



DATA SHEET

FX SERIES WAN OPTIMIZATION AND APPLICATION ACCELERATION PLATFORMS



KEY BENEFITS

- Bandwidth savings: up to 400% bandwidth savings in both directions
- Measurable reduction in response time for users (3-4 times)
- Excellent Payback / ROI - Capex for Opex payback typically 3-4 months
- FX Series platform scales easily for small, medium and high volume networks
- Client IP transparency - simplifies configuration and installation into existing networks
- Offers wide range of functionality - load balancing, compression, SSL, TCP offload, HTML rewrite, accounting/authentication/authorization, application firewall
- Easy to deploy - completely transparent to the network, requiring no additional application or network configurations
- Broad range of flexible options for remote side software

Assuring Delivery Of Web Applications For Bottomline Results Of Productivity And Performance

Data center simplification and the growing migration to web-enabled applications are driving the need for a new class of multi-function optimization devices. The Stampede FX Series combines both one-sided application delivery and two-sided WAN optimization into a single platform with the added flexibility of unparalleled remote side Software WAN Optimization options. The FX Series delivers unprecedented application performance, optimization, transparency, availability and management for existing networks.

Productivity and Performance

With the Stampede FX Series WAN optimization and application acceleration platforms, your access to business critical applications is typically cut in half - dramatically boosting application usability and acceptance, especially for remote and branch office users.

Transparent Assured Delivery

With flexible options for in-line or Cisco's Web Cache Coordination Protocol (WCCP) the FX Series devices deliver unprecedented transparent optimization. End to End assurance is maintained for all applications providing complete transparency and the ability for existing Quality of Service (QOS) and network visibility management programs to continue monitoring the health of your network.

Availability

Business critical applications requiring 24/7 availability will always perform optimally no matter how fast your business grows. The Stampede FX platforms support deployments in either N+N or N+1 configurations. Simply add additional FX devices as needed for increased scalability or failover protection.

Management

The FX platforms provide total insight through Real-Time information including over 100 real time statistics providing extensive details on all in-bound and out-bound traffic. Historical data for days or months are easily viewed via online graphs, simplifying capacity planning, trending, network issues, and application troubleshooting.

Flexibility

Stampede's FX Series platforms provide a comprehensive range of flexible options for total transparent 24/7 operation within your existing or growing network infrastructure. No matter what your application acceleration or WAN optimization requirements are today or in the future, Stampede's FX platform solutions will handle all your business critical applications with ease. Whether your installation requires small, medium or large branches or the consolidation of multiple remote or enterprise data centers, Stampede has the solution for you and your business needs.

Deploy the Stampede FX Series as a single-side solution to optimize traffic from your out-bound channel. For a two-sided solution, add our remote software clients or FX Series branch office appliance and achieve the ultimate in application acceleration and WAN optimization. When deployed as a single-sided application delivery solution the Stampede FX Series provides:

SINGLE - SIDED SOLUTION

Load Balancing via WCCP	Intelligently distributes the TCP / HTTP workload across multiple SAAS appliances
Source IP Preservation	Insures optimal performance and support of QoS information required to support your customers
Connection Management	Removes the burden of establishing and terminating TCP connections from the Web Servers
SSL Off-loading	Eliminates the overhead of SSL key and encryption processing from the Web Servers
GZIP Compression	Automatically compresses data sent to standard browsers
Image Reduction and Smoothing	Automatically reduces the size of images to minimize bandwidth consumption
Static Caching	Copies of routinely accessed data in the appliance, eliminating unnecessary requests to the Web server
Internet Explorer Optimization	For customers that use Microsoft's browser, SAAS will reduce round trips during Internet sessions
TCP Optimization	Express download of larger files and multi-media content

Take advantage of our Acceleration On-Demand®, Windows® Standard / Advanced, Multi-User, Linux® or Windows Mobile® remote software client options for a complete two-sided application acceleration and WAN optimization solution. Alternatively, deploy Stampede's FX Series branch office appliance and achieve the ultimate in application acceleration and WAN optimization. With remote clients or FX Series branch office appliance deployed the Stampede FX Series provides:

TWO - SIDED SOLUTION

Cache Differencing	Maintains a coherent copy of the browser's cache on both the client and the appliance, transmitting only the dynamic changes across the network
Multiplexing of Large Data Objects	Through a technology we call TurboStreaming™; even previously compressed objects can be delivered up to 5 times faster
SSL Client-side Termination	Intercepts the SSL data at the client, applies our acceleration technology to that data, and then securely accelerates it across the network
Intellegent HTTP Turn Reduction	Eliminates excessive handshaking and network traffic
Advanced Virtual Pipelining™	For Improving Browser Performance by 40%
Network Protocol Optimization	Powerful algorithms that detect and eliminate redundant bytes from WAN data streams, reducing bandwidth utilization by up to 99%
Dynamic Data De-duplication	Specific application-aware modules for HTTP, HTTP/S, CIFS, MAPI, POP3, SMTP, and FTP that drastically reduce costly hand shakes and intelligently apply compression
Traffic Prioritization	Shapes bandwidth utilization so that capacity requirements for mission critical applications are always met

FX SERIES WAN OPTIMIZATION AND APPLICATION ACCELERATION PLATFORMS

	FX-1000	FX-2000	FX-4000
Form Factor	1U	1U	1U
Processor	1.6 Ghz Intel E4330	2.5 Ghz Intel E5200	2.83 Ghz Intel X3360
Number of Processors	1 (Dual Core)	1 (Dual Core)	1 (Quad Core)
Memory	2GB	4GB	8GB
Storage	(1) 80GB SATA	(1) 80GB SATA	(1) 250GB SATA
Network Interface/Fail to wire	(4) 10/100/1000	(4) 10/100/1000	(4) 10/100/1000
Power Supply - UL	200W	200W	200W
Approved, FCC Compliant			
Limited Hardware Warranty	3 Year	3 Year	3 Year
Software Warranty (Subscription Service Available)	90 Days	90 Days	90 Days
Operating System	SUSE Linux	SUSE Linux	SUSE Linux
Device Throughput	3Mbps to 15Mbps	70Mbps	155Mbps
Number of Concurrent Sessions	600 to 3,000	12,000	25,000
SSL Transaction Throughput	400 to 2000 per sec.	9,000 per sec.	18,000 per sec.

Stampede FX Series Remote Client Software Options

- Windows® Standard and Advanced Clients
- Acceleration On-Demand®
- Multi-user Client
- Linux® Client
- Windows Mobile®



FOR MORE INFORMATION,
Call 1.800.763.3423, USA & Canada
1.937.291.5035, International
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