsidiaries of Airbus Defence and Space CyberSecurity, run the Stormshield brand and offer innovative end-to-end security solutions both in France and worldwide to protect networks (Stormshield Network Security), workstations (Stormshield Endpoint Security) and data (Stormshield Data Security).

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compromised in the past. The right security solution therefore needs in-depth and continuous knowledge about website reputation in order to guarantee that your company's users surf safely.

### PROTECT YOUR RESPONSIBILITY

In some countries, CEOs may be held criminally liable for employees visiting illicit websites on their networks. A granular URL policy makes it possible to prevent visiting such sites.

### THOROUGH KNOWLEDGE OF THE WEB

Stormshield Network Extended Web Control relies on a cloud-based solution to ensure efficient real-time categorization. Billions of requests are analyzed in order to continuously evaluate the risk level of various websites and to block infected or malicious sites from being visited as soon as they are detected.

The deployment of the URL filtering solution in the cloud offers three advantages:

- Requests for classification are sent from several places around the globe, offering as such comprehensive knowledge of worldwide web traffic.
- Any new website is quickly identified, mapped and instantaneously provisioned to the filter solution.
- As soon as a website is infected, its new category will be available immediately to all security devices. There is no longer a need to wait for category databases to be updated.

### GRANULAR FILTER POLICY

The Stormshield Network Extended Web Control solution offers:

- A database of more than 100 million URLs
- 65 website categories
- 8 categories dedicated to security (botnets, malware, hacking websites, etc.)

Such granularity provides great flexibility for defining an accurate URL filter policy that closely reflects authorized use in your organization.

For example, the single category grouping "dangerous" websites on solutions developed by our competitors has been replaced with "malware", "botnet" and "compromised sites" on our solutions. The differentiation of these categories is highly appreciated in web traffic activity reports.

### ADVANCED FILTERING FOR ALL

The implementation of a sufficiently comprehensive URL filter database requires a significant amount of hardware resources for storage purposes. Therefore advanced URL filter databases stored directly on security appliances often may not be deployed on entry-level products. By provisioning its filter solution in the cloud, Stormshield Network Security renders hardware restrictions on its products irrelevant.

The Extended Web Control solution can be enabled on the entire range of Stormshield Network Security products. You can therefore benefit from an advanced filter solution regardless of the size of your company.