

Tornado Report. All prices as of market close Friday, August 30, 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	\$ 55	-\$ 26	23.7	-11.03	\$ 81	\$ 2	-\$0.99	n/a	\$ 2.4	22.8
eBT International, Inc.	EBTI	\$ 5	-\$ 56	0.7	-7.64	\$ 60	\$ 7	-\$1.44	n/a	\$ 0.3	14.9
Clarus	CLRS	\$ 80	-\$ 28	6.4	-2.22	\$ 107	\$ 13	-\$6.64	n/a	\$ 5.1	15.6
BackWeb Technologies Ltd.	BWEB	\$ 11	-\$ 23	0.8	-1.78	\$ 34	\$ 13	-\$0.68	n/a	\$ 0.3	39.5
Keynote	KEYN	\$ 208	-\$ 36	5.5	-0.96	\$ 244	\$ 38	-\$0.80	n/a	\$ 7.3	28.5
Pumatech	PUMA	\$ 18	-\$ 19	0.8	-0.84	\$ 37	\$ 23	-\$0.77	n/a	\$ 0.4	45.3
AvantGo	AVGO	\$ 21	-\$ 17	1.0	-0.84	\$ 38	\$ 20	-\$1.14	n/a	\$ 0.6	35.6
FirePond, Inc.	FIRE	\$ 10	-\$ 25	0.3	-0.77	\$ 35	\$ 32	-\$1.27	n/a	\$ 0.3	36.8
Comdisco Inc	CDO	\$ 23	-\$ 1,687	0.0	-0.70	\$ 1,710	\$ 2,410	-\$3.39	n/a	\$ 0.2	150.6
Vignette Corporation	VIGN	\$ 223	-\$ 131	1.1	-0.64	\$ 354	\$ 205	-\$4.80	n/a	\$ 0.9	250.4
Docent	DCNT	\$ 33	-\$ 17	1.2	-0.63	\$ 50	\$ 28	-\$1.20	n/a	\$ 0.8	43.0
Blue Martini Software	BLUE	\$ 57	-\$ 22	1.6	-0.59	\$ 79	\$ 37	-\$0.66	n/a	\$ 0.8	73.1
Corio, Inc.	CRIO	\$ 39	-\$ 25	0.8	-0.51	\$ 64	\$ 50	-\$0.82	n/a	\$ 0.7	56.5
Delano Technology	DTEC	\$ 6	-\$ 7	0.3	-0.38	\$ 13	\$ 18	-\$4.28	n/a	\$ 0.1	43.2
Commerce One	CMRC	\$ 116	-\$ 72	0.6	-0.37	\$ 188	\$ 197	-\$2.05	n/a	\$ 0.4	291.6
Akamai	AKAM	\$ 109	-\$ 42	0.7	-0.27	\$ 151	\$ 154	-\$2.04	n/a	\$ 0.9	116.4
I2	ITWO	\$ 388	-\$ 144	0.6	-0.22	\$ 532	\$ 660	-\$16.50	n/a	\$ 0.9	431.0
Liberate Technologies	LBRT	\$ 200	-\$ 17	2.5	-0.22	\$ 218	\$ 80	-\$3.06	n/a	\$ 1.9	107.6
Broadvision	BVSN	\$ 80	-\$ 32	0.5	-0.21	\$ 111	\$ 154	-\$18.66	n/a	\$ 2.5	32.2
IONA Technologies PLC	IONA	\$ 67	-\$ 32	0.4	-0.21	\$ 98	\$ 152	-\$3.08	n/a	\$ 2.1	32.6
NetManage, Inc.	NETM	\$ 20	-\$ 15	0.3	-0.19	\$ 34	\$ 77	-\$0.07	n/a	\$ 0.3	62.9
ExperTelligence, Inc.	EXGP	\$ 0	-\$ 0	0.9	-0.18	\$ 0	\$ 0	-\$1.33	n/a	\$ 0.2	2.4
