



# Sun Technologies' Network Monitoring Tool (SNMT)

Seamless Network Monitoring that  
Supports Digital Vision

**Whitepaper**

# End-to End Network Monitoring – Made easy with SNMT

With businesses becoming increasingly customer-centric and operations extending to 24x7 mode, it becomes essential to have a network with 99.99% more uptime. This is possible only when there is good network management. SNMT is a network and infrastructure monitoring solution that allows you to quickly identify, prevent issues and optimize your IT infrastructure. It also provides detailed reports about the various problematic areas of the network.

## SNMT Highlights

24/7

Keeps your network up  
and running

100%

Performance Analysis

5x

Fast Resolution



Intelligent Mapping



Easy Installation



Advance Alerting





# Business Complexity

Most enterprises focus more on their core business but spend less time and effort to enhance the internal infrastructure. Therefore, network management is an essential option for all organizations in terms of revenue generation.

Network monitoring tools are available at different levels of complexity, so businesses prefer licensed tools for network monitoring. However, they often realize that they are spending huge amounts on the same. Although network monitoring is necessary for various organizations, tools are also needed to track these issues, such as incidents, problems, and changes.

## Challenges

- IT budgets
- Shorter period
- Increased ROI
- Stringent SLAs
- Detection of issues before they occur

## Key Considerations

Consider the following factors when selecting a network-monitoring tool

- To use licensed tools or adopt an open-source monitoring solution
- Whether to go On-prem or cloud-driven solution
- To go agent-based or agentless monitoring
- To use SNMP based monitoring or WMI also needed

SNMT provides monitoring for all mission-critical infrastructure parts as well as applications, services, operational systems, network protocols, systems metrics, and network infrastructure. In addition, it offers seamless third-party integrations to monitor all in-house and external applications, services, and systems.

# Overview of SNMT

Infrastructure networks are growing more and more complex. Therefore, the right network-management tool is essential to define a strong network. The SNMT lets you get more out of your network management. It provides you robust software solutions to meet your entire requirement in networks of different sizes. With SNMT, you can cover all the necessary network management functionalities, from monitoring, to managing and generating reports.

## Features

- A centralized view of the whole IT infrastructure
- 24/7 Monitoring of network services (FTP, SSH, SMTP, POP3, HTTP, NNTP, ICMP, SNMP)
- Monitoring of host resources that includes processor load, disk usage, system logs on network operating systems, such as Microsoft Windows, UNIX, Linux, etc.,
- Monitoring remotely through SNMT Remote Plugin Executor
- Remote monitoring is supported through SSH or SSL encrypted tunnels
- A simple plugin design allows users to quickly build their own service checks
- Available data graphing plugins and parallelized service checks
- Contact notifications/alerts when service or host issues occur and get resolved (via e-mail, SMS, or any user-defined method)
- Proactive problem resolution
- Automatic log file rotation
- Support for implementing repetitive monitoring hosts and performance data graphing



DIGITAL  
TRANSFORMATION





Sun Technologies

# Unique Features



Front-End Dashboard



Notifications



Navigation



Devices under Monitor



Flexibility



Technical Complexity



Sun Technologies' IT  
personnel

Sun Technologies maintains a strong team of developers and engineers who are capable of resolving client issues by providing the best resolutions reflecting the latest industry technologies.

