

All prices as of market close Friday, July 31, 2002

Figures do not account for debt, which is usually not a concern for all but the very largest software and hardware companies (e.g. Lucent, Nortel, IBM, CA, etc.)

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.)
Liquid Audio, Inc.	LQID	\$ 57	-\$ 30	17.7	-9.31	\$ 86	\$ 3	-\$1.36	n/a	\$ 2.5	22.7
eBT International, Inc.	EBTI	\$ 5	-\$ 56	0.7	-7.64	\$ 60	\$ 7	-\$1.44	n/a	\$ 0.3	14.9
Clarus	CLRS	\$ 73	-\$ 41	5.7	-3.20	\$ 114	\$ 13	-\$6.64	n/a	\$ 4.7	15.6
BackWeb Technologies Ltd.	BWEB	\$ 14	-\$ 23	1.1	-1.81	\$ 38	\$ 13	-\$0.68	n/a	\$ 0.4	39.1
Keynote	KEYN	\$ 198	-\$ 46	5.2	-1.21	\$ 244	\$ 38	-\$0.80	n/a	\$ 7.0	28.4
AvantGo	AVGO	\$ 20	-\$ 18	1.0	-0.87	\$ 38	\$ 20	-\$1.14	n/a	\$ 0.6	35.5
FirePond, Inc.	FIRE	\$ 11	-\$ 24	0.3	-0.75	\$ 35	\$ 32	-\$1.27	n/a	\$ 0.3	36.8
Corio, Inc.	CRIO	\$ 27	-\$ 37	0.6	-0.74	\$ 64	\$ 50	-\$0.82	n/a	\$ 0.5	55.9
Docent	DCNT	\$ 31	-\$ 20	1.1	-0.71	\$ 51	\$ 28	-\$1.20	n/a	\$ 0.7	42.9
Comdisco Inc	CDO	\$ 23	-\$ 1,687	0.0	-0.70	\$ 1,710	\$ 2,410	-\$3.39	n/a	\$ 0.2	150.6
VA Linux	LNIX	\$ 39	-\$ 19	1.2	-0.60	\$ 58	\$ 32	-\$6.95	n/a	\$ 0.7	54.1
Pumatech	PUMA	\$ 23	-\$ 15	0.9	-0.57	\$ 37	\$ 26	-\$0.97	n/a	\$ 0.5	45.3
ExperTelligence, Inc.	EXGP	\$ 0	-\$ 0	0.6	-0.53	\$ 0	\$ 0	-\$1.33	n/a	\$ 0.1	2.4
Blue Martini Software	BLUE	\$ 62	-\$ 17	1.7	-0.45	\$ 79	\$ 37	-\$0.66	n/a	\$ 0.8	74.0
Selectica, Inc.	SLTC	\$ 119	-\$ 17	2.9	-0.41	\$ 136	\$ 42	-\$0.71	n/a	\$ 3.5	33.6
Delano Technology	DTEC	\$ 6	-\$ 7	0.3	-0.38	\$ 13	\$ 18	-\$4.28	n/a	\$ 0.1	43.2
Doubleclick	DCLK	\$ 648	-\$ 120	1.9	-0.34	\$ 768	\$ 348	-\$1.30	n/a	\$ 4.8	136.1
Marimba, Inc.	MRBA	\$ 32	-\$ 12	0.8	-0.32	\$ 44	\$ 38	-\$0.59	n/a	\$ 1.3	24.2
Commerce One	CMRC	\$ 127	-\$ 61	0.6	-0.31	\$ 188	\$ 197	-\$2.05	n/a	\$ 0.4	289.0
I2	ITWO	\$ 366	-\$ 165	0.6	-0.25	\$ 532	\$ 660	-\$16.50	n/a	\$ 0.9	431.1
IONA Technologies PLC	IONA	\$ 68	-\$ 42	0.4	-0.23	\$ 110	\$ 178	-\$3.35	n/a	\$ 2.1	32.6
CMG Info	CMGI	\$ 157	-\$ 198	0.2	-0.23	\$ 355	\$ 850	-\$5.00	n/a	\$ 0.4	392.4
Broadvision	BVSN	\$ 98	-\$ 32	0.6	-0.20	\$ 130	\$ 156	-\$2.08	n/a	\$ 0.3	288.4
