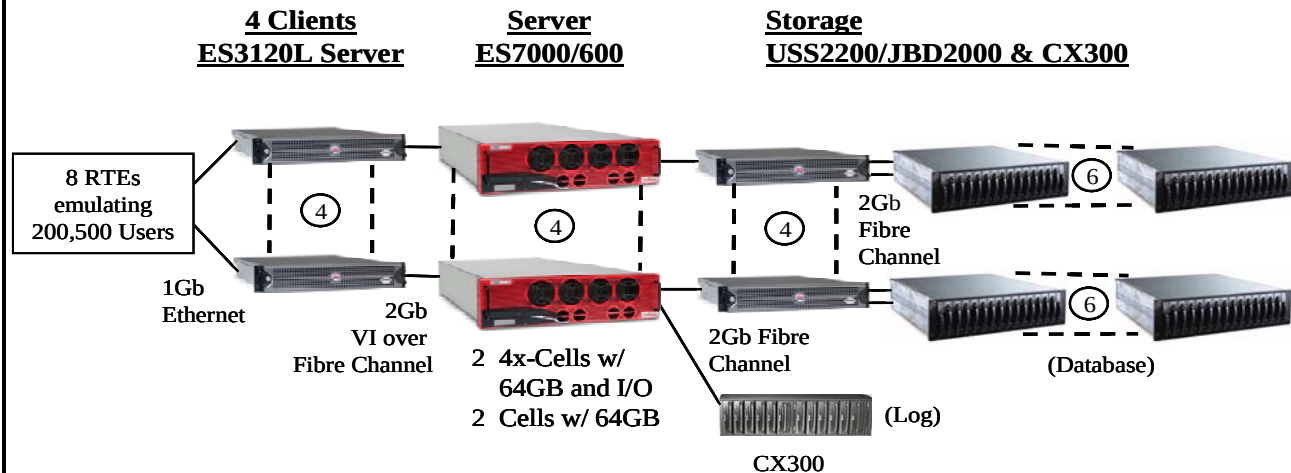


UNISYS		ES7000/600 Enterprise Server (8P)		TPC-C Rev. 5.4	
				Report Date November 7, 2005	
Total System Cost		TPC-C Throughput	Price Performance		Availability Date
\$915,523 USD		251,691 tpmC	\$3.64 USD/tpmC		May 5, 2006
Processors	Database Manager	Operating System		Other Software	Number of Users
8 - Database 8 - Clients	Microsoft SQL Server 2005 Enterprise x64 Edition	Microsoft Windows Server 2003, Enterprise x64 Edition		Windows Server 2003 w/ IIS 6.0 and COM+ Microsoft Visual C++	200,500



System Components	Qty.	Server	Qty.	Each Client (4)
Processors	8	3.33GHz 64-bit Intel® Xeon™ Processor MP, 8MB Lvl 3 Cache	2	3.4GHz 64-bit Intel® Xeon™ Processor, 2MB Lvl 2 Cache
Cache				
Memory	4	64 GB	2	1 GB
Disk Controllers	5	PCI Fibre Channel	1	Inbuilt SCSI
	1	PCI SAS RAID (boot)		
Disk Drives	287	18GB FC 15K rpm	1	36GB SCSI 15K rpm
	49	36GB FC 15K rpm		
	12	146GB FC 10K rpm		
	2	36GB SAS 10K rpm (boot media)		
Total Storage		7.8 TB		34.3 GB
Other	4	Inbuilt 1Gb NIC (0 used)	2	Inbuilt 1Gb NIC (1 used)
	2	PCI VI-over-FC Controller	1	PCI VI-over-FC Controller
	1	IDE DVD-R/RW; CD-R/RW	1	IDE CD-ROM

Numerical Quantities Summary**MQTh, Computed Maximum Qualified Throughput:** **251,691 tpmC****Response Times, in seconds**

Transaction	90th %ile	Average	Maximum
New-Order	0.40	0.27	5.25
Payment	0.39	0.26	5.27
Order-Status	0.40	0.27	4.92
Delivery (interactive portion)	0.28	0.19	1.00
Delivery (deferred portion)	0.19	0.14	4.80
Stock-Level	0.48	0.32	1.63
Menu	0.28	0.19	1.55

Response time delay added for emulated components, in seconds

RT Response time	0.1
Menu Response time	0.1

Transaction Mix, in percent of total transactions

New Order	44.92%
Payment	43.03%
Order-Status	4.01%
Delivery (interactive portion)	4.00%
Stock-Level	4.01%

Keying / Think Time Times, in seconds

Transaction	Minimum	Average	Maximum
New Order	18.01 / 0.00	18.01 / 12.03	18.03 / 120.31
Payment	3.01 / 0.00	3.01 / 12.03	3.03 / 120.31
Order-Status	2.01 / 0.00	2.01 / 10.07	2.03 / 100.70
Delivery (interactive portion)	2.01 / 0.00	2.01 / 5.06	2.03 / 50.61
Stock-Level	2.01 / 0.00	2.01 / 5.06	2.03 / 50.61

Test Duration

Ramp up time	117 minutes
Measurement interval (M)	120 minutes
Transactions (all types) completed during measurement interval	67,223,171
Ramp-down time	6 minutes

Checkpointing:

Number of checkpoints	4
Checkpoint interval	30 minutes