

With a unified view of IT infrastructure in real-time and intelligent alerting, IT teams can now focus on business priorities

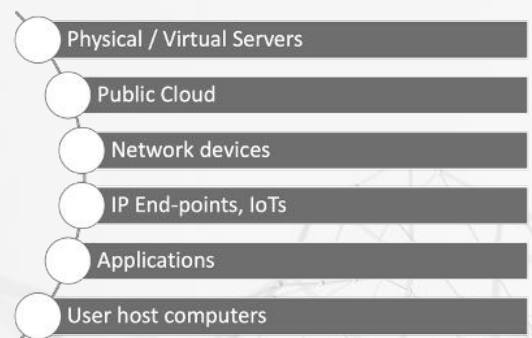
As digital businesses embrace digital transformation, a variety of newer technologies and paradigms are being adopted. IT teams face challenges in meeting their SLAs based on the performance, security and availability of such infrastructure, if their observability capabilities are not upgraded.

IT Teams also face challenges in managing multiple toolsets and getting the right expertise to manage diverse and dynamic requirements.

### KEY CHALLENGES

- **Managing multiple toolsets** - IT teams using multiple discrete tool sets are unable to get a unified view of the complete environment. IT teams' expertise and ability to manage across traditional as well as newer environments prove challenging.
- **Insufficient root cause analysis (RCA) capabilities** - Without accurate measurements and correlation of events with deeper RCA capabilities, higher mean time to repair (MTTR) leads to lower user satisfaction.
- **Support for hybrid IT environments** - With increased usage of private and public cloud, IT teams are often challenged to use separate tools for monitoring each of these environments.

Cloudmon ITIM is a unified proactive infrastructure monitoring and diagnostic solution for enterprises, that presents the live status of all infrastructure entities and provides comprehensive diagnostics information for troubleshooting.



Cloudmon ITIM is an award-winning product developed by Veryx. It has been named a representative vendor in 2023 Gartner Market Guide for Infrastructure Monitoring tools. Cloudmon ITIM was awarded the 2022 Product of the Year in Enterprise IT World CIO Select awards and 2021 Internet Telephony Product of the Year award.

## KEY USE CASES

- **Server Monitoring:**
  - Physical servers, virtual servers and Docker Host & Containers
  - Public cloud instances for health and performance
  - Monitor liveness, get notified on failures within 30sec
- **Network Monitoring:**
  - Network devices for health and bandwidth
  - Manage & Monitor network device configurations
  - Enable faster detection of network changes using SNMP traps
- **IP Endpoint Monitoring:**
  - WAN IP End-point for availability and network QoS
- **Application Monitoring:**
  - Availability of applications
- **Remote workforce device monitoring:**
  - Monitor health and performance of user devices (Desktop / Laptop)
- **Syslog Collection and Insights:**
  - Track user activity on the system, detect unauthorized changes to the system configuration, and audit user account access.

## KEY BENEFITS

- **Reduce Total Cost of Ownership (TCO)**
  - Lower support efforts and licensing costs of multiple tools
- **Improve Mean Time to Repair (MTTR)**
  - Quicker troubleshooting with diagnostic information, data correlation and historical trends
- **Intelli-alerts & Automated remediation**
  - Reduce IT operator fatigue and remediate potential disruptions before they affect users
- **Improve availability**
  - Pro-actively monitor network QoS of IaaS / PaaS / SaaS endpoints
- **Remote workforce productivity**
  - Monitor and troubleshoot remote user devices
- **Critical resource observability**
  - Ensure full visibility of critical resources
- **Optimize resources**
  - Key performance indicators (KPIs) help administrators to optimize infrastructure - without over- or under-provisioning

## KEY DIFFERENTIATORS

- **High Visibility Proactive Monitoring** - Get full observability of performance degradations with better root cause analysis (RCA) capabilities
- **Unified Visualization** – Review the status of physical servers, virtual workloads and networks in a unified dashboard
- **Cloud and Vendor Agnostic** – Monitor private and public cloud environments without dependencies on vendor specificities