Centra Software	CTRA	\$ 35	-\$ 6	1.0	-0.17	\$ 42	\$ 36	-\$0.67	n/a	\$ 1.4	25.6
CMG Info	CMGI	\$ 224	-\$ 131	0.3	-0.15	\$ 355	\$ 850	-\$5.00	n/a	\$ 0.6	392.4
Rogue Wave Software	RWAV	\$ 20	-\$ 7	0.4	-0.15	\$ 27	\$ 48	-\$0.24	n/a	\$ 1.9	10.8
Safeguard Scientifics	SFE	\$ 192	-\$ 229	0.1	-0.14	\$ 421	\$ 1,640	-\$1.82	n/a	\$ 1.6	119.4
Inktomi Corporation	INKT	\$ 74	-\$ 16	0.6	-0.12	\$ 90	\$ 131	-\$2.92	n/a	\$ 0.5	146.4
Art Technology Group	ARTG	\$ 65	-\$ 13	0.6	-0.11	\$ 78	\$ 113	-\$1.54	n/a	\$ 0.9	69.8
Netegrity, Inc.	NETE	\$ 78	-\$ 6	1.1	-0.08	\$ 84	\$ 73	-\$0.53	n/a	\$ 2.3	34.0
Nortel	NT	\$ 4,030	-\$ 840	0.3	-0.07	\$ 4,870	\$ 12,800	-\$2.12	n/a	\$ 1.1	3840.0
INSpire Insur. Solutions	NSPR	\$ 2	-\$ 3	0.0	-0.04	\$ 5	\$ 69	-\$3.58	n/a	\$ 0.1	19.0

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.)
Descartes Systems Group	DSGX	\$ 126	-\$ 3	1.8	-0.04	\$ 129	\$ 71	-\$0.99	n/a	\$ 2.4	52.2
Gentia	GNTIY.OB	\$ 0	-\$ 0	0.0	-0.02	\$ 0	\$ 9	-\$0.95	n/a	\$ 0.0	18.7
Silicon Graphics	SGI	\$ 236	-\$ 26	0.2	-0.02	\$ 262	\$ 1,340	-\$0.25	n/a	\$ 1.2	199.6
Beyond.com	BYND	\$ 3	-\$ 1	0.0	-0.01	\$ 4	\$ 91	-\$34.27	n/a	\$ 0.8	3.3
Magic Software Enterprise	MGIC	\$ 28	-\$ 1	0.4	-0.01	\$ 28	\$ 73	-\$1.12	n/a	\$ 1.1	26.1
Loudcloud	LDCL	\$ 77	\$ 0	1.2	0.00	\$ 77	\$ 62	-\$2.78	n/a	\$ 1.0	76.3
Optio Software	OPTO	\$ 5	\$ 1	0.2	0.02	\$ 5	\$ 31	-\$0.50	n/a	\$ 0.3	19.1
Solectron Corp	SLR	\$ 3,060	\$ 250	0.2	0.02	\$ 2,810	\$ 12,800	-\$1.00	n/a	\$ 3.7	823.9
Gateway Inc	GTW	\$ 1,130	\$ 100	0.2	0.02	\$ 1,030	\$ 4,540	-\$2.17	n/a	\$ 3.5	324.0
Accrue Software, Inc.	ACRU	\$ 3	\$ 0	0.2	0.03	\$ 3	\$ 14	-\$0.41	n/a	\$ 0.1	30.1
Lucent	LU	\$ 5,940	\$ 520	0.4	0.03	\$ 5,420	\$ 15,200	-\$4.83	n/a	\$ 1.7	3430.0
Comshare	CSRE	\$ 21	\$ 3	0.4	0.04	\$ 18	\$ 59	-\$1.23	n/a	\$ 2.0	10.3
Marimba, Inc.	MRBA	\$ 44	\$ 2	1.2	0.05	\$ 42	\$ 38	-\$0.58	n/a	\$ 1.8	24.5
Divine	DVIN	\$ 58	\$ 26	0.1	0.06	\$ 31	\$ 438	-\$38.48	n/a	\$ 2.9	20.2
