

INVITATION FOR BID 08-010

ABSTRACT OF BIDS

OPENING DATE
1-Apr-10 3:00 p.m.

ISSUING OFFICE

Kane County Purchasing Department
Kane County Government Center, Bldg. A
719 Batavia Ave.
Geneva, IL 60134

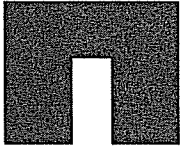
ARTICLES OR SERVICES

**08-010 Polycorn Products
IT Department**

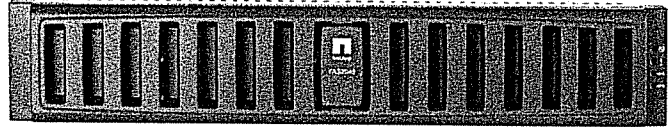
Vendor Name		PS Tech		GET		Solutionz Conferencing		Inter Tech		Comm. Prof		One Vision		Spect. Solutions		Mspace Inc		Lee Hartman		IVCi	
Item Number	Description	Unit Cost	Unit Cost	Unit Cost	Unit Cost	Unit Cost	Unit Cost	Unit Cost	Unit Cost	Unit Cost	Unit Cost	Unit Cost	Unit Cost	Unit Cost	Unit Cost	Unit Cost	Unit Cost	Unit Cost	Unit Cost	Unit Cost	Unit Cost
VRMX2520R	RMX 2000	\$ 28,553.00	\$ 26,500.00	\$ 37,312.00	\$ 30,462.25	\$ 25,830.75	\$ 31,000.00	\$ 29,484.00	\$ 28,529.00	\$ 27,937.38											
4870-00280-112	One Year Maintenance	\$ 3,534.00	\$ 3,700.00	\$ 3,140.00	\$ 3,759.14	\$ 3,401.70	\$ 3,200.00	\$ 3,650.00	\$ 3,655.00	\$ 3,534.64											
4870-00280-312	Three Year Maintenance	\$ 8,483.00	\$ 8,875.00	\$ 7,539.00	\$ 8,958.18	\$ 8,165.95	\$ 8,103.00	\$ 8,760.00	\$ 8,779.00	\$ 8,484.04											
7200-27600-001	HDX7002	\$ 6,395.00	\$ 5,800.00	\$ 6,620.00	\$ 6,662.50	\$ 5,938.19	\$ 7,000.00	\$ 6,604.00	\$ 6,415.00	\$ 6,390.96											
4870-00408-106	One Year Maintenance	\$ 768.00	\$ 800.00	\$ 682.00	\$ 843.67	\$ 739.50	\$ 800.00	\$ 794.00	\$ 790.00	\$ 768.40											
4870-408-136	Three Year Maintenance	\$ 1,842.00	\$ 1,925.00	\$ 1,639.00	\$ 1,983.58	\$ 1,774.80	\$ 1,600.00	\$ 1,903.00	\$ 1,900.00	\$ 1,844.16											
7200-29025-001	HDX6000	\$ 3,915.00	\$ 3,600.00	\$ 4,065.00	\$ 4,107.73	\$ 9,877.19	\$ 4,200.00	\$ 4,043.00	\$ 3,930.00	\$ 3,933.36											
4870-00634-106	One Year Maintenance	\$ 1,351.00	\$ 660.00	\$ 558.00	\$ 1,440.22	\$ 1,300.65	\$ 600.00	\$ 1,396.00	\$ 645.00	\$ 628.28											
4870-00634-136	Three Year Maintenance	\$ 3,244.00	\$ 1,600.00	\$ 1,341.00	\$ 3,457.17	\$ 3,123.30	\$ 1,400.00	\$ 3,351.00	\$ 1,560.00	\$ 1,509.68											
2200-22550-001	V SX5000	\$ 2,689.00	\$ 2,450.00	\$ 2,803.00	\$ 2,827.58	\$ 2,496.11	\$ 2,700.00	\$ 2,776.00	\$ 2,693.00	\$ 2,732.04											
4870-00125-106	One Year Maintenance	\$ 542.00	\$ 570.00	\$ 481.00	\$ 600.00	\$ 522.00	\$ 580.00	\$ 561.00	\$ 560.00	\$ 542.40											
4870-00125-136	Three Year Maintenance	\$ 1,302.00	\$ 1,360.00	\$ 1,157.00	\$ 1,413.88	\$ 1,252.80	\$ 1,200.00	\$ 1,345.00	\$ 1,340.00	\$ 1,301.76											
2200-77523-000	CMA4000 +100 Devices	\$ 9,789.00	\$ 8,875.00	\$ 10,155.00	\$ 10,532.85	\$ 9,090.00	\$ 10,000.00	\$ 10,109.00	\$ 9,815.00	\$ 9,685.00											
5157-77611-400	Enables Outlook Plug	\$ 5,744.00	\$ 5,200.00	\$ 5,913.00	\$ 6,081.20	\$ 5,332.80	\$ 6,200.00	\$ 5,931.00	\$ 5,760.00	\$ 5,623.20											
4870-00481-112	One Year Maintenance	\$ 1,171.00	\$ 1,225.00	\$ 1,855.00	\$ 1,276.73	\$ 1,126.65	\$ 1,200.00	\$ 1,209.00	\$ 1,212.00	\$ 1,170.68											
4870-00481-312	Three Year Maintenance	\$ 2,812.00	\$ 3,000.00	\$ 3,915.00	\$ 2,999.54	\$ 2,705.70	\$ 3,000.00	\$ 2,903.00	\$ 2,905.00	\$ 2,811.44											
2200-77521-000	CMA4000 +200 Devices	\$ 13,705.00	\$ 12,450.00	\$ 14,112.00	\$ 14,647.35	\$ 12,726.00	\$ 13,000.00	\$ 14,153.00	\$ 13,745.00	\$ 13,519.00											
4870-00484-112	One Year Maintenance	\$ 1,623.00	\$ 1,700.00	\$ 1,441.00	\$ 1,751.48	\$ 1,561.65	\$ 1,500.00	\$ 1,676.00	\$ 1,675.00	\$ 1,622.68											
4870-00484-312	Three Year Maintenance	\$ 3,900.00	\$ 4,175.00	\$ 3,466.00	\$ 4,144.22	\$ 3,754.05	\$ 3,700.00	\$ 4,028.00	\$ 4,030.00	\$ 3,900.76											
4870-00484-007	Implementation CMA4000	\$ 8,481.00	\$ 8,900.00	\$ 6,600.00	\$ 8,844.24	\$ 8,060.55	\$ 9,265.00	\$ 8,758.00	\$ 8,665.00	\$ 8,375.56											
Signed Bid Response Form (Yes/No)		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		See Note	See Note	See Note	See Note	See Note	See Note	See Note	See Note	See Note	See Note	See Note	See Note	See Note	See Note	See Note	See Note	See Note	See Note	See Note	See Note
		1k Frt.																			

