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**Skill Set**

- 15+ years in Advanced Computer Systems, LAN/WAN Technology
- 10 + years of experience in network, systems, application and performance management using various NMS platforms and tools. Well versed in RFCs 1155, 1157, 1213, and 1901 through 1908 (SNMPv1, SNMPv2C) and SNMPv3. Familiar with all public MIBS and MIBS from leading vendors including Cisco, Nortel, Compaq, HP, NMS policy development and management. technical documentation of NMS methodologies and procedures.
- Computer & network design and troubleshooting skills on both hardware and software problems.
- OS Installation, patch, upgrade, scripting, develop interfaces and simple apps for NMS using Perl, Java or windows scripting tools, application testing and development, proactive analysis, troubleshooting, performance improvement, fault management
- Project management, senior technical leadership, vendor relationship building, staff development, and collaboration with principles in multi-platform server environments including Windows Servers, Novell. IBM OS/400, AIX, Solaris, HP UX, SGI IRIX .

**Hardware**

- Windows NT/2000 Server & Workstation 3.5 / 4.0  
Workstation: DOS / Windows 95/98/NT/2000/XP  
HP/Compaq/IBM /Dell Hardware, Blade servers
- Novell Netware 3/4/5/6 F&P & Application Servers
- AS/400, IBM iSeries Servers
- Sun Microsystems servers, Sparc, Netra
- SGI Workstations
- WAN Systems - T1, T3, DS0, DS1, DS3, Frame, DSL, Broadband
- Cisco Systems routers, switches and hubs
- 3Com networks Switches, Hubs, Stacks
- HP/Compaq Proliant Server Family
- Fluke network testers
- HP data and protocol analyzers
- Network General Sniffer-Pro
- VPN Server & Client various platforms
- Internet Firewall & Proxy -BorderManager/FastCache

**Software**

- Operating systems Solaris v 7-9 , SGI IRIX, OS400, AIX ,Linux Redhat v 6-9, NT Server Advanced –2003 ,
- NMS Tools from CA, Castle Rock, Cisco, HP/Compaq, IBM, IP Switch, Solar Winds, Somix.
- HP OV NNM V 3.3 to 7.01 on Windows, HP/UX, Solaris and Linux platforms, Smart plug-ins and familiar with the developer tool kit. Castle Rock SNMPC, Cisco Works, Compaq Insight Manager, Tivoli, and Net view, Logalot, Denika, and various open source products like MRTG etc.
- Various MIB tools like mib surfer . mibwalk .Mib browser,
- Microsoft ISA Server, Apache, SQL/ MySQL servers
- Setup & configuration, troubleshooting, advanced functionality of Active Directory services
- Novell NetWare ver. 3/4/5/6
- Novell Border Manager, GroupWise, Managewise, Zen works, NFS Services, SAA, eDirectory, and Directory Services (advanced NDS implementations)
- GroupWise – messaging, doc. mgmt, and scheduling
- Microsoft Visio - Network & Systems diagrams
- ArcServe Backup software for Windows, Netware and Unix
- Veritas Backup Exec for Windows and Netware Servers
- Mapics Extended Edition for the iSeries ERP software with 21 Management Modules
- PTC ProEngineer
- AutoCAD

**Other**

- Design, justify, implement and maintain all technology purchases
- Develop & implement disaster recovery plans
- Excellent verbal and writing skills
- Project management

**Project -  
Portfolio****NMS Design Architect (as Y1 consultant)  
(Company desires not to be publicly disclosed)**

Did a detailed evaluation to choose the NMS platform suitable for this company

Create list of network devices and servers that need to be monitored (approximately 600 interfaces on 150 devices )

Installed centralized log management system using Logalot from Somix Technologies Inc.

Create database to hold Windows Event logs, Syslog, SNMP Traps and SMTP Email alerts.

Generate time based reports and graphical trending

Create Security and NM policy, Security policy includes Admin log on /offs, , audit change policy , log on log off failures, Process tracking , File object access, intrusion events from Servers in DMZ, integrate events and traps from Cisco IDS , events and traps from PIX firewall,

Create Auditing Plan to audit various Server and Network device access and changes.

Created Alert escalation policy,

Create solutions and develop processes for day-to-day operation of a Network Management team.

Test for anomalies between NMS and vendor devices. Develop workarounds, investigate and install OS patches and upgrades.

Develop operational processes and troubleshooting guides.

Develop solutions for anticipating growth requirements of Network management systems as well as design and maintenance of a growing infrastructure IP network.

Installation, configuration, and procedural documentation for NMS applications.

