

# Maximize Server Performance in Your Network

**Cluster Management** without surprises. Internet, extranet, e-commerce or intranet, Equalizer is the cost-effective solution for a failsafe network. It guarantees site availability all day, every day. And maximizes the performance of every server in your network.

## Intelligent load balancing.

Equalizer is the intelligent load-balancing system. Using sophisticated algorithms, it distributes requests automatically across any server cluster and selects the server best equipped for the next hit.

That means meeting unpredictable demand just got easier and that users see one fast server.

## Not just another pretty face.

With Equalizer's new Layer 7 functionality, you can differentiate between users with ease -- and keep them where you want them -- on the right web server. With Layer 7, you'll guarantee specific content gets to specific users with session cookies and URL parsing. From user logins to shopping carts, from member tracking to sophisticated e-commerce, Equalizer simply has it all.

## Stable, secure and reliable.

Equalizer's real-time system monitors resolve bottlenecks before they happen. Our virtual cluster technology lets you assign pools of servers to the most heavily used, mission-critical applications and services. And our proprietary adaptive load-balancing ensures your servers are never over worked—just used to their maximum potential.

# Equalizer



## Efficient, effective and well designed.

Equalizer lets you manage millions and millions of connections an hour. It works with any mix of operating systems, including Unix and Windows NT. You won't have to change server or operating-system software. With Equalizer, you can manage your entire cluster with ease, from a single point of control.

## Flexible, intuitive and easy to use.

Equalizer takes the guesswork and complexity out of cluster management, making cluster and server configuration a snap. It also keeps your system tuned to peak efficiency. And Equalizer's proprietary, intuitive software creates detailed graphical network and server monitors, available from any desktop web browser. So whether you need an overview of your entire operation or precisely detailed performance statistics, Equalizer ensures it's only a mouse-click away.

## The strategically sound solution.

Equalizer is *more* than load-balancing. It's a strategically sound business solution that puts users' needs first as it:

- Ensures service availability, automatically detecting and compensating for any server or service failures.
- Adds and removes cluster servers without breaks in service.
- Deploys multiple, fault-tolerant data centers anywhere.

The Coyote Point Equalizer. Complete cluster management without surprises. For about the price of a server.



[www.coyotepoint.com](http://www.coyotepoint.com)

# Equalizer Specifications

- Load Balancing Algorithms** Round robin, weighted round robin, least connections, weighted least connections, server latency, weighted server latency, server direct measurement.
- Server Failure Detection** Layer 7 via active connect verification. Layer 4 via port probing. Average failure detection < 15 seconds.
- Fault Tolerance** Full system-level redundancy supported (Requires 2 Equalizers). Server heartbeat and configuration data exchanges over attached ethernet(s).
- Management** Secure Web-based management, command line interface via Serial, SSH, or Telnet.
- Persistence Modes** Sticky Connections, Cookies
- Reporting** Up to seven days performance history recorded. Highly detailed graphical reports available with very fine granularity.
- Support** 8x5 phone and email support included for one year. 24x 7 phone and email support available. Onsite hardware repair available. Hardware is warranted to be free from defects for one year.
- Standards Supported** DNS, most UDP and TCP/IP based protocols, HTTP, HTTPS (SSL), SMTP, POP, IMAP, NNTP, FTP, streaming media, Active Server Pages, SQL. UDP/IP based protocols, including: DNS, WAP, RADIUS and others.
- Power** 115/230 VAC auto-detecting 50/60 Hz 3.0A
- Dimensions** H 1.75" W 17.0" D 16.5" (EIA 1U)
- Weight** 28 lbs.
- Interfaces** E350 10/100 Mb/s ethernet full-duplex auto sensing. One serial port.  
E450 10/100/1000 Mb/s copper ethernet ports. Auto sensing. One serial port.
- Certifications** FCC, CFCC, UL, CAN/CSA, CE, VCCI, C-Tick, CB, IEC950
- Environmental** Temperature: 40-105 °F, 5-40 °C  
Humidity: 5-90%, non-condensing
- Options** SSL Acceleration, Gigabit Ethernet, Additional Memory, geographic load balancing

Performance By Model			
	Server Farms	Bandwidth	Concurrent Connections
E350	Unlimited virtual clusters, 16 servers per cluster	100 Mb/s	2,000,000
E450	Unlimited virtual clusters, 64 servers per cluster	850 Mb/s	8,000,000

## How Equalizer Works

1

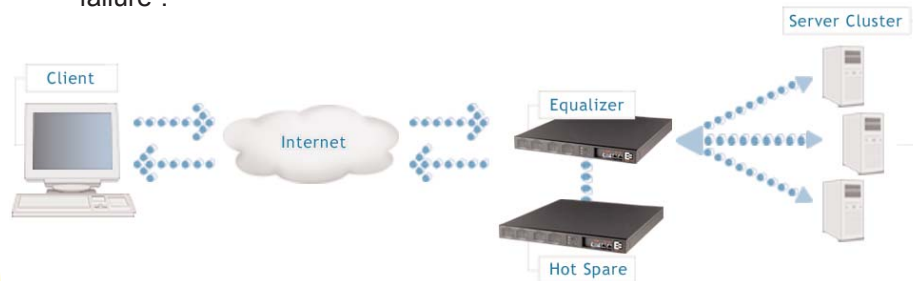
Equalizer "virtual clusters" provide single IP address to Client on Internet or Intranet.

2

Equalizer monitors server performance and availability. Client requests are forwarded to best available server in real time.

3

Fully redundant configuration provides no "single point of failure".



## We look forward to hearing from you.

Coyote Point Systems, Inc. is privately held. We produce high-availability, high-performance server-cluster products for complete cluster management without surprises. For more information, visit our website at [www.coyotepoint.com](http://www.coyotepoint.com) or call **650.969.6000**. We look forward to hearing from you.



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