* INDICATE BY A _____ A 60-DAY ACCEPTANCE.
 ** INDICATE BY A _____ IF BID CONFORMS TO DELIVERY TIME SPECIFIED IN BID SPECIFICATIONS.

I CERTIFY THAT I HAVE OPENED, READ AND TYPED NAME: Christopher Rossman
 RECORDED HEREIN ALL BIDS RECEIVED TITLE: Purchasing Director
 TO THE INVITATION. DATE:



NetApp™
Go further, faster



Systems

NetApp FAS2000 Series

Take control of your fast-growing data and maximize your shrinking budgets with an affordable, and easy-to-use storage system from NetApp

KEY BENEFITS

Experience value

Acquire segment-leading efficiency, performance, and scalability at an affordable price.

Adapt easily and affordably to growing storage needs

Expand capacity, add incremental functionality, and upgrade to a larger system quickly and nondisruptively.

Unburden your overextended IT staff

Leverage a comprehensive set of management tools to optimize performance and manage system health without the need for extensive storage expertise.

Reduce cost

Get a lower total cost of ownership for an entry-level storage system.

THE CHALLENGE

Explosive data growth

Whether you are responsible for a remote or branch office, a department, or a midsized enterprise, you are challenged more than ever before by shrinking budgets, overextended staff, and the need to do more with less. These challenges, coupled with the increasing complexity of your Windows® environment, can quickly eat into your budget and affect your productivity.

THE SOLUTION

Build for now and for the future

As your company grows, so does your need for efficient data storage. At NetApp, we think that you should install a data infrastructure only once and then expand as your needs grow. Our common end-to-end Unified Storage architecture makes it possible for you to expand capacity and add functionality to our systems quickly and easily. NetApp® FAS2000 series systems deliver the right blend of price, performance, and scalability.

Our FAS2000 series entry systems offer you excellent value:

- Integrated block- and file-level data access over Fibre Channel and Ethernet networks delivers capacity where you need it, when you need it, regardless of user or application

- Primary and/or secondary storage
- Intelligent management software
- Data-protection capabilities of high-end systems with NetApp ease of use
- Internal SAS (serial-attached SCSI) or SATA drives
- Built-in remote management

INCREASE EFFICIENCY

NetApp FAS2000 systems provide a powerful range of technologies and features based on Data ONTAP® to help increase storage utilization and the efficiency of your system and storage administrators.

- NetApp Snapshot™ provides point-in-time images, enabling you to perform near-instantaneous file-level or full data set recovery, and its minimal performance overhead makes it uniquely suited for protecting your production data.
- Thin provisioning helps avoid the costly over provisioning and time-consuming reconfiguration that is typical with other storage solutions.
- Deduplication enables you to store only one copy of each unique data object, substantially reducing capacity requirements.
- Highly efficient RAID-DP® protects against multiple failures in a RAID group.

