LoadMaster™ 4000

- Application Delivery Optimization
- Server Load Balancing
- TLS (SSL) Offload

<table>
<thead>
<tr>
<th>FEATURE</th>
<th>BENEFIT</th>
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<tbody>
<tr>
<td>High Performance L4/7 Server Load Balancing</td>
<td>Ensures each user gets the best application experience possible.</td>
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<td>Active/Hot-Standby, with Stateful Failover</td>
<td>Removes load balancer as a single point of failure</td>
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<td>Server and application health checking</td>
<td>Guarantees user requests will be only directed to available servers and available applications</td>
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<td>IP and L7 persistence</td>
<td>Maintain connections with the user’s specific server even if their IP address changes during session</td>
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<td>Layer 7 content switching</td>
<td>Optimize server traffic according to content type</td>
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<td>TLS (SSL) offload</td>
<td>Optimizes server performance and user experience for encrypted application content</td>
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<td>Compression and caching of content</td>
<td>Reduces internal network latency and optimizes bandwidth for best possible client experience</td>
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<td>Intrusion Prevention Systems (IPS)</td>
<td>Thwarts application threats in both non-encrypted and encrypted traffic streams</td>
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<td>LoadMaster Clustering</td>
<td>Scale-out application delivery by aggregating the capacity of multiple LoadMaster instances</td>
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Optimized Performance for High Transaction Web Infrastructure

Delivering 8 Gbps L7 throughput and 3000 SSL transactions per second (TPS), the LoadMaster™ 4000 offers the capacity and features to support high volume web infrastructure environments. High performance load balancing and content switching combined with web application firewall protection, intrusion prevention and endpoint authentication ensures that internet-facing services and sites are not only highly available but also secure. Traffic may be securely distributed across on premise and public cloud environments via integrated IPsec VPN capabilities.

The LoadMaster™ 4000 is an essential enabler for resilient delivery of a wide range of application workloads in medium and large scale environments with integration with VMware vRealize Orchestrator and Microsoft System Center.

Combining the latest advancements in Layer 4 to Layer 7 application delivery technology, LoadMaster™ is the Application Delivery Controller (ADC) of choice for providing high availability services in cloud, web and application infrastructures.
Scheduling and Balancing Methods
- Round Robin
- Weighted Round Robin
- Least Connection
- Weighted Least Connection
- Agent-based Adaptive
- Chained Failover (Fixed Weighting)
- Source-IP Hash
- Layer 7 Content Switching
- Global Server Load Balancing (GSLB)
- AD Group based traffic steering

Session Persistence
- Source IP (L4)
- TLS (SSL) SessionID (L4)
- HTTP/HTTPS Browser-session (L7)
- HTTP/HTTPS WebClient-session (L7)
- RDP Login ID (L7)
- Port Following for mixed HTTP/HTTPS sessions

Security
- Web Application Firewall (WAF)
- SNORT-Rule Compatible L7 Intrusion Prevention System (IPS)
- Permit /Deny Access Control Lists
- IP address filtering
- DDoS mitigation, including L7 rate based attacks
- IPSec VPN to Azure, AWS and vCloud Air public clouds
- Authenticated NTP

Hardware Platform
- Intel Xeon Quad Core Processor
- 2 X 1GBe Auto-negotiating, Full Duplex Eth. Ports
- 2 X 10G (SFP+) Ports
- 8 GB RAM
- Local admin via serial and VGA/USB
- Dimension (1U): 434mm (W) x 394.3mm (D) x 42.4mm (H)
- Weight: 17.76lbs (7.9kg)
- 250W power supply

* Specifications are subject to change without prior notice.