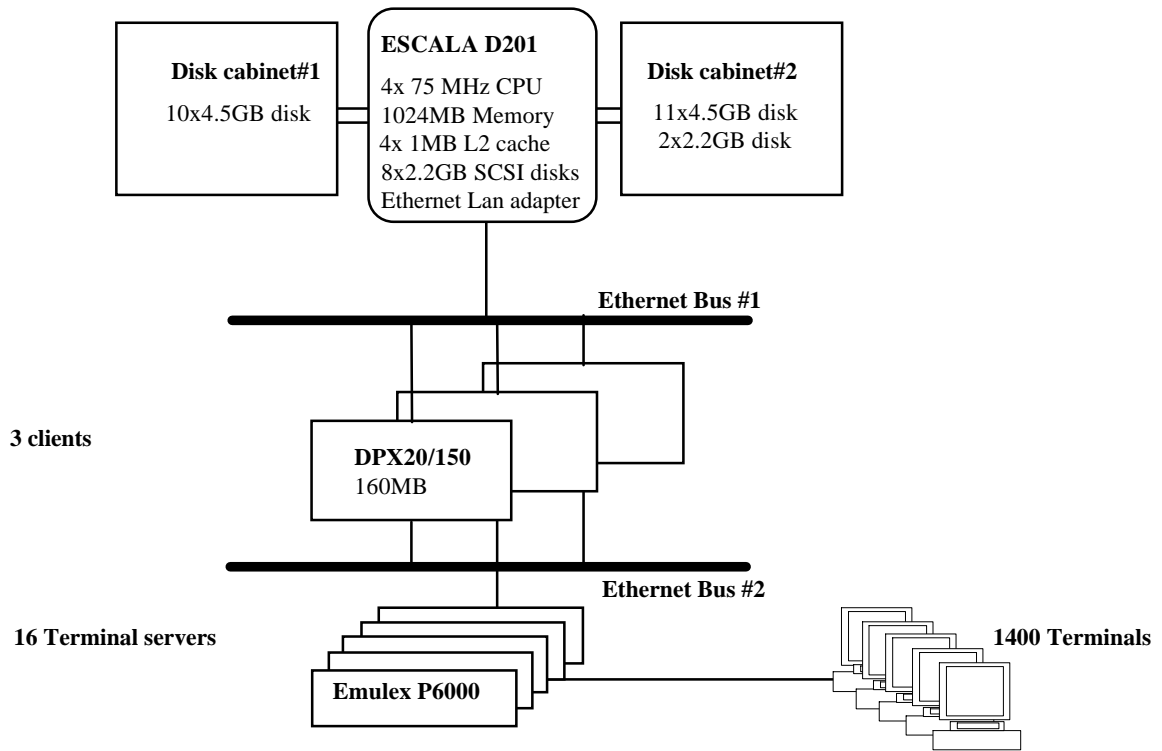


<b>Bull S.A Informix</b>	<b>ESCALA D201/4</b>		TPC-C Rev.3.0
			Report Date May, 1995
Total System	TPC-C Local Throughput	Price / Performance	Availability date
<b>\$858,266</b>	<b>1562.93 tpmC</b>	<b>\$549 per tpmC</b>	<b>May, 1995</b>
Processors	Database Manager	Operating System	Other Software
<b>4Power PC 601 @75Mhz</b>	<b>INFORMIX OnLine 7.1</b>	<b>System AIX 4.1.2</b>	<b>TCP-IP Informix ESQL-C Tuxedo 4.2.2 V2</b>
			<b>Number of users</b>
			<b>1400</b>

