Exinda **x700** Traffic Management solution

The network challenge

The Wide Area Network (WAN) has inherent delay and bandwidth limitations. Applications deployed across the WAN are inefficient and slow due to these limitations. Further to this, repetitive data is sent across the WAN, increasing total utilisation and introducing congestion. More applications further compete for these limited WAN resources causing congestion and degradation of critical applications. IT managers are demanding far more economic and effective ways to manage and optimize their existing infrastructure by understanding how it is used, defining what's important for the business and accelerating application performance.

The solution

Exinda Networks' x700 series provides a range of traffic management appliances suitable for branch office, head office and data centre sites. These appliances feature award-winning technology that enable you to easily report on application activity and guarantee performance of the important applications. With ARM technology, Exinda allows you to quantify application response times from a user's point of view at the remote site. This in turn assists in optimizing with greater accuracy and understanding how users directly benefit from effective optimization.
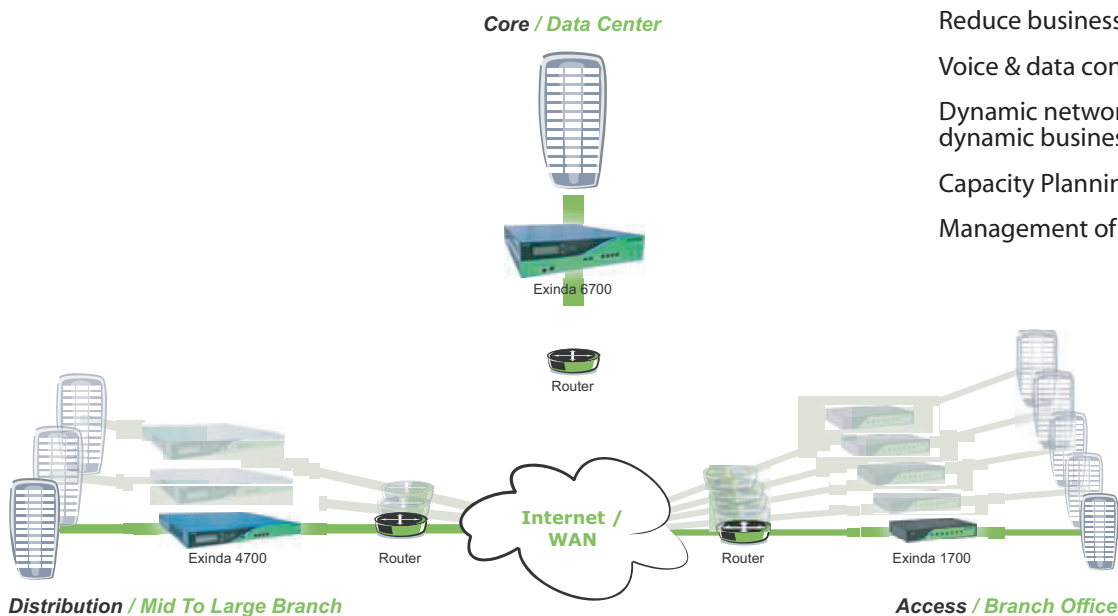
For more details visit www.exinda.com

Product Brief

The Exinda x700 range provides award winning traffic management for monitoring and optimizing IP networks. It combines Layer 7 classification, QoS, compression and detailed monitoring and reporting in one solution.