Akamai	AKAM	\$ 123	-\$ 28	0.8	-0.18	\$ 151	\$ 154	-\$2.04	n/a	\$ 1.1	116.0
Inktomi Corporation	INKT	\$ 69	-\$ 21	0.5	-0.16	\$ 90	\$ 131	-\$2.92	n/a	\$ 0.5	146.3
Corel Corporation	CORL	\$ 69	-\$ 17	0.5	-0.13	\$ 86	\$ 128	-\$0.24	n/a	\$ 0.8	91.8
Safeguard Scientifics	SFE	\$ 151	-\$ 225	0.1	-0.13	\$ 375	\$ 1,700	-\$2.47	n/a	\$ 1.3	119.5
Caldera International Inc	CALD	\$ 15	-\$ 7	0.2	-0.10	\$ 22	\$ 71	-\$8.96	n/a	\$ 1.0	13.9
Rogue Wave Software	RWAV	\$ 23	-\$ 5	0.5	-0.10	\$ 27	\$ 48	-\$0.24	n/a	\$ 2.0	11.1
Netegrity, Inc.	NETE	\$ 77	-\$ 7	1.1	-0.10	\$ 84	\$ 73	-\$0.53	n/a	\$ 2.3	34.0
Nortel	NT	\$ 3,730	-\$ 1,140	0.3	-0.09	\$ 4,870	\$ 12,800	-\$2.12	n/a	\$ 1.0	3850.0

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.)
NetManage, Inc.	NETM	\$ 28	-\$ 6	0.4	-0.08	\$ 34	\$ 77	-\$0.07	n/a	\$ 0.5	62.9
Centra Software	CTRA	\$ 43	-\$ 2	1.2	-0.06	\$ 45	\$ 38	-\$0.76	n/a	\$ 1.7	25.6
INSpire Insur. Solutions	NSPR	\$ 2	-\$ 3	0.0	-0.04	\$ 5	\$ 69	-\$3.58	n/a	\$ 0.1	19.0
Beyond.com	BYND	\$ 3	-\$ 1	0.0	-0.01	\$ 4	\$ 91	-\$34.27	n/a	\$ 0.8	3.3
Gentia	GNTIY.OB	\$ 0	-\$ 0	0.0	-0.01	\$ 0	\$ 9	-\$0.95	n/a	\$ 0.0	18.7
Vignette Corporation	VIGN	\$ 353	-\$ 1	1.7	0.00	\$ 354	\$ 205	-\$4.80	n/a	\$ 1.4	248.9
Gateway Inc	GTW	\$ 1,100	\$ 70	0.2	0.02	\$ 1,030	\$ 4,540	-\$2.17	n/a	\$ 3.4	324.0
Ask Jeeves	ASKJ	\$ 43	\$ 1	0.7	0.02	\$ 42	\$ 64	-\$1.18	n/a	\$ 1.1	41.1
Silicon Graphics	SGI	\$ 290	\$ 28	0.2	0.02	\$ 262	\$ 1,340	-\$0.25	n/a	\$ 1.5	199.6
Magic Software Enterprise	MGIC	\$ 30	\$ 2	0.4	0.02	\$ 28	\$ 73	-\$1.12	n/a	\$ 1.2	26.1
Divine	DVIN	\$ 55	\$ 13	0.1	0.03	\$ 43	\$ 438	-\$38.48	n/a	\$ 2.9	18.8
Lucent	LU	\$ 6,000	\$ 580	0.4	0.04	\$ 5,420	\$ 15,200	-\$4.78	n/a	\$ 1.8	3430.0
Solectron Corp	SLR	\$ 3,300	\$ 490	0.3	0.04	\$ 2,810	\$ 12,800	-\$1.00	n/a	\$ 4.0	823.9
Versant Corporation	VSNT	\$ 6	\$ 1	0.2	0.04	\$ 5	\$ 29	-\$0.43	n/a	\$ 0.5	12.3
Accrue Software, Inc.	ACRU	\$ 5	\$ 1	0.4	0.04	\$ 5	\$ 14	-\$0.41	n/a	\$ 0.2	30.2
Art Technology Group	ARTG	\$ 85	\$ 5	0.8	0.05	\$ 80	\$ 113	-\$1.55	n/a	\$ 1.2	69.8