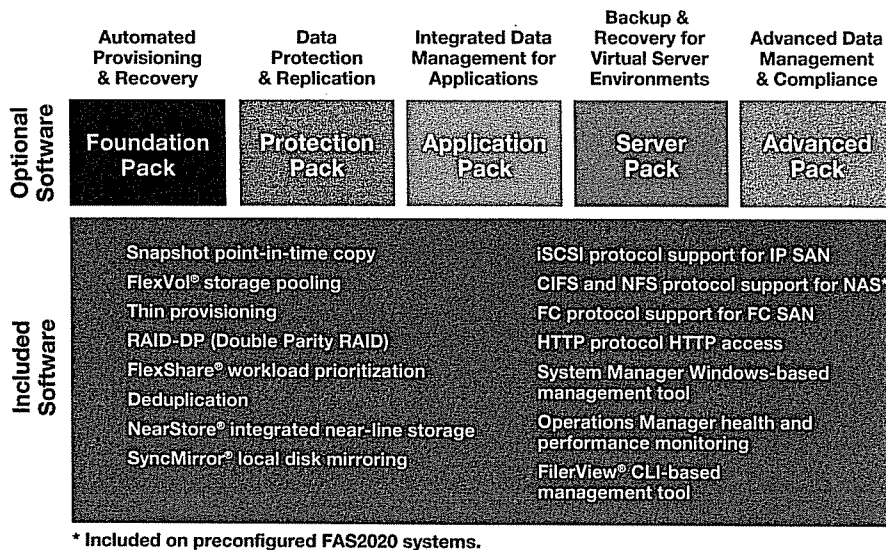


Figure 1) Included software and optional software packs.

ADAPT QUICKLY TO CHANGE

To help your data storage infrastructure adapt as your business grows, we offer:

- A new level of performance to support your most demanding applications
- New integrated SAS connectivity that enables up to 136TB of capacity as needed to support all your workloads

With the breadth of included and optional software you can:

- Dynamically expand or contract volumes or LUNs with a single command
- Upgrade from entry-level FAS2000 systems to midrange and high-end NetApp systems, using the same operating system, toolset, and software products
- Easily expand data management capabilities as your needs grow by using optional NetApp Software Packs,* which provide enterprise-proven capabilities for automated provisioning and restoration, simple efficient disaster recovery, automated application, and virtual machine-aware backup, recovery, and cloning

New simplified product structure enables flexibility to order preconfigured systems that include high-capacity drives at attractive prices; or customize your configuration by ordering configure-to-order systems that allow you to choose drive quantity, type, and capacity.

SIMPLE TO ACQUIRE, DEPLOY, AND MANAGE

You don't need to be a storage expert to acquire, deploy, and manage FAS2000 storage systems and to keep your NetApp storage infrastructure in line with business requirements.

With NetApp System Manager, you can:

- Rapidly deploy NetApp storage systems, typically within minutes after installation.
- Provision storage for SAN (iSCSI/FCP) and NAS (CIFS/NFS), for both physical and virtualized server environments.
- Simple, workflow-based wizards automate the most common device management tasks.
- Manage NetApp storage via your Windows Management Console, minimizing training and management costs.**

LOWER TCO

The FAS2000 is an economical storage system, and NetApp's unique data management capabilities help the FAS2000 support lower TCO than other systems in its class.

FAS2000 series storage systems offer you:

- Segment-leading efficiency that can cut storage cost by 50%
- Universal knowledge set for all products that can slash administrative overhead by up to 60%
- No needs for retraining as you expand capabilities or upgrade to larger systems.

According to an analysis by Oliver Wyman, with a NetApp solution you get lower acquisition costs, lower management costs, and lower system downtime costs.

Managing server and application sprawl on a shoestring budget is now a lot easier with the NetApp FAS2000 series.

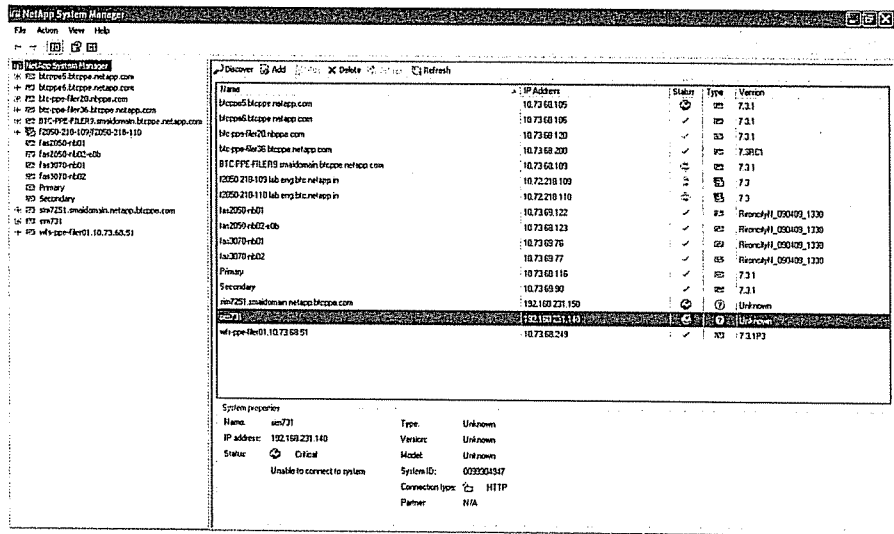


Figure 2) Simple, intuitive and easy to use NetApp System Manager Console.

CHOOSING THE RIGHT SYSTEM FOR YOUR NEEDS

All members of the FAS2000 family feature Data ONTAP and offer industry leading technology in an affordable, easy-to-use package. Each system provides segment-leading performance, efficiency, and value.

NetApp offers three systems in the FAS2000 family to help you find the perfect balance of price, performance, and features to best fit your needs.

