



SNIF



Symphion Network Instrumentation Framework

SNIF Exportable Enterprise Reports Features Overview

How does SNIF provide information to SNIF users?

SNIF maintains several methods and formats to produce reports. Any screen within the web portal can be exported to several formats, including Microsoft's Excel and Word. SNIF also encompasses a reporting subsystem that contains over 100 predefined users reports in areas such as asset management, configuration management, software management and application management.

What if we need an exportable report that SNIF doesn't provide?

Contact Symphion and request that they add the new report. If it is a commercially viable request, Symphion will accommodate.

What are the most comprehensive SNIF reports?

The ITAM enterprise **Asset Inventory Report** can be viewed and manipulated via the user interface or exported. It reports all enterprise assets and the details about each asset. The **Device Details Report** is SNIF's comprehensive device configuration report that can be viewed and manipulated via the user interface using easy to used tabs or can also be exported.

What are the most popular SNIF reports?

Generally speaking, the ITAM Enterprise **Asset Inventory Report** is the most popular report. However, popularity depends on the use case.

What reports are popular for Help Desk personnel?

Help Desk personnel would start with the screen for the **Device Details Report** of a particular machine. Then, they would move to the area that relates to the call or the areas that may have caused the problem. For instance, "my machine crashes at start up or is running really slowly". Help Desk personnel would look at **Disk Space Report** after they look at



S Y M P H I O N

5910 N. Central Expressway
700 Premier Place
Dallas, TX 75206
t. 214.522.4000
f. 214.522.4009
www.symphion.com



Installed Software Report to check for virus protection. Then, they would look at **Running Software Report**.

What reports are popular for General Maintenance (preventative maintenance)?

General Maintenance Reports will depend on the device type involved. Network Elements Maintenance--The **Network Element Report** shows port speed to each segment.

Printer Maintenance--The **Device Details Report** shows how much paper and toner is consumed since last reset.

Computer Maintenance (Desktops and Servers)--- A maintenance practice might be to run the **Disk Capacity Report** on an exception basis for the enterprise. SNIF will report percentage over threshold for the enterprise on one disk report. Then, you can run the **Disk Capacity Report** to determine the available capacity and where it is. You can also run the report based on absolute values "show me devices with less than 1 GB". You can use the **Where installed Software** report to go clean-up all the old Java installs **Up-Time Report** is another one that General Maintenance would use to focus on server class and network element class devices only (non-dhcp devices)

What reports are popular for Security management (auditing)?

Auditing and security administration will need the **Active Directory Services (ADS) User Report** to determine the security credential policies.... change passwords, use of root access, general privileges assigned (only give access to what is needed). Auditing would also look at the servers from the **Devices Listing Report**, then apply tests specific to those devices. Auditors will have an interest in laptops and the policies around laptops - the Laptop Report produces a listing by name. The **Port Report** will be of interest to give security administrators and auditors an idea of what types of communications are occurring and potential vulnerabilities.

SNIF reports include:

Average Amount of Memory Used Per Running Software – Displays the average amount of memory used by the software and device. Also displays a bar chart for the top X average amount of memory used per running software. "Get Devices" displays the device details of the particular running software.

Average Available % CPU Capacity Graph – Displays the overall average percentage of the available CPU capacity of the selected profile in a pie chart. Also displays the top X individual device average percentage of available CPU capacity of the selected profile in a bar chart.



Average Available % Disk Capacity – Displays the overall average available and used percentage of disk capacity of the selected profile. Also, it displays the individual X devices available percentage of disk capacity.

Average DB size – Displays the average database size of the selected profile. **Average Memory** – Displays the average amount of memory installed per device.

Average Number of CPU Per Device – Displays the number of CPU per device

Average Number of DB's Per Device with DB – Displays the average number of database per device.

Average Number of Devices Per Domain – Displays the average number of devices per domain.

Average Number of NIC Cards Per Device – Displays the average number of NIC Cards per Device.

Average Number of Users Per Device – Displays the average number of users per device.

Database Details – Displays the database name details of the selected profile.

1. **All** – Displays all database name details of the selected profile.
2. **By Device** – Displays the database name details of the selected device.
3. **By Database** – Displays the database name details of the selected database.

DBMS – Displays DBMS installed devices in the subnet and selected profile(s) (SQL and Oracle).

Device - Storage Details – Displays the device storage details of the selected profile.

Device by location – Displays the device location details of the selected profile(s).

Device Uptime Info – Displays the device uptime information such as device, device type, day, hour, minute, second, and millisecond.

Devices With Logged-in Users – Displays the devices with logged-in users on each system.



Devices With X Available CPU Capacity – Displays the devices with X greater and X lesser CPU capacity.

Devices With X Disk Capacity:

4. **Devices with less than x disk capacity remaining** – Displays the devices with less than the specified remaining disk capacity in GB.
5. **Devices with greater than x disk capacity remaining** – Displays the devices with greater than the specified remaining disk capacity in GB.
6. **Devices with greater than x used disk space** – Displays the devices with greater than the specified used disk space in GB.
7. **Disk Devices that have more than X Disk Errors** – Displays the disk devices that have more than specified disk errors on each device.

Distribution of O/S – Displays the X top operating systems in the subnet

Distribution of Software Memory – Displays the X top software memory usage in the subnet

DNS Lookup & Reverse Lookup – Displays the devices Name, IP address and device type.

Device Event Log – Displays the event log of the device by all, by device, and by event.

Hot Fix – Displays the number patched updates on each systems and not on a system..

List of Laptops – Displays the list of laptops in the selected profile.

List of Printers – Displays the list of printers in the selected profile.

List of Unknown Devices – Displays the list of unknown devices in the network which are not able to categorized by SNIF application.

Machines with ADS - List – Displays the lists of machines which have active directory services.

Microsoft O/S Report – Displays the list of devices which have Microsoft Operating System installed.

MS Office License Info – Displays the computers running Microsoft Office, along with license information for each devices.

Network Elements – Displays the network elements of the selected network, along with their respective blades and ports.



Operating System on Machine – Displays the operating system on the devices of the selected profile regardless of O/S manufacturer.

Port Information – Displays device port information of the selected profile(s). This report allows a single device to be isolated, or all devices to be reported.

Reverse DNS Lookup – Displays the IP address and DNS name of the selected profile.

Routing Table – Displays the routing table's details of the device.

Software X Installed, X User On Machine

1. **Where Software X installed** – Displays the location or device name of the installed software.
2. **Where O/S X is installed** – Displays the installed O/S of the device
3. **Where Software X is not installed** – Displays the device where the software is not installed.
4. **Devices where User is on machine** – Displays the devices where selected user logged in.
5. **Installed Software of X manufacturer** – Displays the manufacturer details of the installed software.

Top X Installed software – Displays the most occupied Top X installed software and usage data

Top X Most Common OS – Displays Top X most used operating systems in profile(s).

Top X Most Commonly installed peripherals (exclude processors) – Displays the most commonly X installed peripherals

Top X NIC Card MFG – Displays the Top X NIC card manufacturer details based on the usage in the network

Top X NIC Card Types – Displays the Top X NIC card type details based on the usage in the subnet.

Top X Printing Devices – Displays the Top X printing devices based on the usage in the subnet.