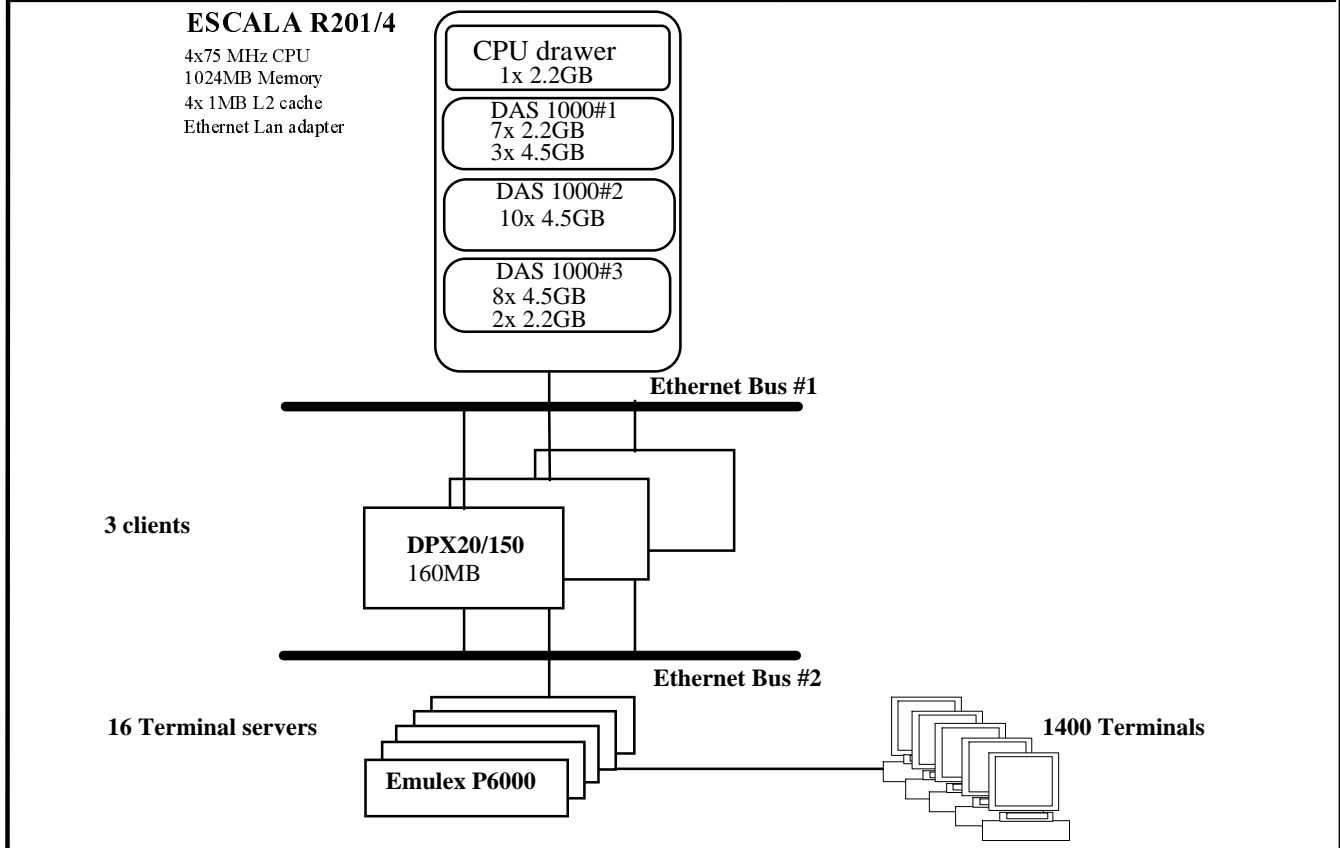


System Components	Server		Clients	
	Qty	Type	Qty	Type
Processors	4	Power PC 601@75Mhz	3	Power PC 601@66Mhz
Cache	4	1MB L2		
Memory(MB)		1024MB	3	160MB
Disk Controllers	6	SCSI2 F/W	3	1 SCSI
Disk Drives	31	10x2.2 GB SCSI-2, 21x4.5GB	3	1 GB SCSI-2
Total GB of Storage		109.2GB (formatted)	3	1GB
Tape Drives	1	8mm 5GB cartridge tape		
Terminals	1	BQ306 console	3	1 BQ306 console
			1400	BQ306
Terminal Controllers			16	Emulex Terminal Server

