

All prices as of market close Thursday, May 31, 2002

Cash (as it is tallied here) = Cash + Securities. ( **Warning:** Cash + Securities data can lag earnings data - by many weeks!)

MC = Market Capitalization      **ttm** = Trailing Twelve Months

Companies are in order of -->      **TR = Tornado Ratio = (MC - CASH) / Revenue**

All "tracked" companies.

Company	Symbol	MC (mill.)	MC-Cash (mill)	MC/Rev. (ttm)	TR	Cash (mill.)	Rev. (ttm)	EPS (ttm)	P/E	Price	Shares (mill.)
Rare Medium	RRRR	\$ 13	-\$ 70	43.1	-231.6	\$ 84	\$ 0	-\$1.35	n/a	\$ 0.2	65.3
Liquid Audio, Inc.	LQID	\$ 59	-\$ 28	18.4	-8.6	\$ 86	\$ 3	-\$1.36	n/a	\$ 2.6	22.7
eBT International, Inc.	EBTI	\$ 5	-\$ 56	0.7	-7.6	\$ 60	\$ 7	-\$1.44	n/a	\$ 0.3	14.9
Clarus	CLRS	\$ 94	-\$ 20	5.8	-1.2	\$ 114	\$ 16	-\$6.66	n/a	\$ 6.0	15.6
Blue Martini Software	BLUE	\$ 49	-\$ 47	1.1	-1.0	\$ 96	\$ 46	-\$0.79	n/a	\$ 0.7	69.3
AvantGo	AVGO	\$ 25	-\$ 19	1.1	-0.9	\$ 43	\$ 22	-\$1.46	n/a	\$ 0.7	35.5
Comdisco Inc	CDO	\$ 23	-\$ 1,687	0.0	-0.7	\$ 1,710	\$ 2,410	-\$3.39	n/a	\$ 0.2	150.6
FirePond, Inc.	FIRE	\$ 18	-\$ 23	0.5	-0.7	\$ 42	\$ 34	-\$1.24	n/a	\$ 0.5	36.8
ExperTelligence, Inc.	EXGP	\$ 0	-\$ 0	0.5	-0.6	\$ 0	\$ 0	-\$1.33	n/a	\$ 0.1	2.4
VA Linux	LNIX	\$ 47	-\$ 18	1.5	-0.6	\$ 65	\$ 32	-\$6.95	n/a	\$ 0.9	53.9
Keynote	KEYN	\$ 227	-\$ 20	5.7	-0.5	\$ 247	\$ 39	-\$1.95	n/a	\$ 8.0	28.4
BackWeb Technologies Ltd.	BWEB	\$ 30	-\$ 8	1.9	-0.5	\$ 38	\$ 16	-\$0.85	n/a	\$ 0.8	39.1
Pumatech	PUMA	\$ 30	-\$ 12	1.2	-0.5	\$ 42	\$ 26	-\$0.97	n/a	\$ 0.7	45.3
Ask Jeeves	ASKJ	\$ 50	-\$ 18	0.8	-0.3	\$ 67	\$ 64	-\$1.55	n/a	\$ 1.2	40.0
Caldera International Inc	CALD	\$ 12	-\$ 14	0.2	-0.2	\$ 26	\$ 71	-\$8.97	n/a	\$ 0.8	14.4
Delano Technology	DTEC	\$ 10	-\$ 3	0.5	-0.2	\$ 13	\$ 18	-\$4.28	n/a	\$ 0.2	43.2
CMG Info	CMGI	\$ 310	-\$ 132	0.3	-0.1	\$ 442	\$ 956	-\$7.55	n/a	\$ 0.8	392.3
Commerce One	CMRC	\$ 217	-\$ 31	0.8	-0.1	\$ 247	\$ 270	-\$10.83	n/a	\$ 0.8	289.0
Silver Stream	SSSW	\$ 113	-\$ 5	2.1	-0.1	\$ 118	\$ 55	-\$5.00	n/a	\$ 5.0	22.7
Safeguard Scientifics	SFE	\$ 235	-\$ 140	0.1	-0.1	\$ 375	\$ 1,700	-\$2.47	n/a	\$ 2.0	119.5