Ingram Micro A	IM	\$ 1,650	\$ 1,271	0.1	0.05	\$ 380	\$ 23,600	-\$0.02	n/a	\$ 11.0	149.9
Stellant	STEL	\$ 93	\$ 5	1.2	0.06	\$ 89	\$ 81	-\$1.45	n/a	\$ 4.2	22.4
Segue	SEGU	\$ 10	\$ 2	0.3	0.06	\$ 9	\$ 31	-\$1.07	n/a	\$ 1.1	9.6
Comshare	CSRE	\$ 22	\$ 4	0.4	0.06	\$ 18	\$ 59	-\$1.23	n/a	\$ 2.1	10.3
Document Sciences	DOCX	\$ 9	\$ 2	0.4	0.07	\$ 7	\$ 22	\$0.03	73.7	\$ 2.2	3.9
MicroStrategy	MSTR	\$ 45	\$ 12	0.3	0.07	\$ 33	\$ 167	\$0.29	1.7	\$ 0.5	93.5
Sagent	SGNT	\$ 16	\$ 3	0.4	0.07	\$ 13	\$ 45	-\$0.75	n/a	\$ 0.3	46.4
Sapiens International	SPNS	\$ 25	\$ 5	0.4	0.08	\$ 19	\$ 65	-\$0.33	n/a	\$ 1.0	24.5
Aladdin Knowledge Systems	ALDN	\$ 18	\$ 4	0.4	0.09	\$ 14	\$ 47	-\$1.31	n/a	\$ 1.6	11.3
BindView	BVEW	\$ 52	\$ 6	0.8	0.09	\$ 45	\$ 68	-\$0.68	n/a	\$ 1.0	51.7
Loudcloud	LDCL	\$ 83	\$ 6	1.3	0.10	\$ 77	\$ 62	-\$2.78	n/a	\$ 1.1	76.3
CNET	CNET	\$ 160	\$ 26	0.6	0.10	\$ 134	\$ 253	-\$10.93	n/a	\$ 1.2	138.9
Tech Data Corp	TECD	\$ 1,890	\$ 1,676	0.1	0.10	\$ 214	\$ 16,400	\$1.99	16.9	\$ 33.6	56.4
3Com	COMS	\$ 1,610	\$ 160	1.1	0.11	\$ 1,450	\$ 1,480	-\$1.71	n/a	\$ 4.5	356.5
Frontstep	FSTP	\$ 16	\$ 12	0.2	0.12	\$ 4	\$ 100	-\$1.12	n/a	\$ 2.1	7.6
Novell Inc	NOVL	\$ 812	\$ 129	0.7	0.12	\$ 683	\$ 1,110	-\$0.38	n/a	\$ 2.2	364.3
QAD Inc.	QADI	\$ 74	\$ 24	0.4	0.12	\$ 50	\$ 197	-\$0.24	n/a	\$ 2.2	34.4
Brio Technology, Inc.	BRIO	\$ 40	\$ 14	0.4	0.13	\$ 26	\$ 108	-\$0.55	n/a	\$ 1.1	37.1
Mobius	MOBI	\$ 43	\$ 9	0.6	0.14	\$ 34	\$ 68	-\$0.30	n/a	\$ 2.5	17.2
Mercator	MCTR	\$ 48	\$ 19	0.4	0.16	\$ 28	\$ 123	-\$1.08	n/a	\$ 1.4	33.9
Exelon Corp	EXLN	\$ 27	\$ 7	0.6	0.16	\$ 19	\$ 45	-\$1.49	n/a	\$ 0.5	58.8
Earthlink	ELNK	\$ 688	\$ 235	0.5	0.18	\$ 453	\$ 1,320	-\$1.85	n/a	\$ 4.6	150.2

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Applix	APLX	\$ 15	\$ 7	0.4	0.19	\$ 8	\$ 37	-\$0.47	n/a	\$ 1.3	12.2
Apple Computer Inc	AAPL	\$ 5,480	\$ 1,170	1.0	0.20	\$ 4,310	\$ 5,750	\$0.49	31.1	\$ 15.3	358.9
Peerless Systems Corp.	PRLS	\$ 21	\$ 7	0.7	0.23	\$ 14	\$ 32	-\$0.48	n/a	\$ 1.4	15.4
Walker Interactive System	WALK.OB	\$ 17	\$ 12	0.3	0.23	\$ 6	\$ 50	\$0.11	10.3	\$ 1.1	15.2
Tarantella, Inc.	TTLA	\$ 11	\$ 4	0.7	0.24	\$ 7	\$ 15	-\$1.15	n/a	\$ 0.3	40.6
