

Brochure

infraon IMS is a Unified IT Infrastructure Management Solution that helps Simplify Network & Systems Management by Monitoring, Managing and Optimizing System Performance and Availability across Heterogeneous IT Environments. infraon IMS is enterprise- Proven and ensures smooth running data- centers both on-premise as well as on cloud.

Highlights

- Easy Adaptability to New Devices / Apps / Changes
- User-Friendly Diagnostic Tools
- Secure Control of IT Infrastructure
- Automate Business-Critical Transactions
- Scalable Architecture

Features

Extensibility

- XML Web Services API
- CORBA
- Protocol plug-ins
- Discovery plug-ins
- New Vendor plug-ins
- Notifications plug-ins

Network Monitoring



Automatic Scanning of Network Devices via multiple protocols. Vendor-agnostic approach to monitor parameters like Device Availability, Link Availability, Bandwidth Utilization, Rx, Tx etc. directly as well as through user-created VLANs, QoS parameters like Jitter, Latency and Packet Loss for data, voice and video services. Numerous data representation for availability tracking of Primary & Secondary ISP links and critical links like MPLS, P2P, LL etc. via flexible dashboards and reports.

Features

Application Monitoring



Monitor individual applications with respective application specific important parameters. Supports Email applications like Exchange, Notes, Zimbra, Dominos, etc; Web Servers like Apache, Tomcat, IIS, etc; Application Servers like JBOSS, J2EE, Oracle WebLogic, IBM WebSphere etc. Enhanced End-User experience with direct access to pages and views for specific applications being monitored.

Database Monitoring



Direct view of each database element performance from browser and monitor instances on both virtual and physical servers. Light-weight and agentless technique to optimize performance with response-time and transaction based analysis for MSSQL, MySQL, Oracle, PostgreSQL and IBM DB2. Instant detection of database outages, failures, and table corruption as well as predictive assay of storage requirements and index performance.

Virtualization Monitoring



Manage hosts & guests and workloads with automatic discovery of pools, hosts, host CPUs, etc. Monitor key parameters of Host like CPU Cores, Memory, VMs running, etc and VM key parameters like CPU, Memory and Disk Usage, etc. Tracing of VMs across host servers. Supports VMware ESX/ESXi, Microsoft HyperV, Citrix XenServer and Linux KVM.

Topology Mapping



Automatic Detection of Network Topology via L2, L3 protocols and projection of the data in Diagrammatic View with easy color-coded status. Representation of the mapped data can be displayed through Flat Network View as well as Geo Maps. Simulate Datacenter architecture on a Live Dashboard using the Network diagram drag-and-drop tool.

Server Monitoring



Ensure optimal performance of servers from all vendors including Dell, IBM, HP, Fujitsu etc. running on any OS like Windows, Linux, Solaris, AIX etc. Granular level analysis and tracking of individual processes & services running on each servers to track performance issues. Server specific overviews for key parameters like CPU, Memory, Disk & HD Utilization, Server Health, etc.

Features

Service Desk



An ITIL v3 based engine fully packed with features like Business Rules, Data Archiving, Knowledge Base, Ticket Notification, Help Desk Reports and critical processes including Change, Incident, Problem & 24X7 SLA Management, Service Catalog and CMDB. Queue based dynamic workflow with multi-department support.

Business Process Monitoring



Monitor critical business processes & IT services by breaking them into granular components and defining logical groups for the same. Manage Internet, Intranet, Proxy and Email service to ensure improved MTTR and minimize application failures through quick root cause analysis and intelligent event processing.

Service Level Agreement



Intelligent SLA monitoring through proactive violation alerting and comprehensive reporting. Resource level SLA specification and support for multiple SLA templates. Option to choose from the default templates to maintain service policies. Separate specification for Outage, Business Hours and Holidays. Enable SLA Timers to prevent unnecessary escalations.

Cloud



- AWS, Azure
 - Cloud Services Monitoring
 - > Virtual Machine
 - > Storage, Database
 - > Microservices
 - Pricing Report

Configuration Management



Manage configurations for routers, switches and other network devices of any vendor. Scheduled Backup and Baseline Tagging of Device configurations. Simplified Change Management through Comparison reports with color-code highlights, Instant notifications, approval settings.