<b>Bull S.A</b>		<b>ESCALA</b>			<b>TPC-C Rev3.0</b>		
<b>Informix</b>		<b>D201 /4</b>			<b>Report Date: May, 95</b>		
<b>ItemDescription</b>	<b>MI</b>	<b>Unit Price (\$)</b>	<b>QTY</b>	<b>Extended Pri (\$)</b>	<b>unit annu: maint (\$)</b>	<b>Maint (\$)</b>	<b>Total</b>
ESCALA D201 4WAY PACKAGED SYSTEM	CPKG06U000	\$105,000	1	\$105,000	\$2,964	\$11,856	\$116,856
2*2PWPC601,512MB,SCSI2 F/W, DK 5*2.2GB, CD ROM, ETH,VDAT,AIX unlimit							
256MB Memory module	CMMG015-0000	\$28,600	2	\$57,200	\$0	\$0	\$57,200
SYSTEM CONSOLE BQ 306 (White display, AZERTY kbd, conn. cable)	CSUG002-1100	\$641	1	\$641	\$12	\$48	\$689
3.5M CABLE LOCAL RS232 (D25F/D25M)	CBLG104-1600	\$100	1	\$100	\$0	\$0	\$100
Disk cab. with 14 open bays for disks or medias	CABG015-0000	\$7,800	2	\$15,600	\$384	\$3,072	\$18,672
2.2GB HI SPEED SCSI-2 DISK DRIVE (CRU)	MSUG048-0C00	\$3,200	5	\$16,000	\$216	\$4,320	\$20,320
4.5GB HI SPEED SCSI-2 DISK DRIVE (CRU)	MSUG049-0C00	\$5,300	21	\$111,300	\$360	\$30,240	\$141,540
3 1/2 to 5 1/4 form factor adaptor	CKTG047-0000	\$88	1	\$88	\$0	\$0	\$88
Supply InterFace Board (SIF10)	PSSG003-0000	\$440	2	\$880	\$0	\$0	\$880
SCSI-2 F/W DE Ext Disk Adapter	MSCG012-0000	\$1,370	4	\$5,480	\$0	\$0	\$5,480
2MSCSI CABLE (SCSI2-DE basic or exp. cab.to BHS other cabinet )	CBLG102-1300	\$245	4	\$980	\$0	\$0	\$980
	<b>total server</b>			<b>\$313,269</b>		<b>\$49,536</b>	<b>\$362,805</b>
DPX/20 150 SYSTEM 2USERS	CPXG071-0000	\$5,450	3	\$16,350	\$900	\$10,800	\$27,150
4 TO 32MB SIMM MEMOPTN (PPC)	CMOG015-0000	\$2,605	12	\$31,260	\$0	\$0	\$31,260
8MB SIMM MEMORY	CMMG002-0000	\$700	12	\$8,400	\$0	\$0	\$8,400
1GB SCSI-2 DISK DRIVE	MSUG014-0A00	\$1,800	3	\$5,400	\$0	\$0	\$5,400
3.5" 2.88MB DISKETTE DRIVE	DDUG001-0000	\$325	3	\$975	\$0	\$0	\$975
ETHERNET LAN ADAPTER	DCCG013-0000	\$720	3	\$2,160	\$0	\$0	\$2,160
ETHERNET 10-BASE-T TRANSCEIVER	CKTG011-0000	\$280	3	\$840	\$0	\$0	\$840
SYSTEM CONSOLE BQ 306 (White display, AZERTY kbd, conn. cable)	CSUG002-1100	\$641	3	\$1,923	\$12	\$144	\$2,067
3.5M CABLE LOCAL RS232 (D25F/D25M)	CBLG104-1600	\$100	3	\$300	\$0	\$0	\$300
	<b>total clients hw</b>			<b>\$67,608</b>		<b>\$10,944</b>	<b>\$78,552</b>
AIX(TM) V3.2 BASE LICENCE - CLASS D - 2 USERS	EXSG004-JD0A	\$0	3	\$0	\$36	\$432	\$432
AIX(TM) V3.2 LICENCE UPGRADE - CLASS D - 3 TO 8 USERS	EXSG004-JD0N	\$1,390	3	\$4,170	\$72	\$864	\$5,034
AIX(TM) V3.2 LICENCE UPGRADE - CLASS D - 9 TO 16 USERS	EXSG004-JD0P	\$1,490	3	\$4,470	\$84	\$1,008	\$5,478
AIX(TM) V3.2 LICENCE UPGRADE - CLASS D - 17 and ABOVE	EXSG004-JD0Q	\$2,330	3	\$6,990	\$132	\$1,584	\$8,574
TUXEDO SYSTEM/T BASE CLASS I	TPDJ200-JABA	\$1,702	3	\$5,107	\$204	\$2,448	\$7,555
TUXEDO SYS/T BASE DPX/20M&D VD	TPDJ200-SJVE	\$208	3	\$625	\$0	\$0	\$625
	<b>total clients sw</b>			<b>\$21,362</b>		<b>\$6,336</b>	<b>\$27,698</b>
Emulex base unit	P600/BNC	\$2,040	16	\$32,640	\$0	\$0	\$32,640
Emulex base unit (spares)	P600/BNC	\$2,040	2	\$4,080	\$0	\$0	\$4,080
Emulex 8-port line cards	PE6008J	\$180	175	\$31,500	\$0	\$0	\$31,500
Emulex 8-port line cards(spares)	PE6008J	\$180	15	\$2,700	\$0	\$0	\$2,700
BQ306 WHITE SCREEN AND LOGIC	DTUK006-01F0	\$0	1400	\$0	\$0	\$0	\$0
US INTL QWY 102K/PC/AT KEYBRD	KBU303I	\$0	1400	\$0	\$0	\$0	\$0
	<b>total terminal server</b>			<b>\$70,920</b>		<b>\$0</b>	<b>\$70,920</b>
Informix Online (1400 users)	runtime		1	\$244,500		\$58,680	\$303,180
Informix Embedded SQL/C (1400 users)	runtime		1	\$42,000		\$10,080	\$52,080
Informix Online (1user)	Full development		1	\$1,500		\$1,080	\$2,580
Informix Embedded SQL/C (1 user)	Full development		1	\$375		\$300	\$675
				<b>\$288,375</b>		<b>\$70,140</b>	<b>\$358,515</b>
	<b>TOTAL THIRD PARTY COST</b>			<b>\$359,295</b>		<b>\$70,140</b>	<b>\$429,435</b>
	<b>system total</b>			<b>\$761,534</b>		<b>\$136,956</b>	<b>\$898,490</b>
	<b>discounts on HW</b>		%	volume			
	volume		10%	\$402,239		-	\$402,239
	<b>Total 5 years system cost</b>						<b>\$858,266</b>
	<b>tpmC</b>						<b>1562.93</b>
	<b>\$/tpmC</b>						<b>\$549</b>

