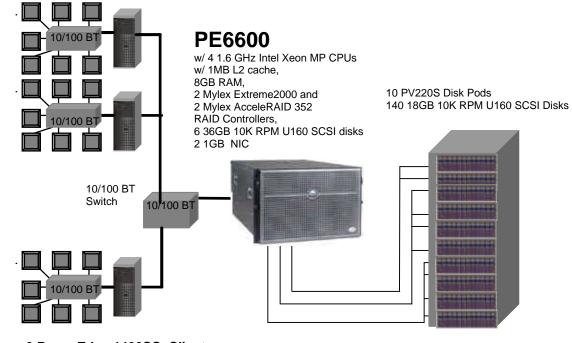
D&L		PowerEdge 6600 Client/Server w/3 PE1400 Front Ends					TPC-C Rev 5.0 Report Date June 01, 2002			
Total System Co	Total System Cost		ghput	Pric	e/Performance	Availability Date				
\$183,957		34,914.92 t	pmC	\$!	5.27/ tpmC	Jur	า 01, 2002			
Processors		Database Manager	OS	OS Other Softwar		re	Number of Users			
4 x Intel Xeon™ MP Processors 1.6 GHz 1MB L2 Cache		Microsoft QL Server 2000 terprise Edition	Micros Windo 200 Advan Serv	ows 0 ced	Windows 2000 Se w/ COM+ Internet Informat Server 5.0 Microsoft Visual 0	tion	28,080			
		□ PE6	600							



3 PowerEdge 1400SC Clients

System Component		Server	Each Client	
Processors	4	Intel Xeon MP @ 1.6GHz	1	Pentium® III w/ 256 KB L2
Cache		1MB cache		3 clients @ 1 GHz
Memory		8192 MB		512 MB
Disk Controllers	2	Mylex ExtremeRAID 2000	1	Adaptec On-Board
	2	Mylex AcceleRAID 352		
	1	Adaptec On-Board		
Disk Drives	140	18 GB SCSI	1	18 GB
	6	36 GB SCSI		
	1	9 GB SCSI		
Total Storage		2,609 GB		18 GB
Other	2	1GB NIC	2	10/100MB BT NIC
	1	CD-ROM	1	
	1	DAT		