Corio, Inc.	CRIO	\$ 68	-\$ 3	1.4	-0.1	\$ 71	\$ 49	-\$1.03	n/a	\$ 1.2	55.9
INSpire Insur. Solutions	NSPR	\$ 2	-\$ 3	0.0	0.0	\$ 5	\$ 69	-\$3.58	n/a	\$ 0.1	19.0
Beyond.com	BYND	\$ 3	-\$ 1	0.0	0.0	\$ 4	\$ 91	-\$34.27	n/a	\$ 0.8	3.3
Document Sciences	DOCX	\$ 9	-\$ 0	0.4	0.0	\$ 9	\$ 22	\$0.10	22.8	\$ 2.3	3.9
Marimba, Inc.	MRBA	\$ 44	-\$ 0	1.1	0.0	\$ 44	\$ 41	-\$0.52	n/a	\$ 1.8	24.2
Gentia	GNTIY.OB	\$ 0	\$ 0	0.0	0.0	\$ 0	\$ 9	-\$0.95	n/a	\$ 0.0	18.7
Corel Corporation	CORL	\$ 104	\$ 8	0.8	0.1	\$ 95	\$ 133	-\$0.15	n/a	\$ 1.1	91.8
Ingram Micro A	IM	\$ 2,160	\$ 1,781	0.1	0.1	\$ 380	\$ 23,600	-\$0.02	n/a	\$ 14.4	149.9
Sapiens International	SPNS	\$ 25	\$ 6	0.4	0.1	\$ 19	\$ 65	-\$0.33	n/a	\$ 1.0	24.5
Art Technology Group	ARTG	\$ 91	\$ 11	0.7	0.1	\$ 80	\$ 123	-\$2.12	n/a	\$ 1.3	69.8
Rogue Wave Software	RWAV	\$ 34	\$ 6	0.7	0.1	\$ 29	\$ 52	-\$0.16	n/a	\$ 3.1	11.1

## All "tracked" companies.

Company	Symbol	MC (mill.)	MC-Cash (mill)	MC/Rev. (ttm)	TR	Cash (mill.)	Rev. (ttm)	EPS (ttm)	P/E	Price	Shares (mill.)
Gateway Inc	GTW	\$ 1,740	\$ 540	0.3	0.1	\$ 1,200	\$ 5,040	-\$2.04	n/a	\$ 5.4	324.0
Magic Software Enterprise	MGIC	\$ 37	\$ 9	0.5	0.1	\$ 28	\$ 73	-\$1.11	n/a	\$ 1.4	26.1
Tech Data Corp	TECD	\$ 2,240	\$ 2,026	0.1	0.1	\$ 214	\$ 16,400	\$1.99	20.2	\$ 40.3	55.6
Comshare	CSRE	\$ 26	\$ 8	0.4	0.1	\$ 18	\$ 60	-\$1.20	n/a	\$ 2.5	10.3
Frontstep	FSTP	\$ 25	\$ 18	0.2	0.2	\$ 7	\$ 100	-\$1.13	n/a	\$ 3.3	7.6
Versant Corporation	VSNT	\$ 12	\$ 6	0.4	0.2	\$ 6	\$ 29	-\$0.64	n/a	\$ 1.0	12.3
Accrue Software, Inc.	ACRU	\$ 8	\$ 3	0.5	0.2	\$ 5	\$ 14	-\$0.41	n/a	\$ 0.3	30.2
Mobius	MOBI	\$ 50	\$ 15	0.7	0.2	\$ 35	\$ 67	-\$0.22	n/a	\$ 2.9	17.2
Silicon Graphics	SGI	\$ 581	\$ 349	0.4	0.2	\$ 232	\$ 1,490	-\$1.33	n/a	\$ 2.9	199.6
Brio Technology, Inc.	BRIO	\$ 42	\$ 26	0.4	0.2	\$ 16	\$ 111	-\$0.87	n/a	\$ 1.4	30.0
Selectica, Inc.	SLTC	\$ 125	\$ 11	2.8	0.2	\$ 114	\$ 45	-\$0.76	n/a	\$ 3.6	34.9
QAD Inc.	QADI	\$ 101	\$ 50	0.5	0.3	\$ 51	\$ 197	-\$0.28	n/a	\$ 2.9	34.4
Astea International, Inc.	ATEA	\$ 11	\$ 4	0.7	0.3	\$ 7	\$ 16	-\$0.14	n/a	\$ 0.8	14.6
Nortel	NT	\$ 7,080	\$ 3,990	0.5	0.3	\$ 3,090	\$ 14,700	-\$7.13	n/a	\$ 2.2	3210.0