Ingram Micro A	IM	\$ 2,050	\$ 1,573	0.1	0.07	\$ 477	\$ 22,900	\$0.10	136.5	\$ 13.7	150.5
Peerless Systems Corp.	PRLS	\$ 16	\$ 2	0.5	0.07	\$ 14	\$ 31	-\$0.39	n/a	\$ 1.0	15.4
Caldera International Inc	CALD	\$ 28	\$ 6	0.4	0.08	\$ 22	\$ 71	-\$8.96	n/a	\$ 2.0	13.9
QAD Inc.	QADI	\$ 69	\$ 16	0.4	0.08	\$ 53	\$ 193	-\$0.29	n/a	\$ 2.0	34.4
Ask Jeeves	ASKJ	\$ 47	\$ 5	0.7	0.08	\$ 42	\$ 64	-\$1.18	n/a	\$ 1.2	41.1
Aladdin Knowledge Systems	ALDN	\$ 18	\$ 4	0.4	0.09	\$ 14	\$ 47	-\$1.31	n/a	\$ 1.6	11.3
Mobius	MOBI	\$ 40	\$ 6	0.6	0.09	\$ 34	\$ 68	-\$0.30	n/a	\$ 2.3	17.2
Document Sciences	DOCX	\$ 9	\$ 2	0.4	0.10	\$ 7	\$ 22	\$0.02	118.0	\$ 2.4	3.9
Versant Corporation	VSNT	\$ 8	\$ 3	0.3	0.10	\$ 5	\$ 25	-\$0.48	n/a	\$ 0.6	12.3
Tech Data Corp	TECD	\$ 1,870	\$ 1,656	0.1	0.10	\$ 214	\$ 16,300	\$2.34	14.1	\$ 33.1	56.4
Starbase Corporation	SBAS	\$ 7	\$ 5	0.2	0.11	\$ 2	\$ 42	-\$13.23	n/a	\$ 0.8	8.7
Sagent	SGNT	\$ 13	\$ 5	0.3	0.12	\$ 8	\$ 45	-\$0.75	n/a	\$ 0.3	46.4
Novadigm	NVDM	\$ 33	\$ 7	0.6	0.12	\$ 26	\$ 59	-\$0.57	n/a	\$ 1.6	20.0
Click2Learn	CLKS	\$ 10	\$ 5	0.3	0.13	\$ 5	\$ 38	-\$0.96	n/a	\$ 0.4	24.3
Exelon Corp	EXLN	\$ 22	\$ 6	0.5	0.13	\$ 16	\$ 45	-\$1.49	n/a	\$ 0.4	59.3
Sapiens International	SPNS	\$ 25	\$ 9	0.4	0.14	\$ 16	\$ 66	-\$0.09	n/a	\$ 1.0	24.5
Segue	SEGU	\$ 11	\$ 4	0.4	0.15	\$ 6	\$ 30	-\$1.07	n/a	\$ 1.1	9.6
Astea International, Inc.	ATEA	\$ 8	\$ 2	0.5	0.17	\$ 6	\$ 15	-\$0.23	n/a	\$ 0.6	14.6
Pivotal Corporation	PVTL	\$ 53	\$ 12	0.8	0.17	\$ 41	\$ 70	-\$4.00	n/a	\$ 2.2	24.1
Apple Computer Inc	AAPL	\$ 5,280	\$ 970	0.9	0.17	\$ 4,310	\$ 5,750	\$0.49	30.0	\$ 14.7	358.9
BindView	BVEW	\$ 55	\$ 12	0.8	0.17	\$ 44	\$ 68	-\$0.68	n/a	\$ 1.1	51.8
Mercator	MCTR	\$ 49	\$ 21	0.4	0.18	\$ 27	\$ 122	-\$1.08	n/a	\$ 1.4	34.5
CNET	CNET	\$ 179	\$ 45	0.7	0.18	\$ 134	\$ 253	-\$10.93	n/a	\$ 1.3	138.9
VA Linux	LNIX	\$ 64	\$ 6	2.0	0.18	\$ 58	\$ 32	-\$6.95	n/a	\$ 1.2	54.1

All "tracked" companies.