Note : Audited by François Raab of Information Paradigm

<b>Bull S.A Informix</b>	<b>ESCALA R201/4</b>		TPC-C Rev.3.0
			Report Date: May, 1995
Total System	TPC-C Local Throughput	Price / Performance	Availability date
<b>\$912,331</b>	<b>1562.93 tpmC</b>	<b>\$584 per tpmC</b>	<b>May, 1995</b>
Processors	Database Manager	Operating System	Other Software
<b>4Power PC 601 @75Mhz</b>	<b>INFORMIX OnLine 7.1</b>	<b>System AIX 4.1.2</b>	<b>TCP-IP Informix ESQ-L-C Tuxedo 4.2.2 V2</b>
			<b>1400</b>



System Components	Server		Client	
	Qty	Type	Qty	Type
Processors	4	Power PC 601@75Mhz	3	Power PC 601@66Mhz
Cache	4	1MB L2		
Memory(MB)		1024MB	3	160MB
Disk Controllers	6	SCSI2 F/W	3	1 SCSI
Disk Drives	31	10x2.2 GB SCSI-2, 21x4.5GB	3	1 GB SCSI-2
Total GB of Storage		109.2GB (formatted)	3	1GB
Tape Drives	1	8mm 5GB cartridge tape		
Terminals	1	BQ306 console	3	1 BQ306 console
			1400	BQ306
Terminal Controllers			16	Emulex Terminal Servers

