

SecurActive NSS-800

Network and Security Surveillance Appliance



SecurActive NSS Solution

SecurActive NSS is a network and security surveillance appliance based on an innovative analysis engine. It captures network traffic and analyzes it, making the understanding of network activity easier.

With a graphic interface that is both intuitive and easy to use, SecurActive NSS provides dashboards which show the type of traffic on the network, detecting network anomalies and risks such as attacks, incoherent or illegitimate traffic, threshold limits, etc.

The SecurActive NSS product line brings together 5 different solutions for network owners and administrators so that they can respond to effective network monitoring requirements regardless of network size.

NSS-800: Behaviour analysis of Enterprise LAN networks

The SecurActive NSS-800 appliance was designed to meet the network analysis and security needs of large companies. It integrates all the network analysis and security functions required into one comprehensive solution.

Modularity and transition

The technical configuration of the SecurActive NSS-800 appliance provides a flexible mean to monitor the growth of your company's network architecture. Thanks to its 7 Gigabit Ethernet and 2 Fiber listening ports as default (an additional slot for further interfaces is also available), SecurActive NSS-800 is the perfect solution for large company networks and for growing companies in any industry.

SecurActive NSS-800 appliance: major advantages

- **A EASY-TO-USE AND COMPLETE SOLUTION**

SecurActive NSS-800 was designed and produced to include the following features: network view, performance view, security view, web view, alerts and reports.

Benefits:

- No unforeseen or hidden costs
- Simplicity of integration and no-fuss operation
- Assured efficiency and streamlining of its different features

- **A FULLY INTUITIVE ADMINISTRATION**

SecurActive NSS-800 appliance was designed for any user browse from general synthetic information to more detailed data in a simple and intuitive manner. Numerous wizard tools are available to facilitate the immediate and full use of the NSS-800 solution.

Benefits

- Easy acquisition of network analysis skills
- No further prerequisites to support the management of the solution
- Self-training for team users
- Shorter time to resolution
- Reduced time dedicated to network administration

- **PASSIVE DEPLOYMENT ON THE NETWORK**

SecurActive NSS-800 can listen to flows on the network either via a port mirroring on network switches or via TAPs. All your network traffic is duplicated and then transmitted to SecurActive NSS-800 to be analysed.

Benefits

- Transparent installation
- Non-intrusive integration
- No additional traffic generated
- No network disruption during the installation of SecurActive NSS-800.

- **NETWORK AND SECURITY CUSTOMIZED ALERTS**

SecurActive NSS-800 can be configured to provide network alerts and security measures based on its operations, requirements & architecture as well as its IT code of ethics. The alerts are reported through SecurActive NSS' graphical interface and/or sent by e-mail to administrators.

Benefits

- Monitoring of congestion, misuse and abnormal behaviours
- Shorter detection of attack and anomalies
- Immediate resolution of network incidents and security breaches as soon as they occur.

- **CONFIGURATION ADAPTED TO NETWORK REQUIREMENTS**

SecurActive NSS-800 can also be configured so that it is adapted to meet your network's unique requirements for both infrastructure (zones and sites) and service definitions (identification of services and applications).

Benefits

- Easy and quick grasp of your network's functions and operations
- More rapid and efficient analysis of your network's activity

SecurActive NSS-800 appliance integrates the following standard functionalities:

Network Display

- Changes in observation time window (2 min / 2 h / 2 d / last month)
- Global traffic distribution (by IP protocol volumes, service volumes)
- Exchanged traffic by zone (volumes exchanged by zone)
- Matrix of volumes exchanged by zone
- Distribution of IP protocols
- Volume of traffic exchanged by host
- Active sessions
- Uncategorised flows
- Direct access to an IP address
- Historical records of network alerts
- Bandwidth by protocols
- Bandwidth by applicable service category
- Bandwidth for traffic < than 5%
- Bandwidth for traffic > than 5%
- Monitoring filters on IP source, destination, hours
- Alerts by network threshold limits

Security Display

- Incidents by category
- Incidents by signature
- TOP list of attackers
- TOP list of targeted hosts
- Historical records of security alerts
- Incidents by alert level

Web Display

Consultation by:

- web site
- family
- category
- zone
- source
- export in CSV file

Response Time Management

- Measurement of both application and network latency periods
- Identification of network deteriorations

Configuration

- Configuration of the context (zone and services)
- Configuration of upstream network alerts (triggering of threshold limits)
- Configuration of upstream security alerts
- 5 levels of alerts from 1 to 5 (critical to informative)
- Management of users (access to the administrator or user box, creation of group profiles)

Reports

- Archived reports
- Generation of reports via assistant launch
- Generation of standard reports
- Generation of personalised reports
- Planning for the generation and transmission of reports
- Push via e-mail
- Generation of reports in HTML
- Reading of reports through Firefox or Internet Explorer

Expertise

- Generation of frame capture files
- Automatic triggering of the capture/ parameter set-up through a wizard
- Capture of up to a maximum of 10,000 frames per capture
- Stocking of local file captures
- File recovery for reading in PCAP format

Services

- Client Support DHCP
- DNS resolution support
- SMTP support
- Configuration of working hours
- NTP support
- Consideration of HTTP proxy
- Possibility of time freeze
- Automatic updates from URL classifications and security
- SNMP support

Logging/Monitoring

- Real time monitoring of the appliance's load and condition
- Secured access via login/password
- Notification by e-mail

Management

- Access to the administration of the NSS-800 solution in either WEB HTTP or HTTPS
- Two access levels: administrator or user
- Access to manage the appliance via the administration port using a Web browser
- Console port access series interface
- Access to support via remote maintenance service in cipher mode
- Access log of the appliance

Specifications and performance

- 7 listening interfaces 10/100/1000 base T copper
- 2 listening interfaces 1Gbps SFP Fiber
- 2 extension slots - option
- 1 administration port interface 10/100/1000 base T copper
- Connectivity of the listening ports via a "port mirroring" or a TAP
- Over 9,000 supported security signatures
- Support for OLFEQ categories in URL consultation

Hardware specifications

- Ethernet interfaces 10/100/1000 LAN (8 Giga Ethernet ports RJ45 Copper)
- Gigabit Fiber interfaces SFP (x2)
- HDD (Hard disk) HDD 500 GB (x2)
- Raid 1/0 card
- Serial port (1 console port - RJ-45)
- Power: 450 W ATX Power Supply
- Double Power Supply
- Rackable: 2 U
- Dimensions: 427 x 458 x 44 mm
- Certifications: CE FCC Class A

Optional Hardware

Extra Network cards:

NSK598CP2 (Dual CX4 – 10 Gbps Ethernet) or NSK598GB2 (Dual XFP – 10 Gbps Fibre)

SecurActive NSS-800 illustrated photos

- Front view of SecurActive NSS-800



- Back view of SecurActive NSS-800



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About SecurActive

SecurActive is the European leader in network surveillance and security systems. Based in Paris, it distributes its SecurActive NSS product line in France and in western Europe through a network of certified partners. Additional information is available on the company's web site at www.securactive.net