Cognicase	COGI	\$ 121	\$ 73	0.4	0.26	\$ 48	\$ 283	-\$0.22	n/a	\$ 2.0	60.4
Astea International, Inc.	ATEA	\$ 11	\$ 4	0.7	0.26	\$ 7	\$ 16	-\$0.14	n/a	\$ 0.8	14.6
Click2Learn	CLKS	\$ 18	\$ 12	0.4	0.28	\$ 7	\$ 42	-\$0.96	n/a	\$ 0.8	24.3
Mobile Data Solutions	MDSI	\$ 26	\$ 13	0.6	0.28	\$ 13	\$ 46	-\$0.41	n/a	\$ 3.0	8.9
Starbase Corporation	SBAS	\$ 14	\$ 12	0.3	0.29	\$ 2	\$ 42	-\$1.32	n/a	\$ 0.2	87.4
Ross Systems, Inc.	ROSS	\$ 19	\$ 14	0.4	0.31	\$ 5	\$ 45	\$0.61	12.1	\$ 7.4	2.6
Roxio, Inc.	ROXI	\$ 97	\$ 45	0.7	0.33	\$ 52	\$ 138	-\$0.07	n/a	\$ 5.0	19.5
Amdocs	DOX	\$ 1,640	\$ 600	1.0	0.36	\$ 1,040	\$ 1,670	\$0.10	73.5	\$ 7.4	222.5
Interwoven	IWOV	\$ 257	\$ 58	1.7	0.38	\$ 199	\$ 153	-\$0.94	n/a	\$ 2.4	106.0
Novadigm	NVDM	\$ 48	\$ 23	0.8	0.39	\$ 26	\$ 59	-\$0.57	n/a	\$ 2.3	20.8
Merant	MRNT	\$ 167	\$ 49	1.3	0.39	\$ 118	\$ 125	-\$2.00	n/a	\$ 6.5	25.7
Unisys Corp	UIS	\$ 2,430	\$ 2,229	0.4	0.39	\$ 201	\$ 5,660	-\$0.23	n/a	\$ 7.5	323.8
Pivotal Corporation	PVTL	\$ 70	\$ 29	1.0	0.41	\$ 41	\$ 70	-\$4.00	n/a	\$ 2.9	24.1
Digital Think	DTHK	\$ 46	\$ 16	1.2	0.43	\$ 30	\$ 38	-\$1.46	n/a	\$ 1.1	41.0
Netsol International	NTWK	\$ 2	\$ 2	0.5	0.44	\$ 0	\$ 4	-\$1.05	n/a	\$ 0.1	17.2
NetGenesis Corp.	NTGX	\$ 40	\$ 9	2.1	0.45	\$ 31	\$ 20	-\$1.98	n/a	\$ 1.7	23.6
Rational Software Corp.	RATL	\$ 1,310	\$ 300	2.0	0.45	\$ 1,010	\$ 667	-\$0.30	n/a	\$ 6.7	194.6
Compaq Computer	CPQ	\$ 18,800	\$ 15,100	0.6	0.47	\$ 3,700	\$ 32,100	-\$0.36	n/a	\$ 11.0	1710.0
Smartforce PLC	SMTF	\$ 195	\$ 106	0.9	0.48	\$ 89	\$ 221	-\$0.96	n/a	\$ 3.4	57.0
Liberate Technologies	LBRT	\$ 256	\$ 39	3.2	0.48	\$ 218	\$ 80	-\$3.06	n/a	\$ 2.4	106.8
ServiceWare Technologies	SVCW	\$ 8	\$ 6	0.7	0.49	\$ 2	\$ 12	-\$0.83	n/a	\$ 0.4	23.9
Prophet 21	PXXI	\$ 38	\$ 21	0.9	0.50	\$ 17	\$ 43	\$0.23	43.5	\$ 10.0	3.8
Advanced Micro Dev	AMD	\$ 2,740	\$ 1,640	0.9	0.51	\$ 1,100	\$ 3,220	-\$1.16	n/a	\$ 8.0	341.5
Computer Sciences	CSC	\$ 6,350	\$ 6,201	0.6	0.54	\$ 149	\$ 11,500	\$2.18	17.0	\$ 37.0	171.5
Descartes Systems Group	DSGX	\$ 169	\$ 39	2.3	0.54	\$ 129	\$ 73	-\$1.03	n/a	\$ 3.2	52.2