Bull S.A		ESCALA			TPC-C Rev3.0			
Informix		R201 /4			Report Date: May, 95			
Item Description	MI	Unit Price (\$)	QTY	Extended Price (\$)	unit annual maint (\$)	Maint (\$)	Total	
ESCALA R201 4WAY PACKAGED SYSTEM	CPKG064U0000	\$125,000	1	\$125,000	\$4,380	\$17,520	\$142,520	
2*2PWPC601,512MB,SCSI2 F/W, DK 10*2.2GB,CD ROM, ETH,V DAT,AIX unlimit								
256MB Memory module	CMMG015-0000	\$28,600	2	\$57,200	\$0	\$0	\$57,200	
SYSTEM CONSOLE BQ 306 (White display, AZERTY kbd, conn. cable)	CSUG002-1100	\$641	1	\$641	\$12	\$48	\$689	
3.5M CABLE LOCAL RS232 (D25F/D25M)	CBLG104-1600	\$100	1	\$100	\$0	\$0	\$100	
DAS 1000 DISK ARRAY SUBSYSTEM - 10 DRIVE RACK CHASSIS	DASG018-0000	\$5,500	2	\$11,000	\$324	\$2,592	\$13,592	
2.2GB HI SPEED SCSI2 DISK FOR D.A.S.	MSUG048-0D00	\$3,800	5	\$19,000	\$264	\$5,280	\$24,280	
4.5GB HI SPEED SCSI2 DISK FOR D.A.S.	MSUG049-0D00	\$6,500	21	\$136,500	\$444	\$37,296	\$173,796	
SCSI-2 F/W DE Ext Disk Adapter	MSCG012-0000	\$1,370	5	\$6,850	\$0	\$0	\$6,850	
8BIT Y-CABLE F/W SE/DE ADPTR	CKTG050-0000	\$430	5	\$2,150	\$0	\$0	\$2,150	
6M SCSI2 ADAPTER TO D.A.S CABLE	CBLG100-1800	\$200	5	\$1,000	\$0	\$0	\$0	\$1,000
				<b>\$359,441</b>		<b>\$62,736</b>	<b>\$422,177</b>	
DPX/20 150 SYSTEM 2USERS	CPXG071-0000	\$5,450	3	\$16,350	\$900	\$10,800	\$27,150	
4 TO 32MB SIMM MEM OPTN (PPC)	CMOG015-0000	\$2,605	12	\$31,260	\$0	\$0	\$31,260	
8MB SIMM MEMORY	CMMG002-0000	\$700	12	\$8,400	\$0	\$0	\$8,400	
1GB SCSI-2 DISK DRIVE	MSUG014-0A00	\$1,800	3	\$5,400	\$0	\$0	\$5,400	
3.5" 2.88MB DISKETTE DRIVE	DDUG001-0000	\$325	3	\$975	\$0	\$0	\$975	
ETHERNET LAN ADAPTER	DCCG013-0000	\$720	3	\$2,160	\$0	\$0	\$0	\$2,160
ETHERNET 10-BASE-T TRANSCEIVER	CKTG011-0000	\$280	3	\$840	\$0	\$0	\$840	
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3.5M CABLE LOCAL RS232 (D25F/D25M)	CBLG104-1600	\$100	3	\$300	\$0	\$0	\$300	
	<b>total clients hw</b>			<b>\$67,608</b>		<b>\$10,944</b>	<b>\$78,552</b>	
AIX(TM) V3.2 BASE LICENCE - CLASS D - 2 USERS	EXSG004-JD0A	\$0	3	\$0	\$36	\$432	\$432	
AIX(TM) V3.2 LICENCE UPGRADE - CLASS D - 3 TO 8 USERS	EXSG004-JD0N	\$1,390	3	\$4,170	\$72	\$864	\$5,034	
AIX(TM) V3.2 LICENCE UPGRADE - CLASS D - 9 TO 16 USERS	EXSG004-JD0P	\$1,490	3	\$4,470	\$84	\$1,008	\$5,478	
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TUXEDO SYSTEMT BASE CLASS I	TPDJ200-JABA	\$1,702	3	\$5,107	\$204	\$2,448	\$7,555	
TUXEDO SYS/T BASE DPX/20M&D VD	TPDJ200-SJVE	\$208	3	\$625	\$0	\$0	\$625	
	<b>total clients sw</b>			<b>\$21,362</b>		<b>\$6,336</b>	<b>\$27,698</b>	
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Emulex 8-port line cards(spares)	PE6008J	\$180	15	\$2,700	\$0	\$0	\$2,700	
BQ306 WHITE SCREEN AND LOGIC	DTUK006-01F0	\$0	1400	\$0	\$0	\$0	\$0	
US INTL QWY 102K.PC/AT KEYBRD	KBU3031	\$0	1400	\$0	\$0	\$0	\$0	
	<b>total terminal server</b>			<b>\$70,920</b>		<b>\$0</b>	<b>\$70,920</b>	
Informix Online (1400 users)	runtime		1	\$244,500		\$58,680	\$303,180	
Informix Embedded SQL/C (1400 users)	runtime		1	\$42,000		\$10,080	\$52,080	
Informix Online (1user)	Full development		1	\$1,500		\$540	\$2,040	
Informix Embedded SQL/C (1 user)	Full development		1	\$375		\$150	\$525	
				<b>\$288,375</b>		<b>\$69,450</b>	<b>\$357,825</b>	
	<b>TOTAL THIRD PARTY COST</b>			<b>\$359,295</b>		<b>\$69,450</b>	<b>\$428,745</b>	
	<b>system total</b>			<b>\$807,706</b>		<b>\$149,466</b>	<b>\$957,172</b>	
	<b>discounts on HW</b>		%	volume				
	volume		10%	\$448,411		-	\$44,841	
	<b>Total 5 years system cost</b>						<b>\$912,331</b>	
	<b>tpmC</b>						<b>1562.93</b>	
	<b>\$/tpmC</b>						<b>\$584</b>	

Note : Audited by François Raab of Information Paradigm