Manages 750 devices & 43K interfaces with a smile

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Data Sheet

OpManager Enterprise Edition

An enterprise-ready, unified network management solution

Who needs unified
network management?

Managing distributed large enterprise network that spans across multiple cities and countries is both, complex and challenging.

Decentralizing IT would often resort to region specific and home grown tools, leading to non-interoperability between various solutions and resulting in loss of visibility and control on the overall network.

If you are responsible for managing such a network then your foremost priority would be to unify the IT infrastructure management that helps you gain the visibility and the control, back.

What good
can it do for you?

Besides reduced administrative overheads and Total Cost of Ownership (TCO), a unified solution for distributed network management will help you

- Facilitate instant incident response by propagating a single alarm console across IT infrastructure

- Make more informed IT decision through consolidated reports across the IT viz. optimizing the resource utilization through virtualization, moving to a private/ public cloud, consolidating datacenters & more.

Traditional options
cost a million a year!

Traditional frameworks are cost-prohibitive and typically have longer ROI period. Further, they are not intuitive enough for the IT teams to get hands-on without consultants help, and often end up being underutilized.

The new alternative
that everyone is talking about

OpManager enterprise ready network management solution provides a state-of-the-art, unified approach to scale and manage distributed IT infrastructure. It inherits the wide spectrum of functionality from the base product to manage diverse set of devices. In addition to all this, the enterprise network management solution offers:

- A scalable central probe architecture that's capable of monitoring over 50,000 interfaces or 5,000 nodes/ devices

- A centralized console to propagate network events and performance data across remote sites

- A reliable network management with High Availability engine and assured data integrity with local database support

- A secured and less bandwidth intensive communication engine that's designed to adapt to every enterprise network

- An architecture that breaks the language barriers for enterprises spread across multiple national boundaries

- A dynamic design that lets you scale on-the-fly from standalone OpManager to enterprise edition and gain unified visibility and control across your network

- An easy-to-deploy solution that starts managing your IT network instantly with device/ interface and service monitoring templates, global event log/ syslog and SNMP trap rules and Quick configuration wizards

- A valuable solution that reduces Total Cost of Ownership (TCO) with lesser datacenter footprints and stimulates quick Return Of Investment (ROI)

OpManager

CENTRAL SERVER

A sturdy architecture
for every large enterprise network management

The core of OpManager's unified network management is, a bottom-up approach where the probe does all the network facing activities and the gathered data is sent to the central server to facilitate principle NOC administrators. The central admins can further initiate alert actions and analyze performance usage and trend over the collected data across multiple remote sites. Further, as an effort to house the emerging network management needs, a standalone instance of OpManager can be upgraded to act as a remote monitoring probe on-the-fly at any point of time.
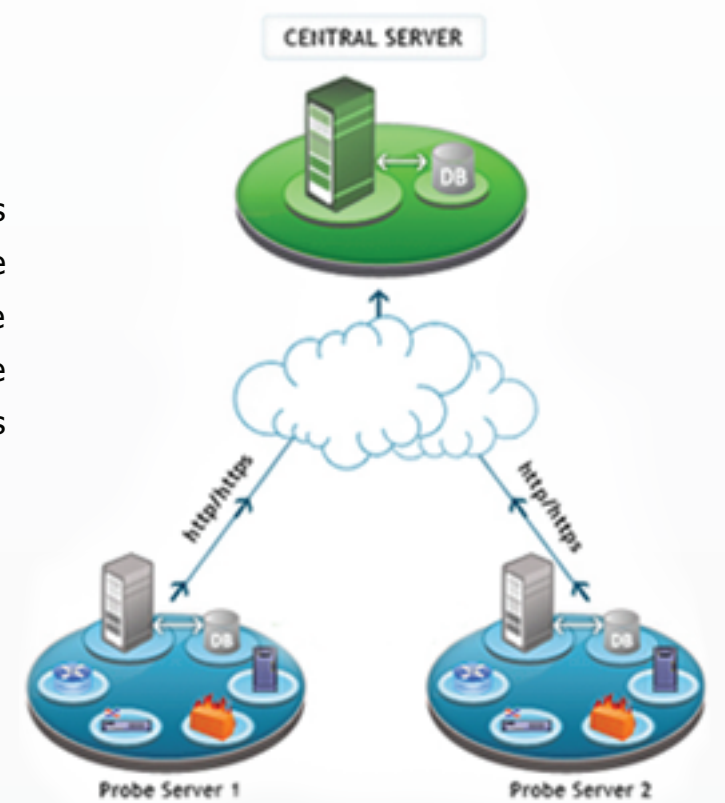
Key highlights of our
Architecture

- The remote probe acts as the local network management controller with exclusive database.