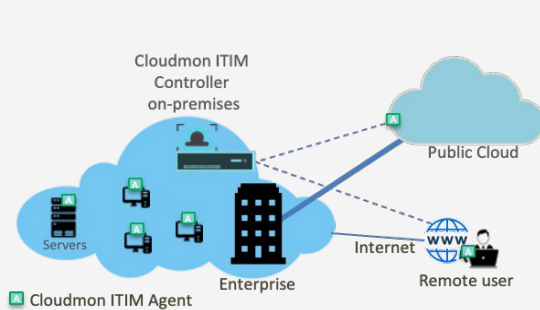


Figure 1: Cloudmon ITIM Controller deployed on-premises

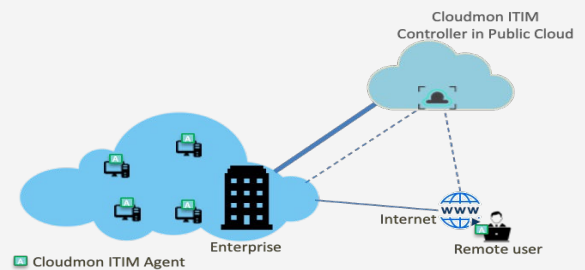


Figure 2: Cloudmon ITIM Controller deployed in public cloud

**Cloudmon ITIM** uses the following mechanisms to collect metrics and event information and push them to the Cloudmon ITIM controller:

**Cloudmon Probe** software to collect accurate measurements across the environment. Probe software runs in public cloud such as AWS or on customer provided x86 based server. Additional probes may be deployed for distributed locations.

**Cloudmon Agent** software is a lightweight executable that resides on servers and host computers for collection of system KPIs and health parameters.

**SNMP** could be used to monitor embedded devices such as servers, routers, switches, and IoTs without installation of Cloudmon agents.



Cloudmon ITIM controller works in public cloud such as AWS or may be installed on-premises on customer provided x86 based server. Cloudmon ITIM controller provides metrics related to server, VM, Dockers, network devices and the connectivity between them. It provides key performance indicator metrics and threshold crossing alerts on a unified dashboard. It also correlates the metrics and provides valuable inferences based on the correlation.

**Cloudmon ITIM All-in-One** includes both the Controller and Probe in one distribution.

With Cloudmon ITIM, IT administrators can confidently and efficiently monitor and diagnose network, and server performance. Cloudmon ITIM is the only tool that IT administrators really need to get a unified view of the data center and cloud infrastructure.