Benefits

Reduce infrastructure costs

Ensure predictable application performance

Visibility of infrastructure usage

Reduce network troubleshooting costs

Reduce business continuity risk

Voice & data convergence

Dynamic networking to support dynamic business

Capacity Planning

Management of internet strategy

Core / Data Center

Exinda 6700

Router

Internet / WAN

Exinda 4700   Router   Router   Exinda 1700

Distribution / Mid To Large Branch   *Access / Branch Office*

RoHS COMPLIANT 2002/95/EC

exinda networks

Specifications

Model	1700	4700				6700			6720			
Licensed Bandwidth	2 or 10	2	15	45	100	100	250	500	100	250	500	1G
Device Throughput (Mbps)	100	100	100	100	100	1000	1000	1000	1000	1000	1000	1000
Max Concurrent Flows	4000	64000	128000	256000	384000	512000	768000	1024000	1024000	1024000	1024000	1024000
L7 New conn rate (max)	-	-	-	-	-	400	400	400	6000	6000	6000	6000
Reports PDF	0	4	8	16	20	20	32	64	20	32	64	64
SLAs	-	70	100	120	150	100	250	250	100	250	250	250
Circuit	2	8	16	24	32	48	64	80	48	64	80	80
VC	4	128	256	384	512	768	832	896	768	832	896	896
Policies	64	128	256	384	512	1024	1536	2048	1024	1536	2048	2048
Compression (Mbps)	2	2	15	45	100	100	250	250	100	250	250	250
ARM objects	-	5	5	10	20	20	30	40	20	30	40	50

Hardware												
Network Interfaces	Total 5 4x10/100 Base-T LAN, 1x 10/100 Base-T WAN	Total 4 2 x 10/100 Base-T (bypass), 2x10/100/1000 Base-T				Total 7 2 x GbE Base-T LAN, 2xGbE Base-T WAN - bypass 1x10/100 Base-T MNG, 2xSFP GbE (optional Fiber)			Total 7 2 x GbE Base-T LAN, 2xGbE Base-T WAN - bypass 1x10/100 Base-T MNG, 2xSFP GbE (optional Fiber)			
Ethernet bypass pairs	-	1				2			2			
Network Expansion (optional)	-	2x10/100/1000 Base-T (High Availability)				-			-			
Console Port	RS-232 male DB-9	RS-232 male DB-9				1 x COM Port (RJ-45)			1 x COM Port (RJ-45)			
Dual Power Supplies	-	-				■			■			
Weight (kg)	0.5	6.5				13			13			
Dimensions (WxHxD)	168x26x115 - 6.5"x1"x4.5"	424x43.5x380 mm - 16.8"x1.72"x11"				424x88x530 mm - 16.7"x3.45"x20.9"			424x88x530 mm - 16.7"x3.45"x20.9"			
Power & Environment												
Power	DC Maximum Requirement 10W, 100/240 VAC, 50~60Hz	DC Maximum Requirement 100W, 100/240 VAC, 50~60Hz				DC Maximum Requirement 230W, AC/DC 90~254VAC full range @ 47~63HZ			DC Maximum Requirement 230W, AC/DC 90~254VAC full range @ 47~63HZ			
Environment	0C to 40C, Storage Temperatures 20C to 80C, Relative humidity 0% to 90% (non -condensing)	0C to 40C, Storage Temperatures 20C to 80C Relative humidity 0% to 90% (non -condensing)				0C to 40C, Storage Temperatures 20C to 80C Relative humidity 0% to 90% (non -condensing)			0C to 40C, Storage Temperatures 20C to 80C Relative humidity 0% to 90% (non -condensing)			
Approvals	CE,FCC Certified / RoHS	CE, FCC Certified / RoHS				CE, FCC Certified / RoHS			CE, FCC Certified / RoHS			

Technology

Application Layer 7 Classification and Monitoring
Signature based classification identifies applications such as Peer-to-Peer and those that use common protocols such as HTTP. Exinda's High speed hardware (ASIC) based classification (6720) allows wirespeed monitoring at speeds of up to 1G. Track usage and network utilisation by application, hosts or conversations. Extensive reporting via automated PDF and CSV exports and SQL connector.

Application Specific Analysis Modules (ASAM)
Exinda supports modules for detailed classification and analysis of specific applications such as HTTP, VoIP, Citrix. Monitor voice calls and conversations in realtime.

Application Response Measurement (ARM)
Monitor application response times across network and server infrastructure. Measure and manage user experience across applications.

Adaptive Response (AR)
Set alerts, notifications and run custom scripts based on system wide triggers.

Policy based QoS
Allow for granular traffic control and application quality of service (QoS).

Features

Cross flow data compression

Classification of applications at L7 with automated layer 7 signature updates

Realtime drill down

Automated PDF reporting

Policy based QoS

Service Level Management

- Network Service (remote SLA)

- Application Service Application Response Measurements (ARM)

Adaptive Response (AR)

SIP based VoIP reporting (ASAM)

Classify Citrix published Applications (ASAM)

95th percentile calculations

URL analysis (ASAM)

Exinda **x700** Traffic Management products

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