- The communication engine is capable of transmitting data over internet/ corporate WAN link across firewall or proxy server.

- A stress-free data transmission from the probe server that pushes only refined performance and network events data to the central server.

- A unified network management central console that propagates network events and performance data across remote sites.

- The state-of-the-art probe communication engine that lets you break the language barriers. For instance, the IT team can have a probe in Spanish or Portuguese to communicate to the central server which is running in English.

Scales to your need
without depleting the datacenter capacity

Huge volume of data and large number of devices to manage is a common trait of any enterprise network. The remote management probes play a vital role in sharing such load across multiple probes besides managing multi-site networks.

- Each remote probe is built to manage 10,000 interfaces or 500 devices/nodes comfortably

- The central server manages over 10 remote probes and scales up to 50,000 interfaces or 5,000 devices easily

As a result, the scalable probes and central server helps you manage lesser datacenter footprints reducing the cost of ownership and maintenance.

Reliable design
that stays up and running 24x7

The key to preserve a healthy service delivery in an enterprise network is to monitor and manage the network 24x7. To stay protected against any unexpected outages or failures, the remote monitoring probes are

- Supported with hot-standby engine with failover-failback mechanism.

- Designed intelligently to archive the collected data when there is a connection loss between the central and probe server. As soon as the connection is re-established, the archived data is instantly sent to the central server.

This gives you the confidence that your network has uninterrupted monitoring and is therefore available and performing as it should be.

Network management software trusted by over
10,000 enterprises & 1 million IT admins across 100 plus countries worldwide

Monitor, Visualize, Alert & Remediate
every underlying IT infrastructure device

OpManager is designed from its inception to manage heterogeneous multi-vendor infrastructure with support for a wide range of industry standard protocols and out-of-the-box templates, making it more agile and adaptable to every enterprise IT network environment.

MANAGE	VISUALIZE	ALERT / REMEDIATE
Monitor availability, performance and analyze traffic	Maps (Topo maps, Google maps, Business views,) & Dashboard	Alerting (Email, SMS, RSS feeds, Web Alarms)
Fault and events	Performance trends, Incident & Root cause	Fault Remediation - Scripts/ Workflow automation
Network change and configuration	Network compliance violation	Schedule workflow driven automation

SERVICES/ APPLICATIONS - MS Exchange, SQL & AD, TCP or Win Services, URLs, Scripts

VIRTUAL SERVERS - VM ware ESX/ ESXi and MS Hyper-V

**PHYSICAL SERVER -** Windows, Linux, HP UX, IBM AIX, Solaris

SERVER HARDWARE HEALTH - IBM, HP and Dell Servers

NETWORK (MULTI-VENDOR) - Routers, Switches, Firewalls, Access Points, WAN Accelerators

ENVIRONMENT - UPS, Power, Sensors, Air Conditioners & Racks

OpManager provides simple and scalable network management solution that offers advanced fault and performance management functionality across critical IT resources viz. Routers, Switches, Firewalls, WAN links, VoIP call paths, Physical servers, Virtual server (VMware/ Hyper-V) and other IT infrastructure components. Functionality such as network topology maps, dynamic custom maps, flow-based traffic analysis, essential applications monitoring (Exchange, SQL and Active Directory, Windows Services, Services, Processes, File/ Folders, Scripts, URLs, Event Log, Syslog, SNMP Trap processing & more…) and real-time alerts (Email, SMS, RSS feeds, Dashboards & Web Alarms) gives a 360 degree view of your complete IT infrastructure health. In addition, the modules like IT Workflow automation, network change configuration and compliance management and a wide collection of troubleshooting tools comes handy in facilitating faster incidents identification and resolution.