FAS2020

Most affordable platform in family, ideal for value-oriented deployments

- For midsized enterprises, remote offices, and local storage that need low system acquisition costs
- Excellent for consolidating virtualized environments with one to three Windows applications and lighter file-serving workloads
- Offered in easy-to-order, preconfigured systems that include high-capacity drives at attractive prices

FAS2040

Ideal for higher performance or capacity needs

- For distributed or midsized enterprise sites that require more performance and higher capacity
- Ideal for consolidating virtual environments with multiple workloads and Windows applications
- Offered in flexible configure-to-order systems that allow you to choose drive quantity, type, and capacity.

FAS2050

Ideal for specialized storage deployments

- Offers the highest internal drive count and advanced I/O connectivity (10GbE, FCoE, additional FC/GbE ports)
- Easily scalable and able to handle multiple workloads and Windows applications
- Offered in easy-to-order, preconfigured systems that include high-capacity drives

* FAS2000 Software Packs provide a simple way to add licenses for powerful data management software. For details, see the FAS2000 Software Packs Datasheet.

** See the System Manager Datasheet for details.

FAS2000 SERIES OVERVIEW	FAS2020	FAS2040	FAS2050
Form factor	2U/12 Drive	2U/12 Drive	4U/20 Drive
Dual controllers	Yes	Yes	Yes
Maximum raw capacity	68TB	136TB	104TB
Maximum disk drives	68	136	104
Maximum Ethernet ports	4	8	8*
Maximum Fibre Channel ports	4	4	8*
Onboard SAS port	No	2	4*
10Gbe support	No	No	Yes*
FCoE support	No	No	Yes*
Multipath Expansion	No	No	Yes*
Remote management	Yes	Yes	Yes
Storage protocols	FCP, iSCSI, NFS, CIFS	FCP, iSCSI, NFS, CIFS	FCP, iSCSI, NFS, CIFS

All specifications are for dual-controller, active-active configurations
 * Combines integrated ports with I/O expansion cards

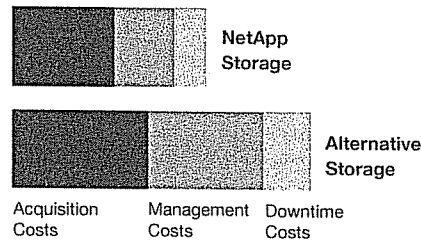


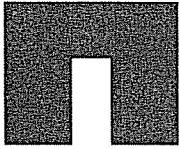
Figure 3) Proven lower TCO.
 Studies by Oliver Wyman show that your total cost of ownership for NetApp storage systems is substantially lower than the cost of storage from other major vendors. Read the full reports at www.netapp.com/tco.



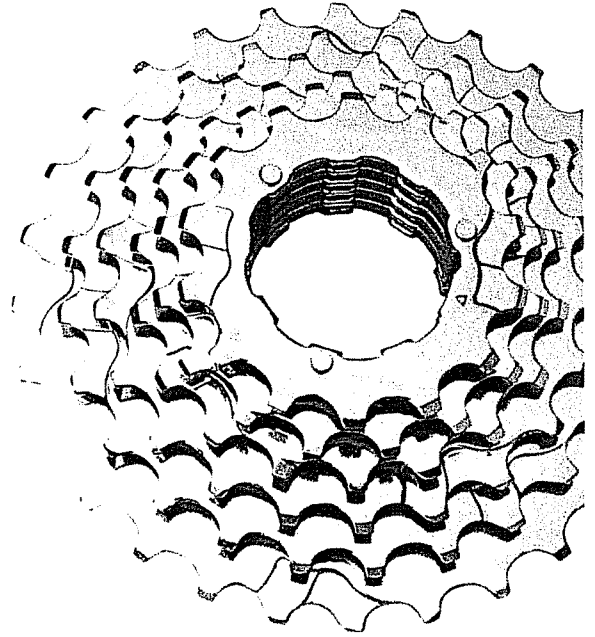
www.netapp.com

NetApp creates innovative storage and data management solutions that accelerate business breakthroughs and deliver outstanding cost efficiency. Discover our passion for helping companies around the world go further, faster at NetApp.com

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NetApp™
Go further, faster



Software

FAS2000 Software Packs

Software packs for your FAS2000 storage system offer exceptional capabilities, value, and simplicity

KEY BENEFITS

Exceptional Value

Take advantage of a robust set of features included with every system, plus economical add-on software packs.

Simplicity

Easy-to-use data management software comes in five simple software packs.

Unmatched capabilities

FAS2000 software packs bring a broad range of proven, compelling, enterprise-class data management capabilities to entry systems.

CHALLENGES

Powerful capabilities for data protection and data management are critical on all storage systems. However, entry-level system environments also require simplicity of ordering, installation, and management.

THE SOLUTION:

NETAPP FAS2000 SOFTWARE PACKS

NetApp delivers data management software using a robust set of capabilities that are included with every FAS2000 system, plus optional add-on software packs for additional capabilities. With this approach, FAS2000 software packs provide the flexibility to take advantage of breakthrough capabilities, while maximizing value with a very economical solution.