Solectron Corp	SLR	\$ 6,650	\$ 4,040	0.5	0.3	\$ 2,610	\$ 13,700	-\$0.93	n/a	\$ 8.1	822.9
Mobile Data Solutions	MDSI	\$ 29	\$ 16	0.6	0.3	\$ 13	\$ 52	-\$0.95	n/a	\$ 3.3	8.9
Starbase Corporation	SBAS	\$ 17	\$ 14	0.4	0.3	\$ 3	\$ 45	-\$1.48	n/a	\$ 0.2	75.2
3Com	COMS	\$ 1,980	\$ 520	1.2	0.3	\$ 1,460	\$ 1,610	-\$3.17	n/a	\$ 5.6	356.5
Applix	APLX	\$ 21	\$ 12	0.5	0.3	\$ 8	\$ 38	-\$0.66	n/a	\$ 1.7	12.2
NetManage, Inc.	NETM	\$ 60	\$ 26	0.8	0.3	\$ 34	\$ 77	-\$0.07	n/a	\$ 1.0	62.9
Aladdin Knowledge Systems	ALDN	\$ 28	\$ 16	0.6	0.3	\$ 13	\$ 47	-\$1.32	n/a	\$ 2.5	11.3
Ross Systems, Inc.	ROSS	\$ 21	\$ 16	0.5	0.4	\$ 5	\$ 45	\$0.61	13.3	\$ 8.1	2.6
Merant	MRNT	\$ 180	\$ 63	1.1	0.4	\$ 118	\$ 170	-\$0.42	n/a	\$ 7.0	25.7
Walker Interactive System	WALK.OB	\$ 24	\$ 19	0.5	0.4	\$ 6	\$ 50	\$0.11	14.5	\$ 1.6	15.2
Loudcloud	LDCL	\$ 116	\$ 21	2.1	0.4	\$ 95	\$ 56	-\$3.56	n/a	\$ 1.5	76.3
Broadvision	BVSN	\$ 232	\$ 73	1.3	0.4	\$ 160	\$ 184	-\$2.76	n/a	\$ 0.8	286.8
BindView	BVEW	\$ 74	\$ 29	1.0	0.4	\$ 45	\$ 71	-\$0.39	n/a	\$ 1.4	51.7
Earthlink	ELNK	\$ 988	\$ 536	0.8	0.4	\$ 453	\$ 1,280	-\$2.34	n/a	\$ 6.6	150.2
Segue	SEGU	\$ 23	\$ 14	0.7	0.4	\$ 9	\$ 33	-\$1.60	n/a	\$ 2.4	9.6
Akamai	AKAM	\$ 232	\$ 68	1.4	0.4	\$ 164	\$ 161	-\$2.58	n/a	\$ 2.0	116.0
Mercator	MCTR	\$ 81	\$ 53	0.6	0.4	\$ 28	\$ 125	-\$1.58	n/a	\$ 2.4	33.9
NetGenesis Corp.	NTGX	\$ 40	\$ 9	2.1	0.4	\$ 31	\$ 20	-\$1.98	n/a	\$ 1.7	23.6
Novell Inc	NOVL	\$ 1,240	\$ 505	1.1	0.5	\$ 736	\$ 1,100	-\$0.38	n/a	\$ 3.4	362.6
Compaq Computer	CPQ	\$ 18,800	\$ 15,100	0.6	0.5	\$ 3,700	\$ 32,100	-\$0.36	n/a	\$ 11.0	1710.0
Centra Software	CTRA	\$ 64	\$ 18	1.7	0.5	\$ 45	\$ 38	-\$0.76	n/a	\$ 2.5	25.6
MicroStrategy	MSTR	\$ 115	\$ 82	0.7	0.5	\$ 33	\$ 167	\$0.29	4.2	\$ 1.2	93.5
CorVu	CRVU.OB	\$ 6	\$ 6	0.5	0.5	\$ 0	\$ 12	-\$0.05	n/a	\$ 0.3	20.4
Peerless Systems Corp.	PRLS	\$ 29	\$ 18	0.9	0.6	\$ 12	\$ 32	-\$0.47	n/a	\$ 1.9	15.4

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Unisys Corp	UIS	\$ 3,700	\$ 3,417	0.6	0.6	\$ 283	\$ 5,760	-\$0.27	n/a	\$ 11.4	323.8
Hewlett Packard	HWP	\$ 33,900	\$ 26,760	0.8	0.6	\$ 7,140	\$ 44,200	\$0.36	48.4	\$ 17.4	1940.0