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Frontstep	FSTP	\$ 23	\$ 19	0.2	0.20	\$ 4	\$ 93	-\$0.41	n/a	\$ 3.0	7.6
3Com	COMS	\$ 1,770	\$ 320	1.2	0.22	\$ 1,450	\$ 1,480	-\$1.71	n/a	\$ 4.9	358.5
Roxio, Inc.	ROXI	\$ 80	\$ 30	0.6	0.22	\$ 50	\$ 138	-\$0.07	n/a	\$ 4.1	19.5
Novell Inc	NOVL	\$ 947	\$ 264	0.8	0.23	\$ 683	\$ 1,140	-\$0.29	n/a	\$ 2.6	364.3
Walker Interactive System	WALK.OB	\$ 17	\$ 12	0.3	0.23	\$ 6	\$ 50	\$0.11	10.3	\$ 1.1	15.2
Cognicase	COGI	\$ 110	\$ 72	0.4	0.23	\$ 38	\$ 308	-\$0.07	n/a	\$ 1.8	62.8
Applix	APLX	\$ 17	\$ 9	0.5	0.24	\$ 8	\$ 37	-\$0.47	n/a	\$ 1.4	12.4
RSA Security Inc	RSAS	\$ 134	\$ 62	0.6	0.26	\$ 71	\$ 238	-\$1.14	n/a	\$ 2.4	56.6
Corel Corporation	CORL	\$ 123	\$ 37	1.0	0.29	\$ 86	\$ 128	-\$0.24	n/a	\$ 1.3	91.8
Earthlink	ELNK	\$ 917	\$ 422	0.7	0.32	\$ 495	\$ 1,320	-\$1.85	n/a	\$ 6.1	150.4
Ross Systems, Inc.	ROSS	\$ 21	\$ 15	0.5	0.34	\$ 5	\$ 45	\$0.61	13.0	\$ 7.9	2.6
Brio Technology, Inc.	BRIO	\$ 65	\$ 39	0.6	0.36	\$ 26	\$ 108	-\$0.55	n/a	\$ 1.7	37.1
Merant	MRNT	\$ 164	\$ 47	1.3	0.37	\$ 118	\$ 125	-\$2.00	n/a	\$ 6.4	25.7
Mobile Data Solutions	MDSI	\$ 27	\$ 17	0.6	0.39	\$ 11	\$ 43	-\$0.42	n/a	\$ 3.3	8.2
Amdocs	DOX	\$ 1,660	\$ 650	1.0	0.39	\$ 1,010	\$ 1,670	\$0.10	76.9	\$ 7.7	215.5
Interwoven	IWOV	\$ 265	\$ 66	1.7	0.43	\$ 199	\$ 153	-\$0.94	n/a	\$ 2.5	106.1
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	\$ 6.8	193.2
Tarantella, Inc.	TTLA	\$ 14	\$ 7	0.9	0.46	\$ 7	\$ 15	-\$1.15	n/a	\$ 0.3	40.6
ServiceWare Technologies	SVCW	\$ 10	\$ 6	0.8	0.47	\$ 4	\$ 12	-\$0.48	n/a	\$ 0.4	23.9
Unisys Corp	UIS	\$ 2,890	\$ 2,689	0.5	0.48	\$ 201	\$ 5,660	-\$0.23	n/a	\$ 8.9	325.1
Group 1 Software, Inc.	GSOE	\$ 96	\$ 44	1.0	0.48	\$ 52	\$ 92	\$0.76	18.1	\$ 13.8	7.0
Lawson Software	LWSN	\$ 424	\$ 208	1.0	0.49	\$ 216	\$ 428	-\$0.23	n/a	\$ 4.5	94.2
Parametric Technology	PMTC	\$ 596	\$ 405	0.8	0.51	\$ 191	\$ 789	-\$0.26	n/a	\$ 2.3	261.2
Selectica, Inc.	SLTC	\$ 144	\$ 22	3.5	0.53	\$ 122	\$ 42	-\$0.71	n/a	\$ 4.3	33.1
