



VERSION 9.1

A NEW VERSION
FOR A NEW DIGITAL WORLD

FIRMWARE

NETASQ NG-UTM

Main innovations

- High performance
- Cloud Protection
- Control of mobile devices
- Extended WEB Control
- Interactive Reports

Over the past few years, the digital landscape has undergone a full transformation, with information technology becoming a consumer good that is changing our habits and how we work.

The development of mobile terminals and outsourced applications has played a prominent part in changing the corporate organization: there is no longer a need to be physically present in the company's premises in order to communicate; complex infrastructures no longer need to be set up in order to benefit from applications which are useful for the business, and you no longer need to manage your company's network of devices. By tearing down the technical inhibitions and the need for IT skills, the cloud, SaaS providers and outsourced IT services allow smaller businesses to access features that were previously reserved for large corporations.

WEB 2.0 and social media have also shaken up our online habits. From a world in which information sharing used to be a one-way process, we have gone on to a universe in which anyone can share content and interact with his environment. Web applications and social networks, which used to serve only personal purposes, have become truly professional tools.

With the advent of this new digital age, new challenges have to be addressed:

- Due to the upsurge in the volume of content and data available or the increase in electronic communications, endless enhancements to the capacities of protection systems must also be made,
- Security has to continue protecting information resources while allowing the growth of new practices, necessary for the agility of modern businesses,
- In order for security to be fully accepted by users and administrators, there is a real need for it to be as seamless as possible, by limiting the impact and restrictions on users and administrators while keeping the same level of protection.



High performance

- Increase in IPS performance of up to 35%
- Increase in antivirus performance of up to 100%

NETASQ appliances push back the limits of IPS throughput by offering unrivalled performance at the lowest cost. The optimal use of hardware capacities ensures that the intrusion prevention and antivirus analysis engines succeed in processing an ever-increasing amount of data. Optimizations to our range also guarantee exceptional VPN throughput, especially in complex architectures based on a dense network of tunnels.



Cloud protection

- Security application for Amazon Web Service environments

Virtualized environments in public or private clouds require advanced protection of a caliber at least equivalent to the type applied to public servers. To allow Amazon Web Service (AWS) clients to control and ensure the security of their cloud environments, NETASQ virtual appliances are now available in the AWS* Marketplace. In just a few clicks, they provide you with the proven level of security which has contributed to the success of NETASQ products. All the multi-level security features on NETASQ appliances are available.

The AWS version adds on to our range of virtual appliances, which already protect numerous cloud environments.

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Control of mobile devices, an answer to BYOD issues

- Identification and control of mobile devices,
- Authentication in heterogeneous environments (IOS, Android, Windows, etc)

The boom in the use of mobile devices such as smartphones, touch screen tablets or ordinary personal laptops in the workplace or elsewhere presents a real headache for security managers. How is it possible to keep pace with the spreading practice of BYOD (Bring Your Own Device) while maintaining an efficient level of protection and monitoring of these devices?

With version 9.1, NETASQ appliances can identify the mobile terminals connected to the information system and control their use. It is therefore possible to allow or deny the use of these devices during certain time slots, or for certain users or user groups or for access to certain resources. A stronger protection profile can even be applied.

This latest version offers incomparable flexibility for the authentication of users, whether they are using professional or personal devices. The many authentication methods offered can be used jointly to validate access from all types of devices.



Extended WEB Control

- *Web filtering solution in cloud mode*
- *Database containing more than 100 million URLs*
- *65 categories, 8 of which are dedicated to security*

The number of websites created in the last 12 years has increased by 5000%. Faced with such exponential growth, embedded URL filter solutions are stretched to their limits. How can categorization information for all these sites be contained in a limited physical space? How do you continuously update an embedded filter database?

To respond to these issues, version 9.1 has integrated a new web protection feature: Extended Web Control. Thanks to its operation in cloud mode, Extended Web Control offers efficient categorization in real time on all products in the NETASQ range. Billions of requests are analyzed to evaluate websites' risk levels all the time and to prevent an infected or malicious website from being visited once it has been detected. As such, connections from internal hosts or external hosts via VPN to botnet control sites (C&C) or malicious websites can be avoided.



NETASQ Activity Reports – Interactive reports

- *21 embedded reports*
- *Modification of configuration from reports*

The IT architecture, business needs and users' needs evolve over time. In order to adapt the security policy to these changes and to maintain seamless and secure access to IT resources, clear and comprehensible information on how the information system operates, the status of threats and user behavior is needed.

Through graphical reports, covering 6 security themes and available from a dedicated application, users can view, for example, how the internet access is used, which attacks have been blocked as well as the vulnerable hosts in your company. These interactive reports allow making changes directly to the configuration in a single click and improving the level of protection at all times.

This application is available on the whole NETASQ range. Now that removable media is supported for the local storage of logs, the number of active reports can be extended on U30S and U70S products.

Transparent authentication

- *Transparent authentication for Windows environments*
- *Transparent authentication on multi-user environments*
- *Multiple authentication instances*

Version 9.1 makes it even easier to set up user authentication. New methods allow seamlessly identifying users of a Microsoft domain, as well as users connected from Citrix or TSE servers.

Defining an authentication strategy which adapts to the context and allows placing users more easily at the heart of the security policy is now possible.

Optimizing application control

Against the number of web applications developed each day, the application control approach based on the number of applications supported is no longer appropriate. How can access privileges be defined for thousands of applications, most of which are unknown? Even the categorization of applications does not allow the definition of a truly efficient application policy. NETASQ's application control feature relies on a qualitative approach – it favors the integration of applications which are truly relevant to companies (based on their business or geographical location).

NETASQ clients may for this purpose submit their specific requests for the support of new applications via a dedicated portal.

Version 9.1 presents many other innovations such as:

- New installation wizard: first configuration with the highest level of security in less than 3 minutes,
- SD card support: local log storage allowing access to interactive reports throughout the whole range and compliance with regulatory requirements regarding the retention of electronic communications,
- Secure access for mobile terminals (IOS/Android/Client VPN): a "mobile" profile enables the quick setup of VPN tunnels for remote access to internal resources,
- Monitoring of the Safesearch function on search engines: filtering of inappropriate content or images in the search results provided by Google, Bing or Yahoo,
- ePub feature on the antispam engine: improves user productivity by identifying e-mails relating to advertising campaigns,
- Access to Youtube EDU: ability to allow users to watch Youtube EDU videos, even when the Youtube website is prohibited.

About

Arkoon+Netasq, 100% subsidiaries of Airbus Defence & Space (Airbus group), offer security solutions which are particularly innovative for network protection. These trusted solutions are certified at the highest European level (EU RESTRICTED, NATO and ANSSI EAL4+), to secure strategic information. They are sold through a network of resellers, integrators and telecom operators to companies, government and defence organisations of all sizes throughout the world. www.arkoon-netasq.com

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Extended Web Control and local log support are optional features.

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