Vignette Corporation	VIGN	\$ 523	\$ 154	2.1	0.6	\$ 368	\$ 253	-\$5.48	n/a	\$ 2.1	248.9
Cover-All Technologies	COVR.OB	\$ 4	\$ 4	0.7	0.6	\$ 0	\$ 6	-\$0.03	n/a	\$ 0.3	15.3
Lucent	LU	\$ 15,900	\$ 11,080	0.9	0.6	\$ 4,820	\$ 18,100	-\$3.03	n/a	\$ 4.7	3430.0
Group 1 Software, Inc.	GSOE	\$ 98	\$ 55	1.1	0.6	\$ 44	\$ 89	\$0.63	22.7	\$ 14.3	6.9
Netsol International	NTWK	\$ 3	\$ 3	0.7	0.6	\$ 0	\$ 5	-\$1.19	n/a	\$ 0.2	16.0
Digital Think	DTHK	\$ 63	\$ 27	1.4	0.6	\$ 35	\$ 43	-\$1.59	n/a	\$ 1.6	40.4
ServiceWare Technologies	SVCW	\$ 11	\$ 8	0.9	0.7	\$ 2	\$ 12	-\$0.83	n/a	\$ 0.4	23.9
Sagent	SGNT	\$ 45	\$ 33	0.9	0.7	\$ 13	\$ 48	-\$0.80	n/a	\$ 1.0	46.4
Apple Computer Inc	AAPL	\$ 8,290	\$ 3,980	1.4	0.7	\$ 4,310	\$ 5,790	\$0.57	40.9	\$ 23.3	355.7
Computer Sciences	CSC	\$ 8,090	\$ 7,966	0.7	0.7	\$ 124	\$ 11,400	\$2.01	23.6	\$ 47.4	170.9
Advanced Micro Dev	AMD	\$ 3,900	\$ 2,620	1.1	0.7	\$ 1,280	\$ 3,610	-\$0.56	n/a	\$ 11.4	341.5
Cognicase	COGI	\$ 280	\$ 231	1.0	0.8	\$ 50	\$ 293	-\$0.22	n/a	\$ 4.6	60.4
COGNICASE Inc.	COGI	\$ 280	\$ 231	1.0	0.8	\$ 50	\$ 293	-\$0.22	n/a	\$ 4.6	60.4
Docent	DCNT	\$ 80	\$ 24	2.7	0.8	\$ 56	\$ 30	-\$1.38	n/a	\$ 1.9	42.9
Hyperion Solutions Corp.	HYSL	\$ 709	\$ 397	1.4	0.8	\$ 313	\$ 493	-\$0.60	n/a	\$ 21.3	33.3
Descartes Systems Group	DSGX	\$ 178	\$ 59	2.4	0.8	\$ 119	\$ 73	-\$1.03	n/a	\$ 3.4	52.2
Prophet 21	PXXI	\$ 53	\$ 36	1.2	0.8	\$ 17	\$ 43	\$0.23	59.9	\$ 13.8	3.8
Smartforce PLC	SMTF	\$ 314	\$ 205	1.3	0.8	\$ 109	\$ 243	-\$0.28	n/a	\$ 5.5	57.0
Lawson Software	LWSN	\$ 595	\$ 366	1.4	0.9	\$ 228	\$ 427	-\$0.17	n/a	\$ 6.3	94.2
Parametric Technology	PMTC	\$ 908	\$ 725	1.1	0.9	\$ 183	\$ 837	-\$0.17	n/a	\$ 3.5	260.8
Tarantella, Inc.	TTLA	\$ 24	\$ 18	1.2	0.9	\$ 6	\$ 20	-\$0.23	n/a	\$ 0.6	40.6
Pervasive Software	PVSW	\$ 66	\$ 34	1.7	0.9	\$ 32	\$ 38	\$0.13	30.2	\$ 3.9	16.8
RSA Security Inc	RSAS	\$ 326	\$ 256	1.2	1.0	\$ 70	\$ 262	-\$0.48	n/a	\$ 5.7	56.6
Inktomi Corporation	INKT	\$ 257	\$ 147	1.7	1.0	\$ 110	\$ 149	-\$2.51	n/a	\$ 1.8	145.3
Pivotal Corporation	PVTL	\$ 113	\$ 71	1.6	1.0	\$ 42	\$ 72	-\$4.41	n/a	\$ 4.7	24.1