Computer Sciences	CSC	\$ 6,320	\$ 6,197	0.5	0.54	\$ 123	\$ 11,500	\$2.18	16.9	\$ 36.8	171.6
Pervasive Software	PVSW	\$ 55	\$ 20	1.5	0.55	\$ 34	\$ 37	\$0.34	9.6	\$ 3.3	16.8
Stellant	STEL	\$ 113	\$ 45	1.4	0.56	\$ 67	\$ 81	-\$1.45	n/a	\$ 5.0	22.4
Compuware	CPWR	\$ 1,360	\$ 950	0.8	0.59	\$ 410	\$ 1,620	-\$0.69	n/a	\$ 3.6	375.9
Cover-All Technologies	COVR.OB	\$ 4	\$ 4	0.6	0.60	\$ 0	\$ 6	-\$0.04	n/a	\$ 0.3	15.3
Advanced Micro Dev	AMD	\$ 3,030	\$ 1,930	0.9	0.60	\$ 1,100	\$ 3,220	-\$1.16	n/a	\$ 8.9	342.3
Hewlett Packard	HWP	\$ 33,900	\$ 26,760	0.8	0.61	\$ 7,140	\$ 44,200	\$0.36	48.4	\$ 17.4	1940.0
Netsol International	NTWK	\$ 2	\$ 2	0.6	0.62	\$ 0	\$ 4	-\$1.05	n/a	\$ 0.1	17.2
MapInfo Corporation	MAPS	\$ 95	\$ 59	1.0	0.62	\$ 36	\$ 95	-\$0.30	n/a	\$ 6.2	15.1
MicroStrategy	MSTR	\$ 134	\$ 97	0.9	0.62	\$ 37	\$ 156	\$3.21	3.5	\$ 11.3	11.9
CorVu	CRVU.OB	\$ 7	\$ 7	0.7	0.64	\$ 0	\$ 11	-\$0.02	n/a	\$ 0.4	20.7
Prophet 21	PXXI	\$ 45	\$ 28	1.1	0.66	\$ 17	\$ 43	\$0.23	51.1	\$ 11.8	3.8
Keane, Inc.	KEA	\$ 612	\$ 543	0.7	0.66	\$ 69	\$ 821	\$0.18	45.0	\$ 8.1	75.6

All "tracked" companies.

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Smartforce PLC	SMTF	\$ 245	\$ 156	1.1	0.71	\$ 89	\$ 221	-\$0.96	n/a	\$ 4.3	57.4
Sun Micro	SUNW	\$ 11,900	\$ 9,020	1.0	0.72	\$ 2,880	\$ 12,500	-\$0.19	n/a	\$ 3.7	3250.0
Bottomline Tech.	EPAY	\$ 84	\$ 54	1.1	0.73	\$ 30	\$ 74	-\$2.65	n/a	\$ 5.4	15.7
Research in Motion	RIMM	\$ 829	\$ 213	2.9	0.74	\$ 616	\$ 289	-\$0.55	n/a	\$ 10.6	78.2
Macromedia, Inc.	MACR	\$ 409	\$ 240	1.3	0.75	\$ 169	\$ 320	-\$3.40	n/a	\$ 6.8	59.8
Motorola Inc	MOT	\$ 27,600	\$ 21,110	1.0	0.76	\$ 6,490	\$ 27,600	-\$2.40	n/a	\$ 12.0	2300.0
Attunity	ATTU	\$ 17	\$ 13	1.0	0.79	\$ 4	\$ 16	-\$0.69	n/a	\$ 1.1	14.8
Tibco Software, Inc.	TIBX	\$ 877	\$ 232	3.0	0.79	\$ 645	\$ 292	-\$0.24	n/a	\$ 4.2	208.3
Actuate Corporation	ACTU	\$ 138	\$ 94	1.2	0.83	\$ 44	\$ 113	-\$0.12	n/a	\$ 2.3	60.7
Electronic Data Systems	EDS	\$ 19,300	\$ 18,726	0.9	0.84	\$ 574	\$ 22,300	\$2.62	15.4	\$ 40.3	480.3