Base software provides unique data protection capabilities and superior storage utilization

Every FAS2000 system comes standard with the Data ONTAP® 7G operating system and an unmatched set of data management features:

- NetApp® Snapshot™: A point-in-time copy solution that enables rapid data restore, requires only a minimal amount of incremental disk space, and uniquely has no performance impact

- Storage pooling, which coupled with thin provisioning enables storage utilization up to 2X of traditional approaches and eliminates performance bottlenecks by distributing volumes over many spindles
- Thin provisioning, whereby many applications share a common pool of free space on demand, enabling increased storage utilization
- Ability to resize volumes on the fly
- Unique low-overhead double-parity RAID-DP®, which provides protection against two failures in a RAID group
- Flexibility to store only one copy of each unique data object through deduplication
- Disk mirroring
- Workload prioritization, making sure higher priority workloads get more storage system resources
- SAN protocols iSCSI and FCP to support FC SAN and/or IP SAN
- Integrated support for tiered storage, including near-line
- System administration using a Windows® OS-style user interface for Windows server system administrators or a command-line interface
- Comprehensive monitoring of system health and performance

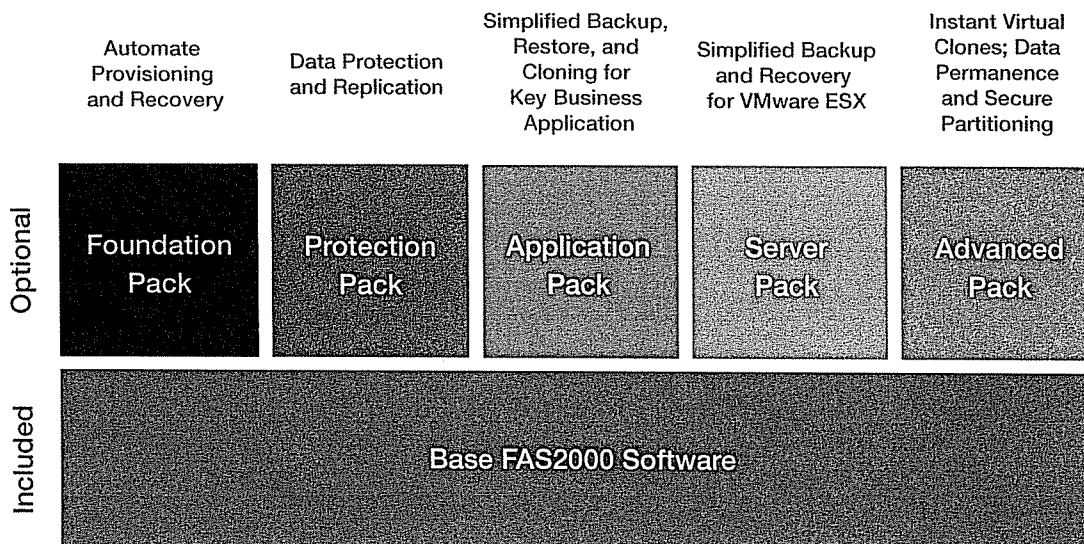


Figure 1) FAS2000 software packs.

In addition to this powerful set of base capabilities provided that are included with every FAS2000 system, optional add-on software packs deliver additional capabilities.

Foundation Pack provides automated provisioning and recovery
Foundation Pack provides key capabilities for primary storage across all key solutions and automating provisioning and local backup/restoration of a NetApp environment.

- Restore volumes or file systems of any size in seconds using Snapshot copies.
- Implement policy-based automated provisioning, enabling storage to be provisioned much faster than with manual provisioning and with fewer errors.
- Prepare primary storage for automated disk-to-disk backup. By copying only the individual data blocks that have changed since the last backup, both storage capacity and network bandwidth requirements are minimized compared to other approaches.

Protection Pack: Fast, simple, reliable data protection

Protection Pack provides powerful capabilities for secondary storage, across all business and technical applications, and for infrastructure-level business continuance and backup/restore solutions.

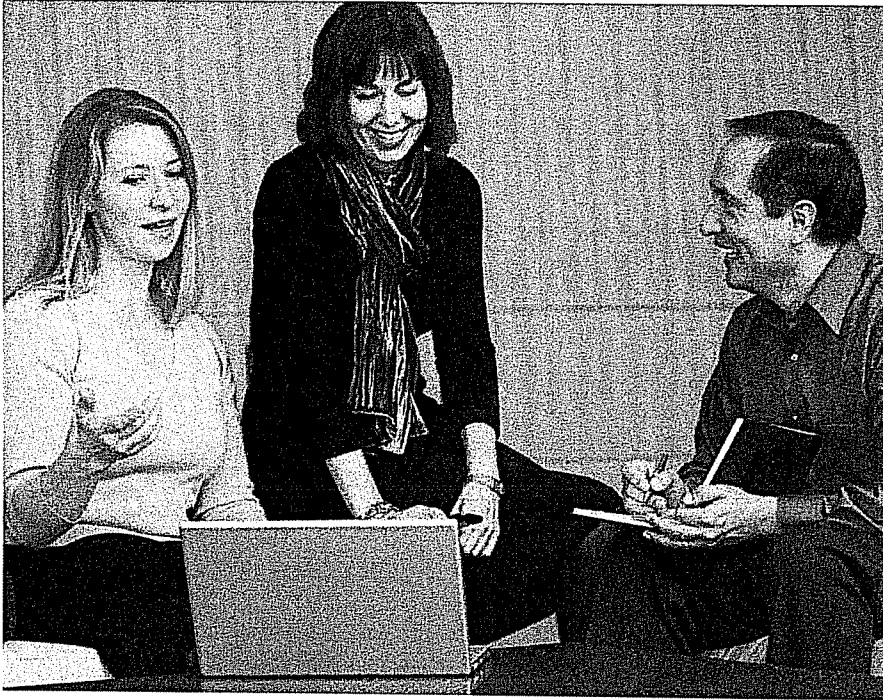
- Replicate data across a global network to enable disaster recovery solutions or to centralize tape-based backups from multiple data centers.
- Simplify replication-based activities using policy-based automation to automatically discover and protect new data. Simplifies management and makes sure that all data is protected.
- Flexibly meet RTO/RPO requirements using a replication solution that is simple to deploy and manage.
- Restore data from a secondary system in seconds.
- Improve backup and restore speeds up to 92% compared to tape-based solutions.
- Minimize both bandwidth storage capacity and network bandwidth requirements, as only changed blocks are backed up or replicated.