Exelon Corp	EXLN	\$ 63	\$ 45	1.4	1.0	\$ 18	\$ 45	-\$1.67	n/a	\$ 1.1	58.8
Interwoven	IWOV	\$ 395	\$ 176	2.3	1.0	\$ 219	\$ 175	-\$1.20	n/a	\$ 3.7	106.0
Motorola Inc	MOT	\$ 36,300	\$ 30,300	1.3	1.1	\$ 6,000	\$ 28,300	-\$1.73	n/a	\$ 16.0	2270.0
FileNET Corporation	FILE	\$ 548	\$ 364	1.6	1.1	\$ 184	\$ 334	-\$0.28	n/a	\$ 15.4	35.6
Timberline Software	TMBS	\$ 73	\$ 63	1.3	1.1	\$ 10	\$ 58	\$0.12	51.7	\$ 6.2	11.7
Electronic Data Systems	EDS	\$ 25,300	\$ 24,820	1.2	1.1	\$ 480	\$ 21,900	\$2.60	20.3	\$ 52.8	479.0
Sybase, Inc.	SY	\$ 1,330	\$ 1,047	1.5	1.2	\$ 284	\$ 907	-\$0.28	n/a	\$ 13.4	99.2
CNET	CNET	\$ 430	\$ 316	1.6	1.2	\$ 115	\$ 266	-\$12.35	n/a	\$ 3.1	138.8
Progress Software	PRGS	\$ 501	\$ 318	1.9	1.2	\$ 182	\$ 266	\$0.47	29.8	\$ 14.0	35.7
IONA Technologies PLC	IONA	\$ 325	\$ 215	1.8	1.2	\$ 110	\$ 178	-\$3.35	n/a	\$ 10.0	32.6
MapInfo Corporation	MAPS	\$ 155	\$ 121	1.6	1.2	\$ 34	\$ 99	-\$0.26	n/a	\$ 10.3	15.1

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Wind River Systems, Inc.	WIND	\$ 530	\$ 377	1.7	1.2	\$ 153	\$ 307	-\$4.76	n/a	\$ 6.7	78.9
WebMethods	WEBM	\$ 456	\$ 244	2.3	1.2	\$ 212	\$ 196	-\$1.67	n/a	\$ 9.1	50.4
CrossWorlds Software	CWLD	\$ 125	\$ 103	1.6	1.3	\$ 22	\$ 81	-\$0.49	n/a	\$ 4.6	27.0
Avant!	AVNT	\$ 724	\$ 536	1.8	1.3	\$ 189	\$ 413	-\$4.31	n/a	\$ 18.7	38.8
Keane, Inc.	KEA	\$ 1,100	\$ 1,036	1.4	1.3	\$ 64	\$ 792	\$0.20	72.6	\$ 14.5	75.8
Bottomline Tech.	EPAY	\$ 117	\$ 101	1.5	1.3	\$ 16	\$ 76	-\$2.77	n/a	\$ 7.4	15.8
JD Edwards	JDEC	\$ 1,380	\$ 1,146	1.6	1.3	\$ 234	\$ 862	-\$1.60	n/a	\$ 11.7	118.2
I2	ITWO	\$ 1,680	\$ 1,063	2.1	1.3	\$ 617	\$ 790	-\$16.82	n/a	\$ 4.0	426.2
Hummingbird Ltd.	HUMC	\$ 360	\$ 257	1.9	1.4	\$ 103	\$ 187	\$0.13	151.2	\$ 19.7	18.3
Attunity	ATTU	\$ 27	\$ 23	1.6	1.4	\$ 3	\$ 17	-\$0.91	n/a	\$ 1.8	14.6
DataMirror Corporation	DMCX	\$ 75	\$ 51	2.0	1.4	\$ 24	\$ 37	-\$0.26	n/a	\$ 6.5	11.5
Compuware	CPWR	\$ 2,750	\$ 2,383	1.6	1.4	\$ 367	\$ 1,730	-\$0.66	n/a	\$ 7.4	373.4
Autodesk Inc	ADSK	\$ 1,550	\$ 1,292	1.7	1.4	\$ 258	\$ 931	\$0.70	19.3	\$ 13.5	114.7
Mitek Systems Inc.	MITK	\$ 17	\$ 17	1.5	1.4	\$ 1	\$ 12	\$0.05	31.0	\$ 1.6	11.1