Timberline Software	TMBS	\$ 58	\$ 49	1.0	0.85	\$ 10	\$ 57	\$0.06	82.8	\$ 5.0	11.7
Hyperion Solutions Corp.	HYSL	\$ 756	\$ 426	1.5	0.87	\$ 330	\$ 492	\$0.45	50.4	\$ 22.7	33.3
Wind River Systems, Inc.	WIND	\$ 405	\$ 296	1.3	0.96	\$ 110	\$ 307	-\$4.75	n/a	\$ 5.1	79.0
FileNET Corporation	FILE	\$ 481	\$ 329	1.4	0.97	\$ 152	\$ 340	\$0.07	192.9	\$ 13.5	35.6
Digital Think	DTHK	\$ 64	\$ 38	1.7	1.00	\$ 26	\$ 38	-\$1.46	n/a	\$ 1.6	41.1
Hummingbird Ltd.	HUMC	\$ 299	\$ 185	1.6	1.01	\$ 114	\$ 183	-\$0.33	n/a	\$ 16.3	18.3
Mitek Systems Inc.	MITK	\$ 14	\$ 12	1.2	1.03	\$ 1	\$ 12	\$0.02	61.0	\$ 1.2	11.1
DataMirror Corporation	DMCX	\$ 63	\$ 38	1.7	1.03	\$ 25	\$ 37	-\$0.19	n/a	\$ 5.5	11.5
Lsi Logic	LSI	\$ 2,730	\$ 1,720	1.7	1.04	\$ 1,010	\$ 1,650	-\$2.41	n/a	\$ 7.3	371.8
Network Associates, Inc.	NET	\$ 1,920	\$ 992	2.0	1.06	\$ 928	\$ 939	\$0.11	118.2	\$ 13.0	147.7
Onyx Software Corporation	ONXS	\$ 104	\$ 76	1.5	1.06	\$ 28	\$ 72	-\$1.83	n/a	\$ 2.1	50.6
DoubleClick	DCLK	\$ 765	\$ 374	2.2	1.07	\$ 392	\$ 348	-\$1.30	n/a	\$ 5.6	135.9
Informatica Corporation	INFA	\$ 365	\$ 209	1.9	1.09	\$ 157	\$ 192	-\$0.45	n/a	\$ 4.6	79.9
Legato Systems	LGTO	\$ 326	\$ 271	1.4	1.15	\$ 55	\$ 236	-\$1.65	n/a	\$ 2.8	114.9
Look Smart	LOOK	\$ 139	\$ 90	1.8	1.15	\$ 49	\$ 79	-\$0.28	n/a	\$ 1.4	98.0
Siebel Systems	SEBL	\$ 4,050	\$ 2,040	2.3	1.15	\$ 2,010	\$ 1,770	\$0.37	22.9	\$ 8.5	477.9
Phoenix	PTEC	\$ 196	\$ 138	1.7	1.17	\$ 58	\$ 117	-\$0.84	n/a	\$ 7.5	26.2
Progress Software	PRGS	\$ 506	\$ 315	1.9	1.18	\$ 191	\$ 268	\$0.47	29.8	\$ 14.0	36.2
Sybase, Inc.	SY	\$ 1,360	\$ 1,046	1.5	1.19	\$ 314	\$ 878	\$0.35	40.0	\$ 14.0	97.1
Verisign	VRSN	\$ 1,700	\$ 1,418	1.4	1.20	\$ 282	\$ 1,180	-\$24.30	n/a	\$ 7.2	236.7
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	\$ 8.7	50.9
Tektronix Inc	TEK	\$ 1,550	\$ 1,093	1.8	1.30	\$ 457	\$ 843	\$0.33	52.6	\$ 17.4	89.3
Lexmark Intl Inc A	LXK	\$ 5,950	\$ 5,813	1.4	1.36	\$ 137	\$ 4,280	\$2.00	23.6	\$ 47.2	126.1