NetApp provides the only single-vendor data protection solution fully integrated into the storage system.

Application Pack: Integrated data management from application toolsets
NetApp server-based software integrates with key business applications in order to simplify backup, recovery, replication, and cloning of application data.

- Available for SAP®, Oracle®, Microsoft® Exchange, Microsoft SQL Server®, Microsoft SharePoint® Server, and VMware® ESX
- For individual application solutions and for consolidations that include one or more of these business applications
- Fast, simple, automated backup, recovery, and cloning of application-consistent data
- Enable self-service data management for routine data management tasks, thus improving productivity and efficiency across the organization
- Add storage capacity or resize volumes without interrupting applications
- Enable Exchange Server administrators to recover individual messages, attachments, or mailboxes in minutes instead of hours or days of manual effort

With these capabilities of Application Pack, organizations can reduce costs and increase operational efficiencies by integrating data management into other application management processes.



Server Pack: Simplified backup and recovery for virtual server environments

Server Pack is specifically for VMware virtual server environments. It is a subset of software also available in the Application Pack.

- Fast, simple, automated backup and recovery of VMware virtual server environments
- Enable self-service data management for routine data management tasks, thus improving productivity and efficiency across the organization

These capabilities reduce costs and increase organizational efficiencies in virtualized environments.

Advanced Pack: Advanced data management and compliance

Advanced Pack offers a range of additional advanced data management capabilities.

- Generate instant virtual clones of production data, while requiring minimal incremental disk space. Accelerates test/dev and QA activities and reduces costs.
- Securely partition storage, supporting consolidations and/or multitenant environments.
- Provide flexibility to make sure of data permanence for primary or secondary storage in order to comply with various industry, corporate, or government regulations.
- Enable flexible retention policies for archival and compliance solutions to meet internal and external requirements.

ADDITIONAL NETAPP SOFTWARE FOR FAS2000

In addition to FAS2000 software packs, NetApp also offers various other capabilities through individual optional products:

- NAS protocols: NFS and CIFS are available for file-based workloads.
- Validation of data integrity in Oracle environments.

Table 1) FAS software pack components and functions.

FAS2000 SOFTWARE PACK	COMPONENTS	FUNCTIONS
Included system software	Snapshot	Point-in-time virtual copy
	FlexVol®	Storage pooling
	Thin Provisioning	"Just-in-time" storage provisioning
	RAID-DP	Low-overhead double-parity RAID (RAID 6)
	FlexShare®	Workload prioritization
	Deduplication	Store only one copy of each unique data object
	Operations Manager	Comprehensive health and performance monitoring
	NearStore®	Integrated near-line storage
	SyncMirror®	Local disk mirroring
	System Manager	Windows OS-based management tool
	FilerView®	CLI-based management tool
	FC protocol	Support for FC SAN
	iSCSI protocol	Support for IP SAN
	HTTP protocol	HTTP access
Foundation Pack	SnapRestore®	File/volume restore from Snapshot copies
	SnapVault® Primary	Enable disk-to-disk backup from primary system
	Provisioning Manager	Automates provisioning workflow
Protection Pack	SnapMirror®	Remote replication
	SnapVault Secondary	Enable disk-to-disk backup on secondary system
	Protection Manager	Policy-based data protection
Application Pack	SnapManager® (for Microsoft Exchange, Microsoft SharePoint Server, Microsoft SQL Server, Oracle, SAP, Virtual Infrastructure)	Enable and streamline application-aware backup, recovery, and cloning
	SnapDrive® (for Windows, UNIX®)	Automated provisioning; makes sure of host-consistent Snapshot copies
	Single Mailbox Recovery	Enable recovery of messages, attachments, and mailboxes for Microsoft Exchange
	NetApp DSM	Load-balancing and failover capabilities
Server Pack	SnapManager for Virtual Infrastructure	Simple, policy-based backup and recovery of virtual machines
	SnapDrive (for Windows, UNIX)	Automated provisioning; makes sure of host-consistent Snapshot copies
	NetApp DSM	Load-balancing and failover capabilities
Advanced Pack	FlexClone®	Instant virtual clones of production data
	MultiStore®	Secure partitioning and storage consolidation
	SnapLock® Compliance	Data permanence for government requirements
	SnapLock Enterprise	Data permanence for corporate requirements

NetApp creates innovative storage and data management solutions that accelerate business breakthroughs and deliver outstanding cost efficiency. Discover our passion for helping companies around the world go further, faster at NetApp.com.