Tektronix Inc	TEK	\$ 1,850	\$ 1,375	2.0	1.5	\$ 475	\$ 940	\$0.65	31.2	\$ 20.3	91.2
Click2Learn	CLKS	\$ 70	\$ 64	1.7	1.5	\$ 7	\$ 42	-\$0.96	n/a	\$ 2.9	24.3
Sun Micro	SUNW	\$ 22,400	\$ 20,020	1.7	1.5	\$ 2,380	\$ 13,100	-\$0.23	n/a	\$ 6.9	3250.0
IBM	IBM	\$ 137,700	\$ 133,730	1.7	1.6	\$ 3,970	\$ 83,400	\$4.05	19.9	\$ 80.5	1710.0
BORLAND	BORL	\$ 675	\$ 378	3.0	1.7	\$ 296	\$ 227	\$0.29	33.0	\$ 9.6	70.5
Saba Software	SABA	\$ 120	\$ 96	2.1	1.7	\$ 24	\$ 56	-\$0.72	n/a	\$ 2.5	48.2
DocuCorp	DOCC	\$ 135	\$ 122	1.9	1.7	\$ 13	\$ 71	\$0.36	28.1	\$ 10.1	13.4
Netegrity, Inc.	NETE	\$ 238	\$ 143	2.9	1.7	\$ 95	\$ 82	-\$0.14	n/a	\$ 7.0	34.0
Verisign	VRSN	\$ 2,290	\$ 1,984	2.1	1.8	\$ 306	\$ 1,100	-\$59.48	n/a	\$ 9.7	236.4
Rational Software Corp.	RATL	\$ 2,210	\$ 1,250	3.2	1.8	\$ 960	\$ 690	-\$0.39	n/a	\$ 11.4	194.4
Verity	VRTY	\$ 330	\$ 198	3.0	1.8	\$ 132	\$ 109	\$0.19	48.7	\$ 9.3	35.7
Onyx Software Corporation	ONXS	\$ 179	\$ 151	2.2	1.8	\$ 28	\$ 83	-\$2.08	n/a	\$ 3.6	50.4
Tibco Software, Inc.	TIBX	\$ 1,240	\$ 567	4.0	1.8	\$ 673	\$ 311	-\$0.05	n/a	\$ 6.0	207.7
Amdocs	DOX	\$ 4,140	\$ 3,100	2.4	1.8	\$ 1,040	\$ 1,700	\$0.31	60.0	\$ 18.6	222.5
Novadigm	NVDM	\$ 140	\$ 114	2.2	1.8	\$ 26	\$ 63	-\$0.31	n/a	\$ 7.1	19.8
Legato Systems	LGTO	\$ 569	\$ 434	2.4	1.8	\$ 135	\$ 237	-\$1.31	n/a	\$ 6.3	90.9
Research in Motion	RIMM	\$ 1,190	\$ 545	4.0	1.9	\$ 645	\$ 294	-\$0.37	n/a	\$ 15.1	78.5
Amazon	AMZN	\$ 6,840	\$ 6,095	2.1	1.9	\$ 745	\$ 3,270	-\$0.98	n/a	\$ 18.2	375.1
DoubleClick	DCLK	\$ 1,120	\$ 703	3.0	1.9	\$ 417	\$ 374	-\$1.62	n/a	\$ 8.2	136.1
Lexmark Intl Inc A	LXK	\$ 8,100	\$ 7,985	1.9	1.9	\$ 115	\$ 4,200	\$1.98	31.5	\$ 62.5	129.7
Roxio, Inc.	ROXI	\$ 326	\$ 274	2.3	1.9	\$ 52	\$ 143	\$0.13	128.8	\$ 16.8	19.5
Lsi Logic	LSI	\$ 4,220	\$ 3,253	2.5	1.9	\$ 967	\$ 1,680	-\$3.15	n/a	\$ 11.4	369.9
Dell Computer Corp	DELL	\$ 69,700	\$ 65,790	2.2	2.1	\$ 3,910	\$ 31,200	\$0.46	58.4	\$ 26.9	2600.0
America Online	AOL	\$ 83,300	\$ 82,443	2.1	2.1	\$ 857	\$ 38,900	-\$0.80	n/a	\$ 18.7	4450.0

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Open Text Corporation	OTEX	\$ 433	\$ 326	2.9	2.1	\$ 107	\$ 152	\$0.60	35.8	\$ 21.5	20.1