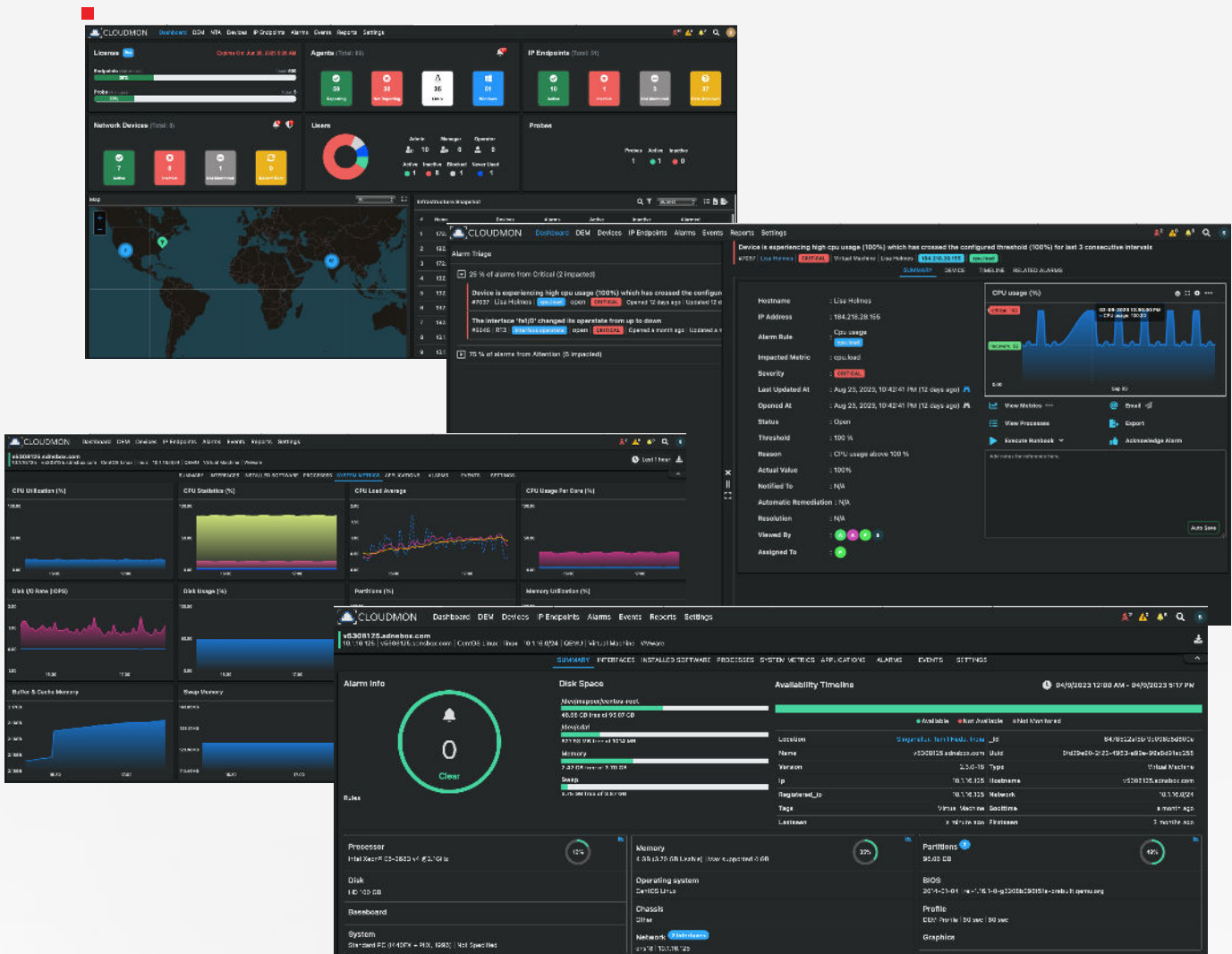


Figure 3 - Sample Cloudmon ITIM screens

Cloudmon ITIM is offered in three variants- BASIC (free), STANDARD and PRO as below:

| Features   | Basic | Standard  | Pro       |
|--|-------|-----------|-----------|
| Physical Server and desktop monitoring             | Yes   | Yes       | Yes       |
| VM monitoring                                      | Yes   | Yes       | Yes       |
| Public cloud (AWS, Azure, GCP) instance monitoring | Yes   | Yes       | Yes       |
| Network device monitoring                          | Yes   | Yes       | Yes       |
| Remote user device monitoring                      | Yes   | Yes       | Yes       |
| SNMP support for version 1, v2c, v3                | Yes   | Yes       | Yes       |
| Synthetic Network QoS monitoring (IPv4)            | Yes   | Yes       | Yes       |
| Intelligent alerting - noise reduction             | Yes   | Yes       | Yes       |
| Email notification                                 | Yes   | Yes       | Yes       |
| Report   | Yes   | Yes       | Yes       |
| SNMP Support for Host resource mib & Custom OID    | Yes*  | Yes       | Yes       |
| Network path trace                                 | Yes*  | Yes       | Yes       |
| Process monitoring                                 | Yes*  | Yes       | Yes       |
| Application package details                        | Yes*  | Yes       | Yes       |
| Automation of remediation                          | Yes*  | Yes       | Yes       |
| MS Teams notification                              | No    | Yes       | Yes       |
| Slack notification                                 | No    | Yes       | Yes       |
| SMS notification (Twillio)                         | No    | Yes       | Yes       |
| Zoho Desk Integration                              | No    | Yes       | Yes       |
| Custom Dashboard                                   | No    | Yes       | Yes       |
| Network Configuration Manager (NCM)                | No    | Yes+      | Yes+      |
| Syslog Analyzer                                    | No    | Yes+      | Yes+      |
| SNMP Trap Manager                                  | No    | Yes+      | Yes+      |
| Liveness   | No    | No        | Yes       |
| Multi-site (distributed)                           | No    | No        | Yes       |
| Docker monitoring                                  | No    | No        | Yes       |
| Synthetic Network QoS monitoring (IPv6)            | No    | No        | Yes       |
| Custom Webhook integration                         | No    | No        | Yes       |
| Multi-tenancy (MSP)                                | No    | No        | Yes       |
| LDAP/AD Integration                                | No    | No        | Yes       |
| Mobile application                                 | No    | No        | Yes       |
| Netpath interval (minimum)                         | 6h    | 30m       | 1m        |
| Polling interval (minimum)                         | 5m    | 1m        | 1s        |
| Reporting interval (minimum)                       | 5m    | 1m        | 1m        |
| Max. Probes  | 1     | unlimited | unlimited |
| Max. IP endpoints / Probe                          | 10    | 25        | 50        |
| User accounts (max)                                | 1     | 5**       | 5**       |
| Data Retention period (aggregated data)            | 1W    | 1M        | 1Y        |
| Max. entities                                      | 25    | License   | License   |