America Online	AOL	\$ 56,500	\$ 54,790	1.4	1.36	\$ 1,710	\$ 40,200	-\$0.55	n/a	\$ 12.7	4460.0
Autodesk Inc	ADSK	\$ 1,530	\$ 1,272	1.7	1.40	\$ 258	\$ 911	\$0.63	21.1	\$ 13.3	114.7
Amazon	AMZN	\$ 5,680	\$ 4,856	1.7	1.42	\$ 824	\$ 3,410	-\$0.76	n/a	\$ 14.9	380.5

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JD Edwards	JDEC	\$ 1,550	\$ 1,262	1.8	1.43	\$ 288	\$ 883	\$0.23	56.6	\$ 13.0	118.8
BEA Systems	BEAS	\$ 2,480	\$ 1,380	2.8	1.53	\$ 1,100	\$ 902	-\$0.14	n/a	\$ 6.1	405.9
IBM	IBM	\$ 127,700	\$ 124,130	1.6	1.53	\$ 3,570	\$ 80,900	\$3.21	23.5	\$ 75.4	1690.0
Citrix Systems	CTXS	\$ 1,100	\$ 902	1.9	1.58	\$ 198	\$ 571	\$0.48	13.1	\$ 6.3	175.0
Peoplesoft	PSFT	\$ 5,020	\$ 3,340	2.5	1.69	\$ 1,680	\$ 1,980	\$0.58	27.7	\$ 16.1	312.2
Ariba	ARBA	\$ 584	\$ 417	2.4	1.73	\$ 168	\$ 241	-\$2.90	n/a	\$ 2.2	265.5
Borland	BORL	\$ 709	\$ 403	3.1	1.74	\$ 306	\$ 231	\$0.27	36.7	\$ 9.9	71.5
Checkfree Corp	CKFR	\$ 1,090	\$ 874	2.3	1.80	\$ 216	\$ 484	-\$5.38	n/a	\$ 12.4	88.1
Computer Associates	CA	\$ 6,470	\$ 5,659	2.1	1.87	\$ 811	\$ 3,020	-\$1.43	n/a	\$ 11.2	577.7
DST Systems	DST	\$ 4,090	\$ 3,942	2.0	1.93	\$ 148	\$ 2,040	\$1.72	19.8	\$ 34.1	119.9
Saba Software	SABA	\$ 131	\$ 109	2.4	1.99	\$ 22	\$ 55	-\$0.55	n/a	\$ 2.7	48.2
Business Objects Ads	BOBJ	\$ 1,200	\$ 867	2.8	1.99	\$ 333	\$ 435	\$0.72	26.6	\$ 19.1	63.0
Dell Computer Corp	DELL	\$ 69,100	\$ 65,060	2.2	2.03	\$ 4,040	\$ 32,100	\$0.69	38.6	\$ 26.6	2590.0
BMC Software, Inc.	BMC	\$ 3,350	\$ 2,589	2.7	2.07	\$ 761	\$ 1,250	-\$0.59	n/a	\$ 13.9	241.1
Overture	OVER	\$ 1,180	\$ 1,004	2.5	2.14	\$ 176	\$ 469	\$1.28	15.8	\$ 20.3	58.5
RealNetworks, Inc.	RNWK	\$ 731	\$ 396	4.0	2.18	\$ 335	\$ 182	-\$0.20	n/a	\$ 4.6	160.5
Open Text Corporation	OTEX	\$ 447	\$ 337	2.9	2.21	\$ 110	\$ 153	\$0.79	28.5	\$ 22.5	19.9
Symantec Corporation	SYMC	\$ 4,150	\$ 2,620	3.6	2.26	\$ 1,530	\$ 1,160	\$0.31	92.3	\$ 28.6	145.1
Documentum	DCTM	\$ 615	\$ 463	3.1	2.34	\$ 152	\$ 198	-\$0.30	n/a	\$ 15.4	39.8
Talarian Corporation	TALR	\$ 89	\$ 38	5.5	2.37	\$ 51	\$ 16	-\$1.09	n/a	\$ 4.6	19.3