**NMS Appliance development for NDA Company as Design Architect**

Design Architect for an NDA company developing a black box appliance to monitor and proactively manage networks using SNMP, SYSLOG or other forms of alerts that allows administrators to centralize events and create policies that trigger notifications when certain events are processed. The designed system has features to minimize install and change process with near zero maintenance by client administrators and users.

Evaluated, installed configured and managed test beds of HPOV NMS V 6-7, Windows Servers and Workstations and Unix platforms, CA, Somix to position the new NMS appliance in the right market place.

**NMS Design Architect (Y1 consultant) at Siemens ILG**

Developed a comprehensive Network management plan for Siemens for various Public Transit authorities across United States. The design plan covered elaborate network management systems to monitor and alert faults and events from various network, systems and other dry contact components used for the functioning of the transit authority. A comprehensive plan was developed to integrate each individual Transit Authority manager to report to a centralized “manager of manager” at Siemens.

Helped Siemens develop a business plan to be a Centralized NOC for the various Transit authorities.

Used SNMPc as the individual site manager, SNMPc design to be reported back to a central management platform using HP OV. The alarms to be monitored were created via script on site that reported to SNMPc and were then forwarded on to a Centralized NOC. The concept of the design as an add-on service for periods of low staffing or overnight operation with predefined monitored events as the primary subject of monitor/alarm notification.

**CIVCO Medical Instruments - Information Systems Manager**

Developed and implemented a network management plans for a robust and growing medical device manufacture. Management elements included WMI, SNMP, and Compaq Insight Manager and HP OV. Managed servers, workstations, AS/400’s, Cisco routers, Mitel phone switches, 3Com switches, and several SGI Workstations.

Implemented action plans for predetermined failures.

Created an event correlation scheme to alert unplanned events.

Tested NMS implementation and confirmed desired results.

**United Way of America - DC**

Used in place assets to determine cause of network failures and recommend solutions. Travel to branch office locations in 15 states as required, to overcome failures and recommend solutions. Implement suggested changes to bring networks and systems back online,

**MCI Consumer Markets – IA**

Used NetView and OV to understand network traffic and congestion patterns.

Implement SNMP Scheme to manage servers and network equipment to minimize downtime .

**Experience**

**Carez, Inc.** IA 2001 to Present

Independent contracting providing experience of technical design and assistance to small to medium businesses. Ongoing projects consultant for Y1 Solutions as NMS design architect, and network/system management implementation Engineer for various large clients.

Design, justify, implement, and manage upgrades and migrations of Windows, UNIX, and Novell infrastructures with cost-effective IT solutions. Includes training users on new and upgraded systems, responding to and resolved technology events, managing projects from definition through

completion

**CIVCO Medical Instruments Co., Inc.** **IA**

**Manager of Information Systems** **1995-2001**

Designed and implemented a heterogeneous network at CIVCO Medical Instruments including integration with the following operating systems Microsoft Windows 95/98/NT 4.0/2000/XP Workstation/Server IBM AS/400 with Mapics XA, CISCO routers and switches, Novell Netware, Groupwise, Border Manager, Managewise / Zenworks, NFS Services. Developed a comprehensive strategy for network management using the state of the art tools including HP openview.

**United Way of America** **Washington DC**

**Consultant for IBM systems** **1995-1999**

Responsible for technical support and implementation of network management system of United Way of America's Campaign Management Systems. These systems were developed to run on the IBM System 36 and AS/400. I was charged with going to any site that had completely exhausted any and all resources to resolve problems with their systems. Extensively used HP OV, IBM NetView and Tivoli management tools and trending simulation tools to identify bottlenecks and suggest solutions.

**MCI Consumer Markets** **IA**

**LAN Manager** **1992-1994**

Developed a migration plan and hardware installation plan to migrate 700 IBM Info terminals to PC based workstations. We implemented a shared network environment that supported access to multiple mainframes and midrange computing resources including real-time screen-pop from the Call Center applications. Locally at each center we had 15 to 20 servers installed to support 300 to 500 workstations running a 24X7 X 365 call center. Deployed a call center application to support a nationwide marketing campaign to decrease the installation time of new customers and product add-on's. Served on new software development advisory committee to add features to the call center application and track customer requested changes. Three time President Club Award winner.

**Kirkwood Community College** **IA**

**LAN Instructor** **1991-1992**

Developed a course on Local Area Networking and implemented the course. I taught the first three semesters of the course to an average of 25 students per semester.

**1978-1992 Various Information Systems** positions details provided upon request.