# SNMT Dashboard at a glance



Sun Technologies, Inc IT Infrastructure Dashboard									
ACTIVE DIRECTORY		APPLICATION SERVERS		NETWORK - DATA		WEB SERVICES		UPS	
AD HEALTH	✓	BIOMETRICSRV	✓	US OFF - SWITCHES	✗	EMAIL SERVERS	✓	IDC01 - 15KVA	✓
DNS HEALTH	✓	KASPERSKY-SERVER	✓	FIREWALLS	✓	AAVEGAININTERACTIVE.COM	✓	IDC01 - 40KVA	✓
DFS HEALTH	✓	NLP-SERVER-DOMREC	✓	ISP-AIRCEL-IDC01	✓	SUNTECHNOLOGIES.COM	✓	IDC02 - 40KVA	✓
		NLP-SERVER-DOMREC	✓	ISP-TATA-IDC01	✓	HRM PORTAL	✓	IDC03 - 40KVA	✓
DOMAIN CONTROLLERS		OCS-INVENTORY	✓	ISP-AIRCEL-IDC02	✓	HELPDESK -IT	✓	PRINTERS	
STIDC01	✓	ORANGEHRM	✓	ISP-ACT-IDC02	✓	HELPDESK - Facility	✓	IDC01 - GF	✓
STIDC05	✓	SMTP-SERVER	✓	ISP-COMCOST-US-OFFICE	✓	SUNCRM	✓	IDC01 - FF	✓
STIDC06	✓	STI-IP-CAMERA	✓	ID01-IDC02-VPN	✓	KASPERSKY	✓	IDC01 - SF	✓
STIDC07	✓	STI-QB-SERVER	✓	IDC01-USOFF-VPN	✓	URBACKUP	✓	IDC02	✓
IND02-STIDC02	✓	STI-SARALPP	✓	MACYS-VPN-GATEWAY	✓	Wifi - Access Points	✓	IDC03	✓
LINUX SERVERS	✓	STI-SUNCRM	✓	MACYS VD SERVER - JC	✓	STORAGE & BACKUP SERVERS		IP CAMERA'S	
		STIDC11-WSUS	✓	MACYS VD SERVER - LN	✓	STI-BAKUPSRVR-MGR	✓	IDC01 - GF	✓
NETWORK - VoIP		FACILITY-PORTAL	✓	IDC01- SWITCHES	✓	STI-IDC01-BAKSRVR01	✓	IDC01 - FF	✓
ROUTERS-VoIP	✓	USOFFICE-FILESERVER	✓	IDC02 - SWITCHES	✓	STI-IDC02 & 3-BAKSRVR	✓	IDC01 - SF	✓
SIP SERVERS	✓	STI-HYPERV	✓	IDC03 - SWITCHES	✓	STORAGE - VNXe3200	✓	IDC01 - OUTDOOR	✓
PBX	✓	HARVESTERS 01	✓	IDC01 - IDC02 WIMAX	✓	STORAGE - HOME DRIVE	✓	IDC02	✓
ON CALL NUMBERS	✓	HARVESTERS 02	✓	IDC01 - IDC03 FIBER	✓	US-NASBOX : BACKUP	✓	IDC03	✓
IP PHONE-CONFERENCE	✓	BIOMETRIC TERMINALS	✓	IDC01 - IDC03 WIMAX	✓				

# Our Successful SNMT implementation Journey

Sun Technologies, through its homegrown Network Monitoring tool, transformed the network management of a leading American bank. Through its automated methodology, it enhanced the infrastructure monitoring, data collection, and Netflow analysis of the bank. Amongst other things, SNMT reduced the manual efforts by **65%**, thereby minimizing the operational cost by **35%**.

## Client Challenges

- A tool which can provide graphical resource utilization with time flexibility on (weekly or monthly basis)
- To set regular alerts with 1-minute time period maintained
- To monitor various devices including Linux servers, Windows servers, switches, firewalls, routers, load balancers & other devices

## Our Solution

- We installed SNMT which provides graphical resource utilization updates on weekly or monthly basis with top 10 alerts
- We have customized SNMT in such a way that the regular alerts are received by the client with 1-minute time periods maintained without fail
- We have custom set SNMT as per client requirements in time which has helped us to achieve the goal of monitoring 4000 devices including Linux & Windows servers from a single tool



# Streamline your network monitoring with SNMT

SNMT takes your network management to the next level. You get greater security and convenience in your network management throughout the process. Thus, you can monitor and manage more networks in a shorter time, saving effort, and costs.

## Benefits you have when choose SNMT



**Better Monitoring**



**Added Business Value**



**More Agility**



**Higher Security**



**Cost Reduction**



**Cater to the needs  
of your company**

**Try SNMT Today!**





## ABOUT US

We re-architect, design, develop and manage digital products through experience design, quality engineering, and advanced analytics for fortune 500 companies. We have specialized in Agile/Cloud/Dev-Ops Consulting & Transformation, Legacy modernization, IT infra management, QA & Test Automation, Data Analytics, and IT Staff Augmentation Services. In addition, we have expertise in various technologies in multiple areas such as Databases, Servers, Operating Systems, Cloud, Storage, Virtualization, Middleware, and Security.

For more information, please contact: [marketing@suntechnologies.com](mailto:marketing@suntechnologies.com) | [www.suntechnologies.com](http://www.suntechnologies.com)

**Corporate Headquarters:** Alpharetta, USA

**Global Offices:** India | UK | Dubai | Switzerland | Denmark | Australia

