

Creating transformational impact with
measurable outcomes



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

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.

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.

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.

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.

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-coded highlights, Instant notifications, approval settings.

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.

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.

Cloud

- AWS, Azure

Cloud Services Monitoring, Virtual Machine, Storage, Database, Microservices

- Pricing Report

Features

Asset Management

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

Hypervisors

- To Include - HyperV
- Protocol : IPV4 and IPV6

SDN

- Monitoring of SDN Infra
- SDN Traffic Monitoring

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
- ✓ Multi-tenancy & Role-Based Access Capacity
- ✓ Planning & Dynamic Thresholding
- ✓ PDF, Excel, CSV Export options



Discovery Protocols

Dual Stack IPv4, IPv6

Standard Monitoring

QSNMP v1/v2c/v3 WMI, SSH, ICMP

Topology Monitoring

LLDP, CDP, NDP, STP, etc

Application Monitoring

QHTTP, HTTPS, SMTP, FTP, POP3, NTP, etc TCP, UDP

RF & SCADA

Serial RS232/422/485 Modbus TCP/RTU, BACnet

Deployment Architecture

Standalone Architecture

Distributed Model

High Availability Model

Highlights

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

Extendibility

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

Our Expertise

Differentiators

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

Industry Proven

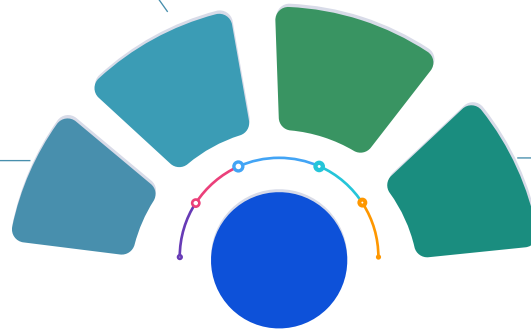
Managed 10,00,000+ Devices, Easy 3rd Party Integration, Global and Indian Customer Footprint, Infraon IMS being used by the Top 5 Asian Telcos, Approved by Indian Defense

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 Markets

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
Hard Drive	20GB
OS	CentOS 7 and above

❗ 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 Package
Topology Discovery	✓	
WMI, SNMP, SSH Monitoring	✓	
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		✓
Wi-Fi Monitoring		✓
CCTV Monitoring		✓

Minimum System Requirements

(for VM as well as Physical Server)

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



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About EverestIMS

EverestIMS Technologies Pvt. Ltd. (Everest) is a leading software company – offering IOTM, AIOps and Telecom OSS solutions. Backed with rich market experience in the I&O, AI, IoT, and digital transformation space. We have widespread global footprints through our focused product portfolio.

We specialize in providing integrated IT solutions, IT operations, and IT infrastructure to empower corporations, enterprises, and telecoms to deliver future-ready services to end-users.

Our goal is to ensure that they adapt and stay competitive in evolving digital landscapes.

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