Dell	F	PowerEdge 6600				TPC-C REV 5.0 EXECUTIVE SUMMARY PAGE 2 OF 2			
		Client/Server			Report Date: 01-June-02				
Description	Part Number	Third Party		Unit Price	Qty	Extended Price	3 yr. Maint. Price		
Server Hardware		Brand	Pricing			11100	11100		
Dell PowerEdge 6600	220-8304		1	8,142	1	8,142	1,299		
Intel Xeon MP 1.6GHz / 1MB L2 - 4 processors	311-1528		1	14,999	1	14,999	-		
8 GB,DDR, 16 x 512MB DIMMS	311-1548		1	7,184	1	7,184	-		
18 GB U160M SCSI 10K RPM Hard Drive	340-2769		1	249	1	249	-		
Tape Backup Unit	340-7412		1	1,099	1	1,099	-		
Dell 15" Monitor	320-0960		1	149	1	149	-		
Extreme RAID 2000 PCI SCSI 4 channel RAID controller***	08P3834	Mylex	3	1,320	4	5,280	-		
AcceleRAID 352 PCI SCSI 2 Channel RAID controller***	08P2420	Mylex	3	598	2	1,196	-		
					Subtotal	38,298	1,299		
PowerVault Disk Subsystem					_				
PV220S, U3 SCSI, PS, Rack mount	220-4476, etc.		1	2,756	10	27,560	6,000		
SCSI Cables	310-0679		1	99	5	495	-		
18 GB SCSI 10K RPM Hard Drive *	340-2769		1	249	140	34,860	-		
36 GB SCSI 10K RPM Hard Drive *	340-6762		1	499	6	2,994	-		
42U Rack	220-4492		1	1,184	1	1,184	-		
					Subtotal	67,093	6,000		
Server Software					_				
SQL Server 2000 Ent Edition, Per processor licensing **	810-00846	Microsoft	2	16,541	4	66,164	5,850		
Windows 2000 Advanced Server, 25 Client Licenses **	C10-00475	Microsoft	2	2,399	1_	2,399	-		
					Subtotal	68,563	5,850		
Client Hardware									
Dell PowerEdge 1400SC, 1.13 GHz Pentium III w/ 256KB L2	220-2308		1	648	3	1,944	1,434		
512MB RAM, 4 DIMMs	311-1194		1	408	3	1,224	-		
18GB,U160,10K, SCSI Hard Drive,	340-1964		1	249	3	747	-		
Ether Express PRO 100+ Ethernet Adapter	430-1970	Intel	1	59	6	354	-		
Dell 15" Monitor	320-0960		1	149	3_	447	-		
					Subtotal	4,716	1,434		
Client Software									
Windows 2000 Server, 5 Client Licenses **	C11-00821	Microsoft	2	738	3	2,214	-		
Visual C++ Professional 6.0 Win32 **	048-00317	Microsoft	2	549	1_	549	-		
					Subtotal	2,763	-		
User Connectivity									
16 Port Ethernet Switch	220-1499	Dell	1	129	1_	129	105		
					Subtotal	129	105		
		Discou	ınts****		=	(12,293)	-		
					Total	169,269	14,688		
Notes: * Maint. included in PowerVault 220S disk pod or PV650F	630F fibre channel o	disk pod		Т	hree-Year Co	st of Ownership:	\$183,957		
** All Microsoft maintenance is covered by the maintenance costs of Microsoft SQL Server									
*** 10% or minimum 2 spares are added in place of onsite service (products have a five year						tpmC Rating:	34914.92		
return-to-vendor warranty) Pricing: 1 - Dell 2 - Microsoft 3 - Computer Giants									
**** Discount based upon total system cost as purchased by a req	gular customer. Pricir	ng may be veri	ied by						
calling 1-800-BUY-DELL referencing quote numbers 83087166 as complex quotes.									
Audited by Lorna Livingtree, Performance Metrics Inc.						\$/tpmC:	5.27		
Prices used in TPC benchmarks reflect the actual prices a cust	tomer would pay for	a one-time pur	chase of the s	stated compon	ents. Individua	ally negotiated			

discounts are not permitted. Special prices based on assumptions about past or future purchases are not permitted. All discounts reflect standard pricing policies for the listed components. For complete details, see the pricing sections of the TPC benchmark specifications. If you find that the stated prices are not available

according to these items, please inform the TPC at pricing @tpc.org.

according to these items, please inform the TPC at pricing @tpc.org.

MQTh, computed Maximum Qualified Throughput						34914.92 tpmC		
Response Times (in seconds) - Neworder - Payment - Order Status - Delivery (interactive portion) - Delivery (deferred portion) - Stock-Level - Menu			000000000000000000000000000000000000000	erage 0.49 0.31 0.38 0.14 0.58 0.11 0.14 0.14	90th 0.74 0.52 0.60 0.24 1.00 3.67 0.25	Max 5.60 2.91 5.75 1.09 2.02 9.18 1.34		
Response time delay added for emulated components					Menu 0.1 Resp 0.1			
Transaction Mix, in percent of total transactions								
New-OrderPaymentOrder-StatusDeliveryStock-Level						44.84% 43.06 % 4.03 % 4.04 % 4.04 %		
Keying/Think Times (in seconds),	Min	1	Ave	erage	Max			
New-OrderPaymentOrder-StatusDeliveryStock-Level	18.01 3.01 2.01 2.01 2.01	0.0 0.0 0.0 0.0 0.0	18.03 3.03 2.03 2.03 2.03	12.04 12.04 10.06 5.06 5.06	18.29 3.26 2.17 2.21 2.16	120.45 120.46 100.42 50.42 50.42		
Test Duration - Ramp-up time - Measurement interval - Number of checkpoints - Checkpoint interval					120	minutes minutes 4 minutes		
- Number of transactions (all types) completed in measurement interval					9	,720,997		