“The LineRate platform’s light-weight footprint, easy orchestration, and flexible pricing were ideal for delivering the load balancing services that our customers need to support their mission-critical workloads in the cloud.”

Darrell Hyde, CTO, HOSTING
Provide load balancing for cloud and software-defined data centers

LineRate Point Load Balancer provides basic yet powerful load balancing services, including HTTP/HTTPS protocol support and health monitoring. It easily integrates into virtual environments. Fully automated operation makes it ideal for volume deployment in private clouds, and as a platform for public cloud service providers.

Maximize resources via a lightweight virtual infrastructure footprint

The LineRate Operating System architecture is designed to scale up for performance and to use minimal CPU, memory, and storage resources, enabling higher density deployments while minimizing costs.

Deliver low-cost, large-scale, per-application services

Point Load Balancer is ideal for network architectures where each application is paired with its own load balancing instances. Unlike open source solutions, it dramatically reduces the IT resources needed to build, integrate, and maintain your infrastructure. LineRate volume and cloud pricing models are designed to fit your business needs.

Integrate with orchestration systems to deploy and scale on demand

The comprehensive LineRate REST API, SNMP support, and connectors to third-party systems enable easy integration with automation systems. Fully automated deployment happens in seconds, allowing you to scale in response to changing workloads.

Achieve the manageability and reliability your apps require

Get enterprise-grade reliability, even under 100-percent loading, with internal fault containment, sub-second failover, and a self-healing internal architecture. Easily edit and visualize configuration through an intuitive GUI or via a command-line interface. Monitor all aspects of health and performance, thanks to a full REST API and thousands of statistics at the system and object levels. Deploy simply onto your commodity servers with a single bundled, pre-tuned image.

Gain peace of mind with world-class, 24/7 enterprise support

All Point Load Balancer subscriptions come standard with 24/7 support from F5’s award-winning, worldwide support team.

LineRate Point Load Balancer features

Traffic Management
- Full L7 HTTP proxy
- Reverse and transparent forward proxy
- Source IP transparency
- Virtual and real server rate limiting
- IPv6 to IPv4 translation
- Multiple load balancing algorithms
- Cookie and source IP persistence
- TCP and HTTP request multiplexing
- HTTPS client and server side
- SSL offload, including PFS and ECC

High-Availability Clustering
- Sub-second failover
- Self-healing fault containment
- 1+1 and N+1 HA architecture

Performance and Health Monitoring
- System-wide and per-object statistics
- Traffic-specific, app layer, and latency statistics
- Monitor via GUI, REST, SNMP, and CLI

Security
- High-performance IP filtering
- L4 network attack self-defense

System Management and Usability
- Live configuration updates
- HTTPS REST API
- Object templates
- System software revision management
- SNMPv2c with standard and custom MIBs
- Local and remote syslog
- Diskless PXE boot

Native Network and Protocol Support
- Dual stack IPv4 and IPv6
- IEEE 802.1q VLANs
- Jumbo frame support to 15.5 KB
- LACP link aggregation
- Path-intelligent failover
- HTTP and HTTPS (SSLv3, TLS)

Learn more

For more information about LineRate Point Load Balancer, visit linerate.f5.com to find these resources.

Web page
Strengthen security in software

Case study
HOSTING