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24-010 NetApps IT
ARTICLES OR SERVICES

NO	Item Number	Quantity	CDW-G		CDW-G Total Cost
			Unit Cost	Total Cost	
	FAS2050A-20X1000-BASE-R5	2	\$28,350.00		\$56,700.00
	FAS2050A-HA-SW-R5	4	\$1,001.08		\$4,004.32
	SW-BASE-PIK-P	4	NO-Bid		NO-Bid
	X1106A-R6	4	\$1,754.40		\$7,017.60
	X5515A-R6	4	\$60.00		\$240.00
	X6524-R6	8	\$75.00		\$600.00
	X6539-R6	16	\$108.00		\$1,728.00
	X800E-R6	16	NO-Bid		NO-Bid
	SIW-T2C-CIFS-C	4	\$2,481.54		\$9,926.16
	CS-A-INST-4R	1	\$16,466.16		\$16,466.16
	CS-A-INST-NBR	1	\$15,649.64		\$15,649.64
	DSX-14.0TB-QS-R5	2	\$23,582.40		\$47,164.80
	DS4243-1511-24S-QS-R5	2	\$52,155.60		\$104,311.20
	X5526A-R6	2	\$44.40		\$88.80
	X6558-R6	8	\$90.00		\$720.00
	X6561-R6	6	\$24.00		\$144.00
	SW-T2C-PROTECTION-PACK-P	4	\$7,769.46		\$31,077.84
	TOTAL				\$295,838.52
	Addendum #1				Yes
	Addendum #2				Yes
	Signed Bid Response Form				Yes

INDICATE BY A **A 60-DAY ACCEPTANCE**
INDICATE BY A **F BID CONFORMS TO DELIVERY**
TIME SPECIFIED IN BID SPECIFICATIONS.

CERTIFY THAT HAVE OPENED, READ AND RECORDED HEREIN ALL BIDS RECEIVED IN RESPONSE TO THE INVITATION.

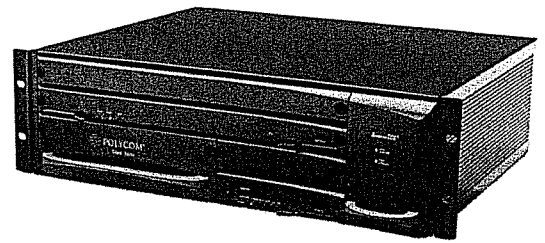
TYPED NAME: _____
 TITLE: _____
 DATE: _____

Christopher Rosman
 Purchasing Director

SIGNATURE _____

▶ Polycom® RMX 2000™

The Advanced Platform for Simplified Multipoint Conferencing



The Polycom RMX 2000 real-time media conference platform delivers high performance video and audio conferencing to any organization demanding life-like, reliable communications.

Advanced, Scalable Platform

The foundation of the Polycom RMX 2000 conference platform is its standards-based, modular architecture which enables organizations to leverage their existing and future conferencing investments. By optimizing its resources, regardless of call type, the Polycom RMX 2000 conference platform always operates at peak efficiency across all environments. The advanced architecture also facilitates superior performance, scale, and cost-effective integration of IP (H.323 and SIP), PSTN and ISDN conferencing services.

Simple and Accessible Conferencing

Easy to set up, easy to use and a powerful tool for collaboration, the Polycom RMX 2000 real-time media conference platform provides intuitive, high quality multipoint conferencing to end users, as well as unparalleled flexibility and control to administrators. Its straightforward user and administrator interfaces enable consistent, in-person communications experiences without cumbersome technology roadblocks, which increases productivity and speeds the rate of conferencing adoption.

Ultimate User Experience

The superior engineering and design principles of the Polycom RMX 2000 platform provide the perfect balance of conference power, control, and ease-of-use. Support for a range of video resolutions, flawless interactions via high-quality audio and content delivery and QoS control recreate the in-person meeting experience. Organizations benefit from improved communication, increased collaboration, and faster decision-making, enabling them to meet the challenges – and seize the opportunities – of today's interconnected world.

The Polycom RMX 2000 multipoint conference platform is the result of Polycom's sustained leadership in conferencing and is fundamental to the Polycom VC2 vision for transforming visual communication.

Find Out More

Learn what the Polycom RMX 2000 conference platform can do for your organization. Visit us at www.polycom.com or contact your Polycom representative.

Benefits

- ▶ Polycom UltimateHD™ – High definition video, audio, and content sharing
- ▶ Investment protection – High-scale, future-proof platform
- ▶ Multi-network support – IP (H.323, SIP), PSTN, and ISDN on a single chassis
- ▶ Easy, secure access from anywhere – Multi-tiered Web-based management
- ▶ Anytime, on demand conferencing – Always-on virtual meeting rooms
- ▶ Resilient multipoint conferencing – Polycom Lost Packet Recovery™ (LPR™)
- ▶ Best per call value – Flexible or fixed performance capacities

► Polycom RMX 2000 Specifications

The RMX 2000 Real-time Media Conference Platform is available in 20, 40, 80, 120, and 160 media resource configurations.