Documentum	DCTM	\$ 514	\$ 418	2.7	2.2	\$ 96	\$ 191	-\$0.66	n/a	\$ 13.0	39.5
Network Associates, Inc.	NET	\$ 2,840	\$ 1,975	3.2	2.2	\$ 865	\$ 899	-\$0.30	n/a	\$ 19.4	146.8
Peoplesoft	PSFT	\$ 6,370	\$ 4,590	3.1	2.3	\$ 1,780	\$ 2,040	\$0.62	33.1	\$ 20.5	310.5
Liberate Technologies	LBRT	\$ 433	\$ 200	4.9	2.3	\$ 233	\$ 89	-\$3.19	n/a	\$ 4.1	106.8
Digital River, Inc.	DRIV	\$ 175	\$ 144	2.8	2.3	\$ 31	\$ 63	-\$0.66	n/a	\$ 6.5	26.8
Look Smart	LOOK	\$ 222	\$ 176	2.9	2.3	\$ 46	\$ 77	-\$0.43	n/a	\$ 2.3	98.6
Ariba	ARBA	\$ 779	\$ 615	2.9	2.3	\$ 164	\$ 267	-\$3.21	n/a	\$ 3.0	264.2
Phoenix	PTEC	\$ 330	\$ 277	2.8	2.4	\$ 54	\$ 117	-\$0.93	n/a	\$ 12.7	26.0
Talarian Corporation	TALR	\$ 89	\$ 38	5.5	2.4	\$ 51	\$ 16	-\$1.09	n/a	\$ 4.6	19.3
Overture	OVER	\$ 1,130	\$ 944	3.0	2.5	\$ 186	\$ 379	\$0.93	20.8	\$ 19.4	58.4
Actuate Corporation	ACTU	\$ 348	\$ 305	2.9	2.6	\$ 43	\$ 118	-\$0.14	n/a	\$ 5.8	60.5
BMC Software, Inc.	BMC	\$ 4,110	\$ 3,564	3.2	2.8	\$ 546	\$ 1,290	-\$0.75	n/a	\$ 16.9	242.8
Informatica Corporation	INFA	\$ 711	\$ 539	3.7	2.8	\$ 172	\$ 191	-\$0.56	n/a	\$ 9.0	79.3
Datakey, Inc.	DKEY	\$ 29	\$ 26	3.3	2.8	\$ 4	\$ 9	-\$0.17	n/a	\$ 2.9	10.1
Citrix Systems	CTXS	\$ 1,940	\$ 1,755	3.2	2.9	\$ 185	\$ 601	\$0.54	19.8	\$ 10.7	182.0
Computer Associates Int'l	CA	\$ 10,000	\$ 8,820	3.4	3.0	\$ 1,180	\$ 2,960	-\$1.91	n/a	\$ 17.4	578.5
Checkfree Corp	CKFR	\$ 1,870	\$ 1,654	3.9	3.4	\$ 216	\$ 484	-\$5.38	n/a	\$ 21.2	88.1
Symantec Corporation	SYMC	\$ 4,890	\$ 3,700	4.6	3.5	\$ 1,190	\$ 1,070	\$0.18	190.9	\$ 34.4	142.2
Siebel Systems	SEBL	\$ 8,640	\$ 6,750	4.5	3.5	\$ 1,890	\$ 1,930	\$0.46	39.7	\$ 18.3	473.6
BEA Systems	BEAS	\$ 4,360	\$ 3,330	4.6	3.5	\$ 1,030	\$ 944	-\$0.14	n/a	\$ 10.8	405.3
Macromedia, Inc.	MACR	\$ 1,310	\$ 1,148	4.0	3.5	\$ 162	\$ 325	-\$5.26	n/a	\$ 22.2	59.1
Business Objects Ads	BOBJ	\$ 1,800	\$ 1,539	4.2	3.6	\$ 261	\$ 425	\$0.70	40.8	\$ 28.5	63.0
Cognos	COGN	\$ 2,140	\$ 1,826	4.4	3.7	\$ 315	\$ 491	\$0.21	116.0	\$ 24.4	87.9
Oracle Corporation	ORCL	\$ 43,400	\$ 37,790	4.3	3.7	\$ 5,610	\$ 10,100	\$0.42	18.8	\$ 7.9	5490.0