OpManager improves IT efficiency, reduces manual errors by automating repetitive tasks, aids speedy troubleshooting across enterprise network, and lowers the operations cost to deliver an enterprise-class network experience to the end-users.
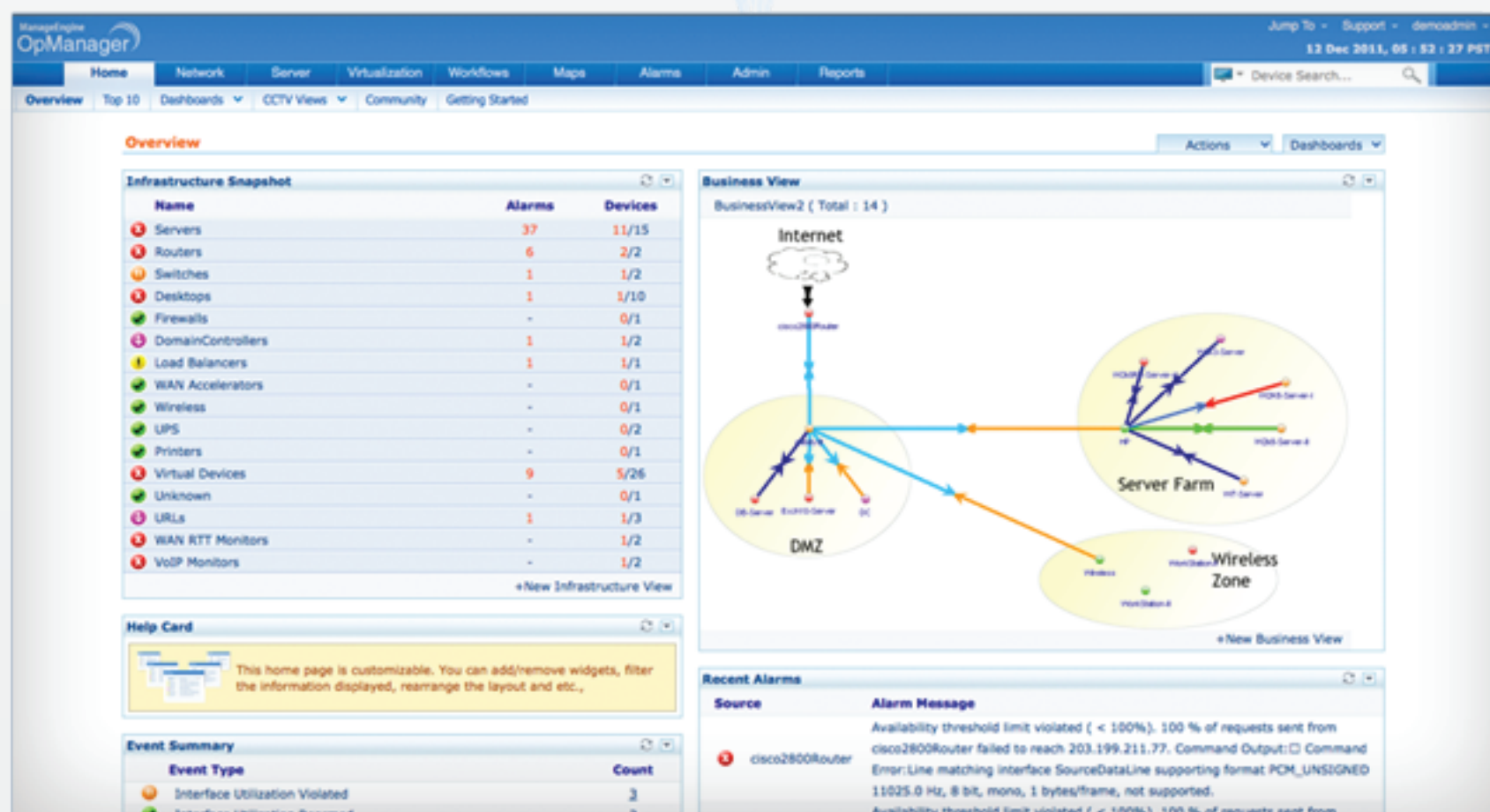
OpManager