Cover-All Technologies	COVR.OB	\$ 4	\$ 3	0.6	0.55	\$ 0	\$ 6	-\$0.04	n/a	\$ 0.2	15.3
Lawson Software	LWSN	\$ 452	\$ 236	1.1	0.55	\$ 216	\$ 428	-\$0.23	n/a	\$ 4.8	94.2
Group 1 Software, Inc.	GSOE	\$ 99	\$ 52	1.1	0.56	\$ 48	\$ 92	\$0.76	18.8	\$ 14.3	7.0
RSA Security Inc	RSAS	\$ 204	\$ 134	0.9	0.57	\$ 70	\$ 238	-\$1.14	n/a	\$ 3.6	56.6
Compuware	CPWR	\$ 1,390	\$ 980	0.9	0.61	\$ 410	\$ 1,620	-\$0.69	n/a	\$ 3.7	375.9
Hewlett Packard	HWP	\$ 33,900	\$ 26,760	0.8	0.61	\$ 7,140	\$ 44,200	\$0.36	48.4	\$ 17.4	1940.0
Keane, Inc.	KEA	\$ 625	\$ 556	0.8	0.68	\$ 69	\$ 821	\$0.18	45.8	\$ 8.3	75.8
Pervasive Software	PVSW	\$ 60	\$ 25	1.6	0.68	\$ 34	\$ 37	\$0.34	10.4	\$ 3.6	16.8

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Actuate Corporation	ACTU	\$ 121	\$ 78	1.1	0.69	\$ 43	\$ 113	-\$0.12	n/a	\$ 2.0	60.5
Motorola Inc	MOT	\$ 26,300	\$ 19,810	1.0	0.72	\$ 6,490	\$ 27,600	-\$2.40	n/a	\$ 11.6	2270.0
Hyperion Solutions Corp.	HYSL	\$ 685	\$ 355	1.4	0.72	\$ 330	\$ 492	\$0.45	45.7	\$ 20.6	33.3
Timberline Software	TMBS	\$ 52	\$ 42	0.9	0.73	\$ 10	\$ 57	\$0.06	73.3	\$ 4.4	11.7
CorVu	CRVU.OB	\$ 8	\$ 8	0.7	0.73	\$ 0	\$ 11	-\$0.02	n/a	\$ 0.4	20.7
MapInfo Corporation	MAPS	\$ 105	\$ 71	1.1	0.75	\$ 34	\$ 95	-\$0.30	n/a	\$ 7.0	15.1
Bottomline Tech.	EPAY	\$ 86	\$ 57	1.1	0.75	\$ 30	\$ 76	-\$2.77	n/a	\$ 5.5	15.7
Electronic Data Systems	EDS	\$ 17,700	\$ 17,126	0.8	0.77	\$ 574	\$ 22,300	\$2.62	14.0	\$ 36.8	480.3
Parametric Technology	PMTC	\$ 814	\$ 610	1.0	0.77	\$ 204	\$ 789	-\$0.26	n/a	\$ 3.1	260.8
Sun Micro	SUNW	\$ 12,700	\$ 9,820	1.0	0.79	\$ 2,880	\$ 12,500	-\$0.19	n/a	\$ 3.9	3250.0
Legato Systems	LGTO	\$ 245	\$ 190	1.0	0.80	\$ 55	\$ 236	-\$1.65	n/a	\$ 2.7	90.9
Wind River Systems, Inc.	WIND	\$ 369	\$ 259	1.2	0.84	\$ 110	\$ 307	-\$4.75	n/a	\$ 4.7	79.0
Mitek Systems Inc.	MITK	\$ 12	\$ 11	1.0	0.92	\$ 1	\$ 12	\$0.03	35.0	\$ 1.1	11.1
FileNET Corporation	FILE	\$ 501	\$ 317	1.5	0.93	\$ 184	\$ 340	\$0.07	200.9	\$ 14.1	35.6
Macromedia, Inc.	MACR	\$ 470	\$ 301	1.5	0.94	\$ 169	\$ 320	-\$3.44	n/a	\$ 8.0	59.2
Network Associates, Inc.	NET	\$ 1,780	\$ 915	1.9	0.98	\$ 865	\$ 936	\$0.09	135.0	\$ 12.2	146.8
