

Everest is a complete end-to-end IT infrastructure management solution that helps to simplify network and systems management by monitoring, managing and optimizing system performance and availability across heterogeneous IT environments. Everest provides deep insight into information that allows management to make decisions which affect the bottom line and strategic business future of the enterprise.

### Powerful IT Infrastructure Management Facilities

- ✍ Fault Management
- ✍ Performance Management
- ✍ Infrastructure Management
- ✍ Server Management
- ✍ Service Management
- ✍ Database Management
- ✍ Application Management
- ✍ Netflow
- ✍ Distributed Deployment

### Enhanced Content-Rich Views

- ✍ Overview
- ✍ Alarms
- ✍ Events
- ✍ Traps
- ✍ Syslog
- ✍ IP View
- ✍ Resource
- ✍ Performance
- ✍ Node View
- ✍ Multi-level network representation with drill down options
- ✍ Multi-level business views

### Robust Discovery of Resources

- ✍ Topology Discovery
- ✍ Scheduled Automatic Discovery



- ✍ Protocols Supported
  - SNMP v1, v2c and v3
  - WMI
  - Netflow
  - RMON
  - Syslog
  - HTTP, HTTPS
  - FTP
  - SMTP, POP3
  - Trace route, ping
  - CDP
  - NDP
  - Spanning Tree
  - MPLS proxy ping
  - Cisco SAA

### Immediate Fault Detection and Communication

- ✍ Polling and trap based alarm detection
- ✍ Resource/statistic level multi-threshold configuration support
- ✍ Hold time support for alarm creation & removal
- ✍ Multi-level severity support
- ✍ Integrated correlation mechanism for identification and presentation of root cause and dependant alarms
- ✍ Instant diagnosis options - SNMP walk/trace route/ping
- ✍ Support for adding comments and building internal knowledge base
- ✍ Multi-mode notification (SMS, e-mail, batch, syslog, SNMP trap, beeper, XML, etc.) and multi-level escalation support
- ✍ Support for notification by time selection and by node grouping
- ✍ Extensive filtering and alert options

# Everest

- ✍ Maintenance of historical events with filter options
- ✍ Support for audit trail
- ✍ Syslog management with extensive filtering and alert options

## Monitored Performance Statistics

- ✍ Network Availability
- ✍ Application Availability
- ✍ Resource Availability
- ✍ Database Availability
- ✍ Network Utilization
- ✍ Network Throughput
- ✍ Error Traffic
- ✍ Overflow traffic
- ✍ CPU Utilization
- ✍ Disk Utilization
- ✍ Memory Utilization
- ✍ Buffer Overflow
- ✍ Latency
- ✍ Packet Loss
- ✍ Jitter
- ✍ Ping Response Time
- ✍ Web Response Time
- ✍ DNS Response Time
- ✍ Email Response Time
- ✍ FTP Response Time
- ✍ TCP Response Time

## Supports WAN Servers Applications and Services

- ✍ Network devices
  - Switches (CISCO/Avaya/Juniper)
  - Routers (CISCO/Avaya/Juniper/Alcatel)
  - Foundry
  - Printers
  - Power backup devices
- ✍ Servers
  - Windows
  - Unix
  - Linux
  - Solaris
  - MySQL server
  - MsSQL server
  - Novel netware
  - Radius server
  - IIS server
  - Apache server

- Domino server
- Oracle server
- AIX server
- DNS, SMTP servers
- ✍ Applications
  - Domino Lotus Notes
  - MSSQL DB
  - Oracle DB
  - Apache
  - ASP
  - IIS
  - Exchange
  - AIX
  - DB2
  - U2
  - Netware
  - Gateway
  - Firewall
  - Foundry
- ✍ Services
  - DNS
  - Everest
  - HTTP
  - FTP
  - IMAP2
  - Jboss
  - MsSQL
  - MySQL
  - Oracle
  - NFS
  - NTP
  - NNTP
  - POP2
  - POP3
  - Radius
  - SAP
  - SMTP
  - SNMP
  - SSH
  - Syslog
  - Telnet

## Flexible, Customizable Reports

- ✍ Highly informational pre-configured Reports
- ✍ Strong, highly configurable, Reporting Module
- ✍ Multiple sub-reports comprised within a single report
- ✍ Option of generating multiple reports in parallel for comparison and analysis

# Everest

- ✍ Make run-time changes to report specifications
- ✍ User specific access to reports
- ✍ Scheduled automatic Reports directly sent by the system
- ✍ Report copying

## Remote Monitoring

- ✍ Distributed multi-location monitoring with inbuilt replication
- ✍ RMON

## Service Assurance

- ✍ Resource level SLA specification
- ✍ Support for multiple SLA templates
- ✍ Option for specifying maintenance and business hours
- ✍ Option for predictive threshold setting with alert option
- ✍ Drill-down multi-level SLA summary
- ✍ Template-wise SLA summary

## Comprehensive Security

- ✍ Encrypted Password
- ✍ Role-based Access Privileges
- ✍ DES Encryption

## Personalized Accounts and Role Management

- ✍ Multiple Account Types
- ✍ Password Change
- ✍ User Preferences
- ✍ User Groups

## Data Loss Protection Flexibility

- ✍ Database Backup and Restore

## Enhanced File Format Support

- ✍ PDF Export

## Parameterized Data Filtering

- ✍ Navigation Panel
- ✍ Time Scaling
- ✍ Filter Options
- ✍ Advanced Search
- ✍ Configurable data storage & maintenance

## Summarized Software Configuration Details

- ✍ License Details
- ✍ Resource Details
- ✍ Process Details
- ✍ Thread Status
- ✍ Database Status

## Accurate and Attractive Information Displays

- ✍ Customizable Graphs
- ✍ Numerical Statistics
- ✍ Speedometers
- ✍ Donuts
- ✍ Data Tables

## User Friendly Diagnostic Tools

- ✍ PING
- ✍ SNMP Walk
- ✍ Trace Route

## Extendibility

- ✍ XML
- ✍ Corba
- ✍ Protocol plug-ins
- ✍ Discovery Plug-ins
- ✍ New Vendor Plug-ins
- ✍ New Standards Plug-ins
- ✍ Notification Plug-ins

## Help

- ✍ Online Help
- ✍ Tech Support Contact

## Future Enhancements

- ✍ Service Desk Management
- ✍ Network Configuration Management
- ✍ Inventory Management

## Internationalization

- ✍ Support for using Locale/Language based text

This datasheet provides a brief summary of Everest's features from a broad-based point of view. For more information and additional details about Everest, please contact us at.



### About DMX

Aspired to be a forerunning IT solution provider, DMX Technologies specializes in providing a wide range of digital multimedia solutions, network infrastructure and professional services to service providers, cable TV operators, broadcasters, media and entertainment corporations, mobile operators and enterprises. Established in 1999, DMX has built an extensive regional network in the Asia Pacific region, including Greater China, Indonesia, India, Korea, Malaysia and Singapore.

For more information about DMX Technologies, please visit:  
[www.dmxtechnologies.com](http://www.dmxtechnologies.com)

### HSBSoft Technologies Pvt. Ltd. (DMX Partner)

No. 517-520 Prestige Center Point, Cunningham Road,  
Bangalore 560052, INDIA  
Tel : +91 80 4113 1162 / 63 / 64, Fax : +91 80 2235 4952  
Sales : [sales@hsbsoft.com](mailto:sales@hsbsoft.com)