System Requirement at-a-glance for both Central and Probe server

▶ **Supported Platforms:**

Windows® 2003 or 2008 64 bit OS

Red Hat Enterprise Linux® 4.0 & above

CentOS 64 bit

Any Linux distribution with glibc >= 2.3 and X libraries installed
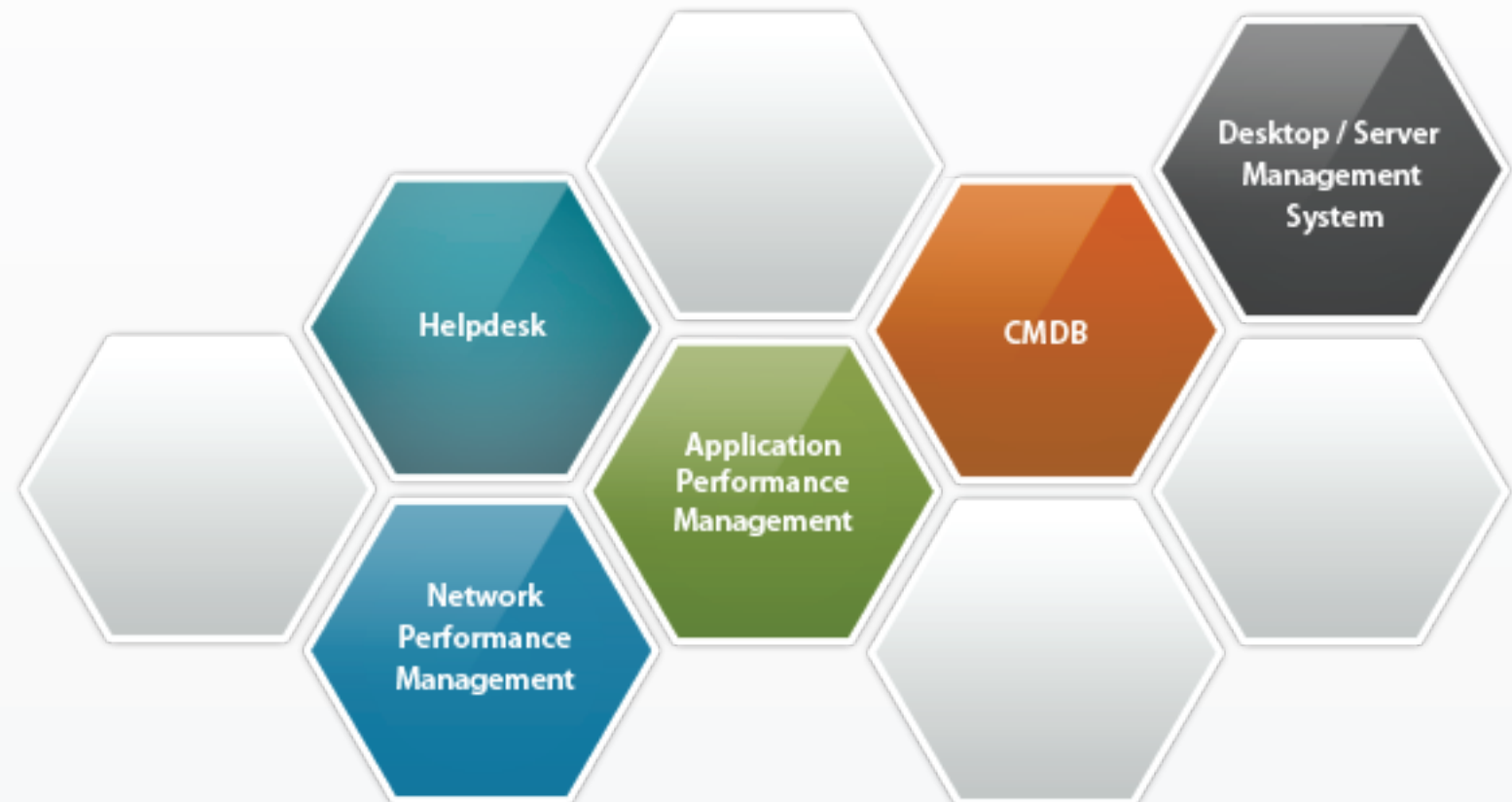
▶ **Processor: 1 x Intel Xeon Quad Core 3.5 GHz**

▶ **Memory or RAM: 4 GB or above**

▶ **Free Hard disk space: 80 GB or above**

▶ **Database: MySQL (Bundled) or MS SQL 2000/ 2005/ 2008**

Integrates well
with your existing IT management ecosystem.

Extend the capabilities of OpManager and integrate seamlessly with third-party solutions using the REST API.

- Trigger an OpManager action viz. add/ delete a device, associate notification profile to device, create an event, add user & lots more...

- Refer to the network performance status from any intranet/ internet sites, by embedding OpManager widgets and dashboards.

In addition to the API, OpManager integrates with other ManageEngine's IT management solution such as:

- ServiceDesk Plus: An ITIL ready helpdesk and asset management software
- Applications Manager: For in-depth application performance management
- Firewall Analyzer: For datacenter network and server traffic analysis

Quick to deploy;
as simple as 1-2-3

Deploying OpManager is pretty straight-forward and takes less than an hour to setup.

It automatically discovers the network, maps them to the appropriate category, associates predefined monitors and starts monitoring them right away.

For the enterprise edition, an admin has to just

1. Point the central server instance during the probe installation
2. Add device credentials and discover the network
3. Ensure proper thresholds are configured to the device monitors, which can again be pushed to multiple devices in one-shot using templates and wizards
4. Create Notification profiles and associate them to individual or bulk of devices at once

There are over 100 out-of-the-box reports that can even be scheduled to be emailed periodically.