Sybase, Inc.	SY	\$ 1,190	\$ 876	1.4	1.00	\$ 314	\$ 878	\$0.35	34.7	\$ 12.2	97.7
Hummingbird Ltd.	HUMC	\$ 287	\$ 184	1.6	1.00	\$ 103	\$ 183	-\$0.33	n/a	\$ 15.7	18.3
Look Smart	LOOK	\$ 127	\$ 81	1.6	1.03	\$ 46	\$ 79	-\$0.29	n/a	\$ 1.3	98.6
Verisign	VRSN	\$ 1,510	\$ 1,228	1.3	1.04	\$ 282	\$ 1,180	-\$24.30	n/a	\$ 6.4	236.6
Research in Motion	RIMM	\$ 918	\$ 302	3.2	1.05	\$ 616	\$ 289	-\$0.55	n/a	\$ 11.7	78.2
DataMirror Corporation	DMCX	\$ 62	\$ 38	1.8	1.05	\$ 25	\$ 36	-\$0.25	n/a	\$ 5.4	11.5
Lsi Logic	LSI	\$ 2,890	\$ 1,880	1.8	1.14	\$ 1,010	\$ 1,650	-\$2.41	n/a	\$ 7.8	369.9
Attunity	ATTU	\$ 22	\$ 19	1.4	1.16	\$ 3	\$ 16	-\$0.69	n/a	\$ 1.5	14.6
Progress Software	PRGS	\$ 503	\$ 312	1.9	1.17	\$ 191	\$ 268	\$0.47	29.6	\$ 13.9	36.2
Phoenix	PTEC	\$ 196	\$ 138	1.7	1.17	\$ 58	\$ 117	-\$0.84	n/a	\$ 7.5	26.2
JD Edwards	JDEC	\$ 1,320	\$ 1,032	1.5	1.20	\$ 288	\$ 858	-\$1.50	n/a	\$ 11.1	118.8
America Online	AOL	\$ 51,300	\$ 49,590	1.3	1.23	\$ 1,710	\$ 40,200	-\$0.55	n/a	\$ 11.5	4460.0
BEA Systems	BEAS	\$ 2,250	\$ 1,170	2.4	1.24	\$ 1,080	\$ 944	-\$0.14	n/a	\$ 5.6	405.9
Avant!	AVNT	\$ 712	\$ 524	1.7	1.27	\$ 189	\$ 413	-\$4.31	n/a	\$ 18.4	38.8
CrossWorlds Software	CWLD	\$ 125	\$ 103	1.6	1.28	\$ 22	\$ 81	-\$0.49	n/a	\$ 4.6	27.0
WebMethods	WEBM	\$ 446	\$ 244	2.4	1.29	\$ 202	\$ 188	-\$1.33	n/a	\$ 8.8	50.7
Autodesk Inc	ADSK	\$ 1,480	\$ 1,222	1.6	1.31	\$ 258	\$ 931	\$0.70	18.4	\$ 12.9	114.7
Borland	BORL	\$ 610	\$ 314	2.6	1.36	\$ 296	\$ 231	\$0.27	32.1	\$ 8.7	70.5
Checkfree Corp	CKFR	\$ 880	\$ 664	1.8	1.37	\$ 216	\$ 484	-\$5.38	n/a	\$ 10.0	88.1
Amazon	AMZN	\$ 5,500	\$ 4,676	1.6	1.37	\$ 824	\$ 3,410	-\$0.76	n/a	\$ 14.5	380.5
Siebel Systems	SEBL	\$ 4,450	\$ 2,440	2.5	1.38	\$ 2,010	\$ 1,770	\$0.37	25.4	\$ 9.4	473.6
Citrix Systems	CTXS	\$ 1,000	\$ 802	1.8	1.40	\$ 198	\$ 571	\$0.48	11.5	\$ 5.5	182.0

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IBM	IBM	\$ 120,500	\$ 116,530	1.5	1.43	\$ 3,970	\$ 81,500	\$3.16	22.3	\$ 70.4	1710.0
Lexmark Intl Inc A	LXK	\$ 6,340	\$ 6,203	1.5	1.45	\$ 137	\$ 4,280	\$2.00	24.4	\$ 48.9	129.7