Features

Asset Management

- Asset Management
- IP/ Non IP Assets Monitoring
- Software Management
- License Management
- Inventory Audits Reporting



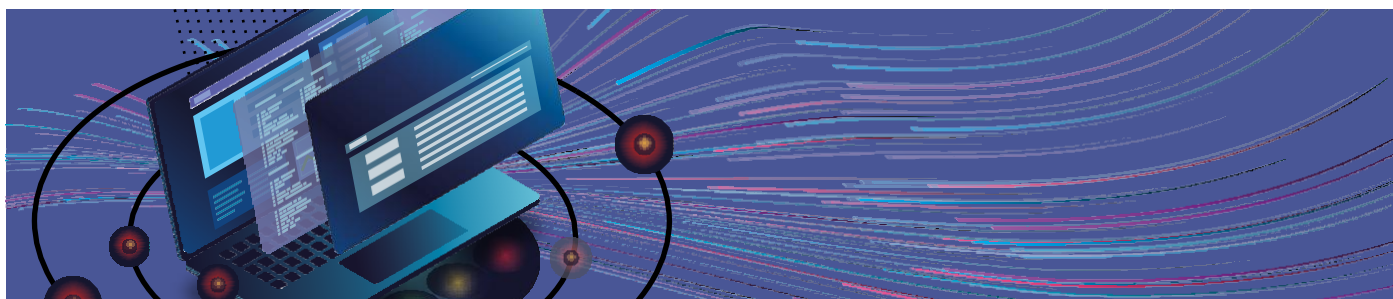
SDN

- Monitoring of SDN Infra
- SDN Traffic Monitoring



Hypervisors

- To Include - HyperV
- Protocol : IPV4 and IPV6



Default Capabilities

- ✓ Scheduled and Bulk Discovery
- ✓ Business Views & Live Maps
- ✓ Real-time / Offline Reports
- ✓ Dashboards with Configurable Options
- ✓ Network Diagram
- ✓ Email, SMS, SNMP Trap, Beep Alerts, etc
- ✓ In-Built Diagnostic Tools
- ✓ Multitenancy & Role-Based Access Capacity
- ✓ Planning & Dynamic Thresholding PDF,
- ✓ Excel, CSV Export options

Discovery Protocols

Dual StackIPv4, IPv6	
Standard Monitoring	SNMP v1 / v2c / v3 WMI, SSH, ICMP
Topology Monitoring	LLDP, CDP, NDP, STP, etc
Application Monitoring	HTTP, HTTPS, SMTP, FTP, POP3, NTP, etc TCP, UDP
RF & SCADA	Serial RS232 / 422 / 485 Modbus TCP / RTU, BACnet

Everest Know How

Differentiators

Customized Reports & Dashboards,
 Totally Web-based & Agent-less, Flexible,
 Scalable & High Availability, Service level
 SLA monitoring, Multiple Topology Views,
 Dynamic Thresholding

Industry Proven

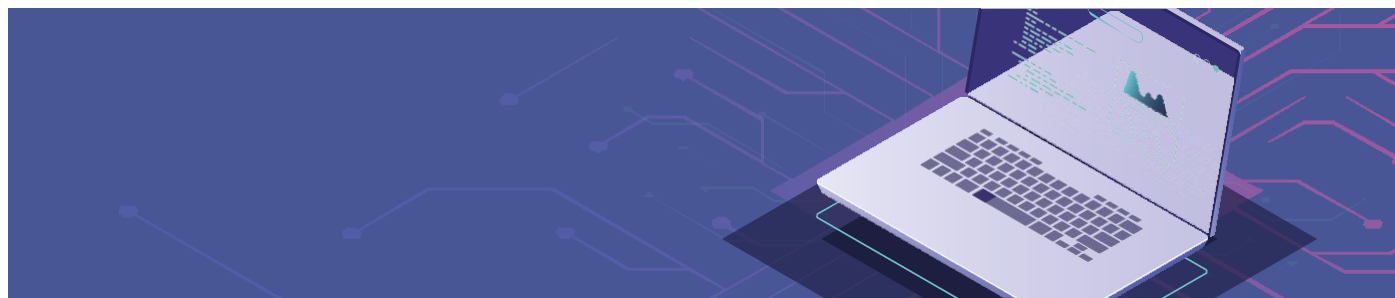
Managed 10,00,000+ Devices, Easy 3rd
 Party Integration, Global and Indian
 Customer Footprint, infraon IMS being
 used by the Top 5 Asian Telcos, Approved
 by Indian Defense