ANSYS	ANSS	\$ 395	\$ 345	4.5	3.9	\$ 50	\$ 88	\$0.98	27.3	\$ 26.8	14.7
Fiserv Inc	FISV	\$ 8,140	\$ 8,001	4.1	4.0	\$ 139	\$ 1,990	\$1.16	36.7	\$ 42.5	191.2
Embarcadero Technologies	EMBT	\$ 260	\$ 221	5.2	4.4	\$ 39	\$ 50	-\$0.07	n/a	\$ 9.6	27.2
SAP AG	SAP	\$ 32,500	\$ 31,460	4.7	4.5	\$ 1,040	\$ 6,960	\$0.40	64.5	\$ 25.8	1260.0
Precise Software	PRSE	\$ 361	\$ 280	5.9	4.6	\$ 81	\$ 61	\$0.05	253.6	\$ 12.7	28.5
Veritas Software Corp.	VRTS	\$ 9,280	\$ 7,370	6.3	5.0	\$ 1,910	\$ 1,480	-\$1.13	n/a	\$ 22.7	409.2
Intuit, Inc.	INTU	\$ 9,250	\$ 7,450	6.2	5.0	\$ 1,800	\$ 1,490	\$0.48	91.1	\$ 43.7	211.6
Micron Technology	MU	\$ 14,200	\$ 12,720	6.0	5.4	\$ 1,480	\$ 2,370	-\$1.96	n/a	\$ 23.6	601.5
RealNetworks, Inc.	RNWK	\$ 1,350	\$ 1,013	7.3	5.5	\$ 337	\$ 186	-\$0.31	n/a	\$ 8.5	159.0
Rambus Inc	RMBS	\$ 664	\$ 565	6.7	5.7	\$ 99	\$ 100	\$0.22	30.2	\$ 6.7	99.8
Cisco	CSCO	\$ 115,500	\$ 106,530	6.3	5.8	\$ 8,970	\$ 18,400	\$0.15	105.2	\$ 15.8	7320.0
CheckPoint Software	CHKP	\$ 3,950	\$ 2,840	8.1	5.8	\$ 1,110	\$ 487	\$1.16	14.0	\$ 16.3	242.8
Intel Corp	INTC	\$ 184,700	\$ 173,900	6.9	6.5	\$ 10,800	\$ 26,600	\$0.25	110.5	\$ 27.6	6690.0

## All "tracked" companies.

Company	Symbol	MC (mill.)	MC-Cash (mill)	MC/Rev. (ttm)	TR	Cash (mill.)	Rev. (ttm)	EPS (ttm)	P/E	Price	Shares (mill.)
Mercury Interactive Corp.	MERQ	\$ 2,830	\$ 2,402	7.8	6.7	\$ 428	\$ 361	\$0.15	225.7	\$ 33.9	83.7
Red Hat, Inc.	RHAT	\$ 814	\$ 527	10.3	6.7	\$ 287	\$ 79	-\$0.70	n/a	\$ 4.8	169.2
Adobe	ADBE	\$ 8,660	\$ 8,039	7.4	6.9	\$ 621	\$ 1,170	\$0.75	48.1	\$ 36.1	239.8
Pmc-sierra Inc	PMCS	\$ 2,370	\$ 1,962	9.3	7.7	\$ 408	\$ 254	-\$3.50	n/a	\$ 14.2	166.3
Microsoft Corp	MSFT	\$ 276,200	\$ 237,500	10.0	8.6	\$ 38,700	\$ 27,700	\$1.15	44.4	\$ 51.0	5420.0
PayPal	PYPL	\$ 1,740	\$ 1,649	12.5	11.8	\$ 91	\$ 140	-\$1.65	n/a	\$ 28.7	60.6
Yahoo!	YHOO	\$ 9,580	\$ 8,775	13.1	12.0	\$ 805	\$ 730	-\$0.12	n/a	\$ 16.0	597.9
Infosys Technologies Ltd.	INFY	\$ 7,480	\$ 7,270	13.7	13.3	\$ 211	\$ 545	\$1.25	45.2	\$ 56.5	132.4
EBay	EBAY	\$ 15,500	\$ 14,770	18.5	17.6	\$ 730	\$ 840	\$0.41	134.7	\$ 55.2	280.2