Tektronix Inc	TEK	\$ 1,690	\$ 1,233	2.0	1.46	\$ 457	\$ 843	\$0.33	56.5	\$ 18.6	90.5
Onyx Software Corporation	ONXS	\$ 137	\$ 108	1.9	1.51	\$ 29	\$ 72	-\$1.83	n/a	\$ 2.7	50.4
Computer Associates	CA	\$ 5,400	\$ 4,589	1.8	1.52	\$ 811	\$ 3,020	-\$1.43	n/a	\$ 9.3	577.7
Silver Stream	SSSW	\$ 204	\$ 86	3.7	1.55	\$ 118	\$ 55	-\$5.00	n/a	\$ 9.0	22.7
Ariba	ARBA	\$ 631	\$ 384	2.6	1.59	\$ 248	\$ 241	-\$2.90	n/a	\$ 2.4	264.2
Tibco Software, Inc.	TIBX	\$ 1,130	\$ 485	3.9	1.66	\$ 645	\$ 292	-\$0.24	n/a	\$ 5.4	208.3
Saba Software	SABA	\$ 117	\$ 95	2.1	1.74	\$ 22	\$ 55	-\$0.55	n/a	\$ 2.4	48.2
Open Text Corporation	OTEX	\$ 374	\$ 269	2.5	1.77	\$ 106	\$ 152	\$0.59	31.5	\$ 18.6	20.1
RealNetworks, Inc.	RNWK	\$ 658	\$ 324	3.6	1.78	\$ 335	\$ 182	-\$0.20	n/a	\$ 4.1	160.5
Dell Computer Corp	DELL	\$ 64,700	\$ 60,740	2.1	1.95	\$ 3,960	\$ 31,200	\$0.46	54.2	\$ 24.9	2590.0
Peoplesoft	PSFT	\$ 5,580	\$ 3,900	2.8	1.97	\$ 1,680	\$ 1,980	\$0.58	31.0	\$ 18.0	310.5
Symantec Corporation	SYMC	\$ 3,830	\$ 2,300	3.3	1.98	\$ 1,530	\$ 1,160	\$0.31	108.2	\$ 33.5	114.2
BMC Software, Inc.	BMC	\$ 3,240	\$ 2,479	2.6	1.98	\$ 761	\$ 1,250	-\$0.59	n/a	\$ 13.5	241.2
Informatica Corporation	INFA	\$ 552	\$ 395	2.9	2.06	\$ 157	\$ 192	-\$0.45	n/a	\$ 7.0	79.3
Datakey, Inc.	DKEY	\$ 24	\$ 20	2.5	2.08	\$ 4	\$ 10	-\$0.12	n/a	\$ 2.4	10.1
DST Systems	DST	\$ 4,030	\$ 3,902	2.2	2.10	\$ 128	\$ 1,860	\$1.72	19.6	\$ 33.7	119.7
Business Objects Ads	BOBJ	\$ 1,220	\$ 959	2.9	2.25	\$ 261	\$ 425	\$0.70	27.7	\$ 19.4	63.0
Talarian Corporation	TALR	\$ 89	\$ 38	5.5	2.37	\$ 51	\$ 16	-\$1.09	n/a	\$ 4.6	19.3
DocuCorp	DOCC	\$ 182	\$ 169	2.6	2.38	\$ 13	\$ 71	\$0.35	38.7	\$ 13.6	13.4
Overture	OVER	\$ 1,330	\$ 1,144	2.8	2.44	\$ 186	\$ 469	\$1.28	17.9	\$ 22.9	58.4
Documentum	DCTM	\$ 640	\$ 489	3.2	2.46	\$ 152	\$ 198	-\$0.30	n/a	\$ 16.2	39.5
Digital River, Inc.	DRIV	\$ 209	\$ 177	3.0	2.56	\$ 32	\$ 69	-\$0.46	n/a	\$ 7.8	26.8
Cognos	COGN	\$ 1,630	\$ 1,292	3.2	2.57	\$ 338	\$ 503	\$0.44	42.1	\$ 18.5	88.0
Verity	VRTY	\$ 400	\$ 246	4.3	2.62	\$ 154	\$ 94	\$0.03	373.7	\$ 11.2	35.7
ANSYS	ANSS	\$ 307	\$ 256	3.4	2.86	\$ 51	\$ 90	\$1.04	20.0	\$ 20.8	14.7