Physical dimensions

- 5" h. x 19" w. x 15" d., 3U (13.28 x 48.26 x 40 cm)
- Weight: Up to 36.38 lbs (16.5 Kg)
- Two slot media processing modules (MPM+ cards)
- Two slot application server (one for MCU management)
- Power supply
- Fan drawer
- Power: 100-240 VAC \pm 10%, 47-63 Hz; 900 W max power consumption
- Advanced Telecom Computing Architecture (AdvancedTCA®)

Operating Environment

- Operating temperature: 10° to 40° C (50° to 104° F), 3400 BTU/hr
- Storage temperature: -40° to 70° C (-40° to 158° F)
- Relative humidity: 15% to 90% noncondensing
- Operating altitude: 60 m (200 ft) below sea level to 3,000 m (10,000 ft) above sea level
- Transit/Storage: 60 m (200 ft) below sea level to 15,000 m (50,000 ft) above sea level

Video Support

- H.261, H.263, H.263++, H.264
- Up to 60 frames per second
- From QCIF to HD 1080p including intermediary resolutions (SIF, CIF, SD, WSD, and HD 720p)
- Up to HD 1080p in continuous presence (CP) transcoding (TX)
- 16:9 and 4:3 aspect ratio
- H.239 content sharing resolution (H.263/H.264): VGA, SVGA, XGA, HD
- Content to H.239 and non-H.239 endpoints
- Video Clarity™ to sharpen and upscale video

Audio Support

- G.711a/u, G.722, G.722.1C, G.722.1, G.723.1, Add G.719 G.729A, and Polycom Siren™ 14 and Siren 22 (in mono or stereo)
- IVR prompts for auto attendance
- User and managed mute control
- DTMF support
- Echo and keyboard noise suppression
- Audio Clarity to sharpen and upscale audio

Capacity

- Up to 160 media resources and 800 audio resources
- Flexible Resource Capacity™ supports up to:
 - 40 HD endpoints in CP
 - 60 SD endpoints in CP
 - 160 CIF endpoints in CP
 - 160 HD endpoints in Voice Switch (VSW) mode

- 800 audio endpoints
- Fixed Resource Capacity sets RMX 2000 resources for constant capacity no matter what the call type
- Supports a single conference without cascading of up to 200 audio or 160 video participants
- Integration with Polycom Distributed Media Application™ (DMA™) 7000 supports up to 1200 active participants, for high-scale, redundant conferencing

Management Tools

- RMX Manager offers Web-based access and application-based access
- Multi-RMX Manager—View up to 10 RMX platforms
- Administrator, operator, auditor, and chairperson views
- Onboard shelf management monitors and maintains hardware elements
- Complete XML API kit for 3rd party application integration
- Up to 2000 address book entries
- Address book quick search
- Operator conference
- Move participant between conferences
- Conference templates to easily save layouts for recurring meetings
- Internal reservation calendar for scheduling
- Scheduling options
 - Internal reservation calendar
 - Scheduling and gatekeeping functions via Polycom Converged Management Application™ (CMA™) 4000/5000
 - Polycom® Conferencing for Microsoft Outlook
- External database access (LDAP/AD)

Language Support

- English, Simplified Chinese, Traditional Chinese, Japanese, Russian, German, Korean, Spanish, French, Italian, Portuguese, Norwegian
- Double Byte (Unicode) site names

Network Support

- IP H.323 and SIP
- PSTN and VoIP voice
- ISDN (H.320)
- IPv4 and IPv6
- 10/100/1000 Mb interface
- 64 Kbps to 6 Mbps conference data rates
- Up to 768 kbps for content
- Gateway calls
- Direct dial-in from any network

Transcoding

- Audio algorithms
- Video algorithms
- Networks
- Resolution

- Frame rates
- Bit rates

IP QoS

- Polycom Lost Packet Recovery™
- DiffServ
- IP Precedence
- Dynamic jitter buffer
- Voice and video error concealment

Security

- AES media encryption (IP and ISDN)
- Transport layer security (SIP)
- Separation of management and media networks
- Tiered administrative access levels
- Secure conference mode
- Strong password policy

Approval and Compliance

- CE
- UL, ETL, CB
- EMC: FCC 47CFR PART 15, VCCI, AS/NZS CISPR 22, ICES-003
- Safety: UL 60950-1, IEC 60950-1, EN 60950-1
- RoHS 6

Conferencing Highlights

- Integration with Polycom RSS(TM) series for recording and streaming
- Support for Polycom immersive telepresence rooms (Polycom RPX™, Polycom TPX™) HD multipoint conferencing
- Polycom Conferencing for Microsoft Outlook
- Unified conferencing (voice, video and data)
- Up to 24 different conference layouts
- Personal and auto layout options
- Layout range 1x1 to 4x4
- Advanced Polycom Click&View™
- Layout background (skin) options
- Lecture and presentation mode
- Roll call
- Closed caption
- Conference profiles
- Conference templates
- Far-end camera control (FECC) H.224/H.281, H.323 annex Q and SIP FECC
- Conference dial out and dial in
- Up to 1000 Meeting Rooms
- Advanced IVR flow
- Multilingual and transparent site name options
- H.239 support over H.323 cascaded links (between any Polycom bridges)

Warranty

One (1) year limited hardware warranty: unit returned to Polycom factory within 30 days after receipt; 90-day software warranty: bug fixes / minor releases. Please contact your Polycom reseller or a Polycom sales representative for more details.

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