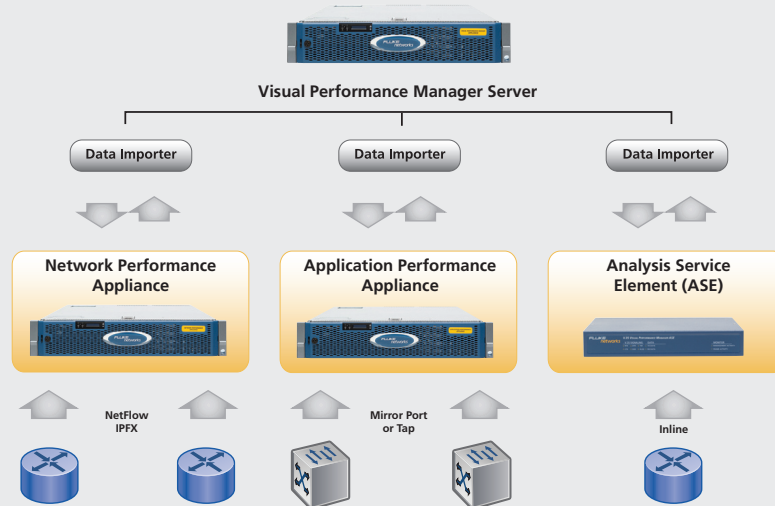


# Visual Performance Manager hardware – Data correlation for unparalleled visibility into application & network performance

- Hardened appliances not susceptible to external threats such as viruses and worms
- Enhances enterprise-wide visibility for detailed troubleshooting and forensics
- Flexible Architecture for integrating and mediating multiple data sources
- Multiple options to enable scaling for both enterprise and service provider customers

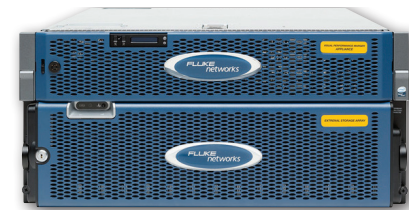
Visibility into the performance of your enterprise is crucial for the effective delivery of critical business applications. Visual Performance Manager hardware options provide a flexible architecture for integrating and mediating multiple data sources.



## Visual Performance Manager Servers

The Visual Performance Manager Server family provides the centralized correlation, mediation and integration point for managing application, network and server performance across a complete network. Visual Performance Manager Servers are offered in 2 models and provide actionable visibility by monitoring performance from multiple data sources deployed across the enterprise.

The Visual Performance Manager system offers flexibility with the 200XT server, which is designed to meet the needs of any business while the 300ESA server can scale to help the largest enterprises, carriers and managed service providers. Visibility into the performance of your enterprise is crucial to the effective delivery of critical business applications. Visual Performance Manager gives you the depth and breadth of visibility you need to manage and optimize the delivery of your most crucial business services.



Visual Performance Manager 300ESA Server

Name	Visual Performance Manager 200XT Server	Visual Performance Manager 300ESA Server
Model Number	VPM200XT	VPM300ESA
Processor	Dual QuadCore Xeon Processor, 2.4GHz 8M Cache, Turbo HT, 1066MHz FSB	Dual QuadCore Xeon Processor, 2.4GHz 8M Cache, Turbo HT, 1066MHz FSB
Memory	8GB, 1066MHz Dual Ranked RDIMMs for 2 Processors	16GB, 1066MHz Dual Ranked RDIMMs for 2 Processors
Hard Drive	6 x 450GB 15K RPM Serial-Attach SCSI Drives (2.7TB in total)	6 x 450GB 15K RPM Serial-Attach SCSI Drives (2.7TB in total)
Hard Drive Controller	PERC 6/i SAS RAID Controller 2x4 Connectors, Internal, PCIe256MB Cache	PERC 6/i SAS RAID Controller 2x4 Connectors, Internal, PCIe256MB Cache
RAID Configuration	3 RAID 1's	3 RAID 1's
Operating System	Windows Server 2003 Standard	Windows Server 2003 Enterprise
Mounting Kit	Sliding Ready Rails With Cable Management Arm	Sliding Ready Rails With Cable Management Arm
Power Supply	High Output Power Supply Redundant, 870W	High Output Power Supply Redundant, 870W
Chassis	2U Rack-mountable chassis, Rack Weight 50.71 lbs (23 Kg)	2U Rack-mountable chassis, Rack Weight 50.71 lbs (23 Kg)
Extended Storage Array		15 x 500GB 7.2K RPM NL Serial-Attached SCSI Drives (7.5TB in total)
ESA Chassis		3U Rack-mountable chassis, Rack Weight 78 lbs (35.38 Kg)
ESA Hard Drive Controller		PERC 6/e SAS External RAID Adapter
ESA RAID Configuration		2 RAID 10's and 3 RAID 1's