SAP AG	SAP	\$ 23,500	\$ 22,410	3.2	3.07	\$ 1,090	\$ 7,310	\$0.42	44.5	\$ 18.7	1260.0
Fiserv Inc	FISV	\$ 6,620	\$ 6,432	3.2	3.09	\$ 188	\$ 2,080	\$1.22	28.2	\$ 34.4	192.3
Bisys Group	BSG	\$ 2,760	\$ 2,678	3.2	3.09	\$ 82	\$ 866	\$0.94	24.6	\$ 23.1	119.3
Embarcadero Technologies	EMBT	\$ 191	\$ 149	4.0	3.13	\$ 42	\$ 48	-\$0.10	n/a	\$ 7.0	27.2
Jack Henry	JKHY	\$ 1,290	\$ 1,241	3.3	3.13	\$ 49	\$ 397	\$0.62	23.0	\$ 14.3	90.4
Veritas Software Corp.	VRTS	\$ 6,890	\$ 4,850	4.8	3.34	\$ 2,040	\$ 1,450	-\$0.74	n/a	\$ 16.8	409.2
Precise Software	PRSE	\$ 360	\$ 259	5.4	3.88	\$ 101	\$ 67	\$0.07	179.4	\$ 12.6	28.7
Rambus Inc	RMBS	\$ 515	\$ 418	5.2	4.18	\$ 97	\$ 100	\$0.25	20.6	\$ 5.2	99.8
Intel Corp	INTC	\$ 125,600	\$ 115,000	4.7	4.32	\$ 10,600	\$ 26,600	\$0.29	64.8	\$ 18.8	6690.0
Adobe	ADBE	\$ 5,750	\$ 5,050	5.0	4.43	\$ 700	\$ 1,140	\$0.72	33.3	\$ 24.0	240.0
Micron Technology	MU	\$ 11,800	\$ 10,550	5.1	4.55	\$ 1,250	\$ 2,320	-\$1.50	n/a	\$ 19.5	603.6

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	\$ 2,140	\$ 1,712	5.9	4.75	\$ 428	\$ 361	\$0.15	170.8	\$ 25.6	83.7
Cisco	CSCO	\$ 96,500	\$ 87,530	5.2	4.76	\$ 8,970	\$ 18,400	\$0.15	87.9	\$ 13.2	7320.0
Oracle Corporation	ORCL	\$ 54,400	\$ 48,560	5.6	5.02	\$ 5,840	\$ 9,670	\$0.39	25.7	\$ 10.0	5430.0
Intuit, Inc.	INTU	\$ 9,310	\$ 7,510	6.2	5.04	\$ 1,800	\$ 1,490	\$0.48	91.6	\$ 44.0	211.6
Pmc-sierra Inc	PMCS	\$ 1,590	\$ 1,166	7.4	5.43	\$ 424	\$ 215	-\$2.18	n/a	\$ 9.6	166.3
CheckPoint Software	CHKP	\$ 4,070	\$ 2,890	9.0	6.37	\$ 1,180	\$ 454	\$1.08	15.5	\$ 16.8	242.8
PayPal	PYPL	\$ 1,330	\$ 1,154	7.7	6.65	\$ 176	\$ 174	-\$1.06	n/a	\$ 21.9	60.6
Microsoft Corp	MSFT	\$ 259,700	\$ 221,000	9.1	7.78	\$ 38,700	\$ 28,400	\$1.41	34.0	\$ 48.0	5420.0
Red Hat, Inc.	RHAT	\$ 783	\$ 681	10.2	8.83	\$ 103	\$ 77	-\$0.58	n/a	\$ 4.6	169.9
Yahoo!	YHOO	\$ 7,910	\$ 7,080	10.2	9.15	\$ 830	\$ 774	-\$0.01	n/a	\$ 13.2	600.6
Infosys Technologies Ltd.	INFY	\$ 6,820	\$ 6,585	11.9	11.54	\$ 236	\$ 571	\$1.27	40.6	\$ 51.5	132.4
EBay	EBAY	\$ 16,000	\$ 15,262	17.3	16.50	\$ 739	\$ 925	\$0.52	109.8	\$ 57.1	280.2