Note:

\* Features available for limited period of 30 days

+ additional license required

\*\* default, additional license can be purchased

## Workflow Integrations

### Alerting



Email



MS Teams



Slack



SMS

### Ticketing



Zoho Desk

### Mobile Applications



Android APP

## System Requirements

### Controller - System Requirements

Intel Xeon 2 cores / 4 threads or higher  
 OS - CentOS 7.9, x86-64bit  
 4GB RAM (recommended 8GB)  
 64GB SSD

### Virtual Machine installation

vCPUs - 4  
 OS - CentOS 7.9, x86-64bit  
 4GB RAM (recommended 8GB)  
 64GB SSD

### Probe - System Requirements

Intel Xeon 2 cores / 4 threads or higher  
 OS - CentOS 7.9, x86-64bit  
 4GB RAM  
 8GB SSD

### Agent - System Requirements

CPU: 64-bit processor  
 RAM: 128 MB of free memory  
 Storage: 200 MB  
 OS: Windows 10+, Windows server 2012+, Ubuntu, Fedora, CentOS, RedHat Linux, Suse Linux and more

Note:

These are minimal requirements, and could vary based on the number of IPs to be monitored. Refer Cloudmon ITIM System requirements for more information.



## ORDERING INFORMATION

### ■ PART NUMBER ■ STANDARD

|              |   |
|--------------|---|
| ITIM_STD_50  | Veryx Cloudmon ITIM Standard Infrastructure Monitoring up to 50 end points  |
| ITIM_STD_100 | Veryx Cloudmon ITIM Standard Infrastructure Monitoring up to 100 end points |
| ITIM_STD_250 | Veryx Cloudmon ITIM Standard Infrastructure Monitoring up to 250 end points |

### ■ PART NUMBER ■ PRO

|               |   |
|---------------|---|
| ITIM_PRF_250  | Veryx Cloudmon ITIM Pro Infrastructure Monitoring up to 250 end points  |
| ITIM_PRF_500  | Veryx Cloudmon ITIM Pro Infrastructure Monitoring up to 500 end points  |
| ITIM_PRF_1000 | Veryx Cloudmon ITIM Pro Infrastructure Monitoring up to 1000 end points |
| ITIM_PRF_2500 | Veryx Cloudmon ITIM Pro Infrastructure Monitoring up to 2500 end points |
| ITIM_PRF_5000 | Veryx Cloudmon ITIM Pro Infrastructure Monitoring up to 5000 end points |
| ITIM_PRF_XL   | Veryx Cloudmon ITIM Pro Infrastructure Monitoring unlimited end points  |

## FOR MORE INFORMATION OR TO SCHEDULE A DEMO CONTACT:

[sales@veryxtech.com](mailto:sales@veryxtech.com) or any of our authorized resellers.

### About Veryx Technologies

Veryx Technologies is a provider of innovative network visibility, monitoring and security solutions for enterprises, network service providers, cloud service providers, and network equipment vendors. Veryx offers solutions for network security, network visibility, network testing, and equipment testing applications for technologies such as Cloud, SD-WAN, SDN/NFV and IOT.

Email : [info@veryxtech.com](mailto:info@veryxtech.com)

Web : [www.veryxtech.com](http://www.veryxtech.com)

USA : +1 267 440 0140

International : +44-203-371-8691

India : +91-44-6677 2200

Veryx® and Cloudmon® are trademarks of Veryx Technologies. All other trademarks of respective owners are acknowledged.  
Copyright © 2020-2024 Veryx Technologies. All rights reserved.