### Application Performance Appliance

The Application Performance Appliance integrates with Visual Performance Manager to provide actionable visibility of end-user response times for your most critical business applications, allowing the organization to optimize the delivery of essential business services. Visual Performance Manager monitors and measures application performance even within multi-tiered server environments so performance-affecting problems can be quickly identified, isolated and resolved minimizing the impact on the organization. Users can monitor all traffic including all TCP and UDP applications as well as user-defined custom multi-tiered applications.



Application Performance Appliance-ESA

Name	Application Performance Appliance	Application Performance Appliance-ESA
Model Number	APA	APAESA
Processor	Dual QuadCore Xeon Processor, 2.4GHz 8M Cache, Turbo HT, 1066MHz FSB	Dual QuadCore Xeon Processor, 2.4GHz 8M Cache, Turbo HT, 1066MHz FSB
Memory	16GB, 1066MHz Dual Ranked RDIMMs for 2 Processors	36GB, 1066MHz Dual Ranked RDIMMs for 2 Processors
Hard Drive	6 x 450GB 15K RPM Serial-Attach SCSI Drives (2.7TB in total)	6 x 450GB 15K RPM Serial-Attach SCSI Drives (2.7TB in total)
Hard Drive Controller	PERC 6/i SAS RAID Controller 2x4 Connectors, Internal, PCIe256MB Cache	PERC 6/i SAS RAID Controller 2x4 Connectors, Internal, PCIe256MB Cache
RAID Configuration	RAID 10	RAID 10
Operating System	Fedora Core Linux	Fedora Core Linux
Monitor Ports	1, 2, 4 port versions (copper or fiber) SFP	1, 2, 4 port versions (copper or fiber) SFP
Mounting Kit	Sliding Ready Rails With Cable Management Arm	Sliding Ready Rails With Cable Management Arm
Power Supply	High Output Power Supply Redundant, 870W	High Output Power Supply Redundant, 870W
Server Chassis	2U Rack-mountable chassis, Rack Weight 50.71 lbs (23 Kg)	2U Rack-mountable chassis, Rack Weight 50.71 lbs (23 Kg)
Extended Storage Array		15 x 500GB 7.2K RPM NL Serial-Attached SCSI Drives (7.5TB in total)
ESA Chassis		3U Rack-mountable chassis, Rack Weight 78 lbs (35.38 Kg)
ESA Hard Drive Controller		PERC 6/e SAS External RAID Adapter
ESA RAID Configuration		1 RAID 0

### Network Performance Appliance

NetFlow Tracker software is installed on the Network Performance Appliance to expand the breadth, depth and coverage of Visual Performance Manager by providing visibility into network flows for in-depth LAN/WAN and application troubleshooting, trend analysis and capacity planning. The hardened Linux-based appliance improves performance for even the fastest circuits by collecting, storing and analyzing the data before forwarding to a centralized database.

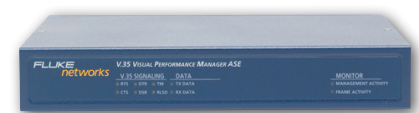


Network Performance Appliance

Name	Network Performance Appliance
Model Number	NPA
Processor	Dual QuadCore Xeon Processor, 2.4GHz 8M Cache, Turbo HT, 1066MHz FSB
Memory	8GB, 1066MHz Dual Ranked RDIMMs for 2 Processors
Hard Drive	6 x 450GB 15K RPM Serial-Attach SCSI Drives (2.7TB in total)
Hard Drive Controller	PERC 6/i SAS RAID Controller 2x4 Connectors, Internal, PCIe256MB Cache
RAID Configuration	RAID 10
Operating System	Fedora Core Linux
Mounting Kit	Sliding Ready Rails With Cable Management Arm
Power Supply	High Output Power Supply Redundant, 870W
Chassis	2U Rack-mountable chassis, Rack Weight 50.71 lbs (23 Kg)

### Analysis Service Elements (ASE's)

For technical information on Visual Performance Manager Analysis Service Elements (ASE's), please visit [www.flukenetworkperformance.com](http://www.flukenetworkperformance.com) or contact us at 888 29-FLUKE.



Analysis Service Element (ASE's)