Benefits

Option of 8x5 and 24x7 Local
 Support, Simplified licensing
 structure across On-premise
 and Cloud Environments,
 Unified dashboard for IT &
 non-IT device Monitoring

Key Market




Manufacturing, Healthcare, Banking
 & Finance Service Industry,
 Telecom & Internet Service
 Providers, Retail, Small & Medium
 Enterprise, Government & Defense,
 Media, IT/ITES



Minimum System Requirements

CPU	Quad Core 2 GHz or 2vCPU
Memory	4 GB
Hard Drive	20 GB
OS	CentOS 7 and above

Deployment Architecture

	Standalone Architecture
	Distributed Model
	High Availability Model

*** Please contact our Pre-Sales team to get the exact specifications for your POC / Deployment ***

Licensing

infraon IMS has a simple device-based licensing model wherein the cost of monitoring a single router, switch, firewall or server is the same. The base pack includes fault & performance monitoring of devices bundled with topology mapping, reports, dashboards and notifications. Users also have the option to purchase certain add-on modules for additional features including Network Device Configuration Management, Application & Database Monitoring, Syslog Monitoring, Service Desk, etc.

MODULE NAME	BASE PACKAGE	ADD-ON LICENSE
Topology Discovery	✓	
WMI, SNMP, SSHMonitoring	✓	
Performance Scan	✓	
Alarms & Notifications	✓	
Reports & Dashboards	✓	
Live & Static Maps	✓	
Business Specific Views	✓	
Network Diagram	✓	
SLA Management	✓	
Basic Inventory Management	✓	
Syslog Monitoring		✓
Application Monitoring		✓
Database Monitoring		✓
Virtualization Monitoring		✓
QoS Monitoring		✓
Configuration Management		✓
Traffic-flow Monitoring		✓
WiFi Monitoring		✓
CCTV Monitoring		✓

Minimum System Requirements

(for VM as well as Physical Server)

CPU	Quad Core 2 GHz or 2vCPU
Memory	4 GB
Hard Drive	20 GB
OS	CentOS 7 and above

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EverestIMS Technologies India Pvt Ltd (Everest), is an Indian product company. With a rich market experience in the I&O space, the company has built a widespread presence across the country through its product portfolio. Having a mixed team of industry veterans in its management board, the company's vision is to satisfy the dynamic requirements of varied organizations by providing them with modern-day tech-savvy IT tools, and to become an efficient enabler in the digital ecosystem. The organization specializes in providing integrated IT solutions to empower corporations and enterprises for the delivery of enhanced services to their end-users.

Here, at EverestIMS we believe in making innovative solutions matching the latest technology trends. At the same time mould the existing products with superior tech practices so that we are able to provide top-class end user experience to all our clients. All R&D and Support Services are offered locally within India.

The young team of EverestIMS takes pride in building technology-driven industry standard products to provide a solution truly tailor-made for your business. EverestIMS Software solutions are being used by customers across BFSI, Telecom, ISP, Government, Defense, Manufacturing, HealthCare and Hospitality verticals with deployments of 1 Lakh nodes and beyond.

Contact Us

Bangalore

No. 14, Axis One 4, 3rd Floor,
15th Cross, 100 Feet Ring Rd, JP
Nagar 4th Phase, Bangalore –
560078, Karnataka, India

Tel: +91 80 46567100

Mumbai

108, 1st floor, Bldg. 2(A-3),
The Millennium Business Park,
Mahape, Navi Mumbai-400710

Tel: +91 22 41270170

For additional information

 +91-80-46567148

 marketing@everest-ims.com

 www.everestims.com