Verity	VRTY	\$ 381	\$ 227	4.1	2.42	\$ 154	\$ 94	\$0.03	360.7	\$ 10.8	35.2
Cognos	COGN	\$ 1,590	\$ 1,252	3.2	2.49	\$ 338	\$ 503	\$0.44	41.0	\$ 18.1	88.0
Digital River, Inc.	DRIV	\$ 209	\$ 177	3.0	2.56	\$ 32	\$ 69	-\$0.46	n/a	\$ 7.8	26.9
DocuCorp	DOCC	\$ 198	\$ 186	2.8	2.61	\$ 13	\$ 71	\$0.35	42.2	\$ 14.8	13.4
ANSYS	ANSS	\$ 302	\$ 251	3.4	2.80	\$ 51	\$ 90	\$1.04	19.9	\$ 20.7	14.6
Embarcadero Technologies	EMBT	\$ 176	\$ 134	3.7	2.82	\$ 42	\$ 48	-\$0.10	n/a	\$ 6.5	27.2
SAP AG	SAP	\$ 24,200	\$ 23,160	3.3	3.19	\$ 1,040	\$ 7,270	\$0.15	128.3	\$ 19.3	1260.0
Veritas Software Corp.	VRTS	\$ 6,670	\$ 4,630	4.6	3.19	\$ 2,040	\$ 1,450	-\$0.74	n/a	\$ 16.3	410.5
Datakey, Inc.	DKEY	\$ 35	\$ 32	3.6	3.22	\$ 4	\$ 10	-\$0.12	n/a	\$ 3.5	10.1
Fiserv Inc	FISV	\$ 7,080	\$ 6,892	3.4	3.31	\$ 188	\$ 2,080	\$1.22	30.2	\$ 36.8	192.3
Bisys Group	BSG	\$ 3,040	\$ 2,958	3.5	3.42	\$ 82	\$ 866	\$0.94	27.1	\$ 25.5	119.3
Pmc-sierra Inc	PMCS	\$ 1,170	\$ 746	5.4	3.47	\$ 424	\$ 215	-\$2.18	n/a	\$ 7.0	167.3
Adobe	ADBE	\$ 4,810	\$ 4,110	4.2	3.61	\$ 700	\$ 1,140	\$0.72	27.8	\$ 20.1	240.0
Jack Henry	JKHY	\$ 1,480	\$ 1,431	3.7	3.61	\$ 49	\$ 397	\$0.62	26.3	\$ 16.3	90.4
Precise Software	PRSE	\$ 346	\$ 245	5.2	3.67	\$ 101	\$ 67	\$0.07	171.4	\$ 12.0	28.8
Intel Corp	INTC	\$ 111,100	\$ 100,500	4.2	3.78	\$ 10,600	\$ 26,600	\$0.29	57.5	\$ 16.7	6670.0
Micron Technology	MU	\$ 10,400	\$ 9,150	4.5	3.94	\$ 1,250	\$ 2,320	-\$1.50	n/a	\$ 17.3	603.6
Rambus Inc	RMBS	\$ 538	\$ 441	5.4	4.41	\$ 97	\$ 100	\$0.25	21.8	\$ 5.5	98.6

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.)
Cisco	CSCO	\$ 101,100	\$ 88,400	5.3	4.68	\$ 12,700	\$ 18,900	\$0.25	55.3	\$ 13.8	7320.0
Oracle Corporation	ORCL	\$ 52,100	\$ 46,260	5.4	4.78	\$ 5,840	\$ 9,670	\$0.39	24.6	\$ 9.6	5430.0
Mercury Interactive Corp.	MERQ	\$ 2,140	\$ 1,796	6.0	5.01	\$ 344	\$ 359	\$0.28	90.8	\$ 25.4	84.1
Intuit, Inc.	INTU	\$ 9,440	\$ 8,170	6.3	5.45	\$ 1,270	\$ 1,500	\$0.46	97.0	\$ 44.6	211.6
CheckPoint Software	CHKP	\$ 4,070	\$ 2,890	9.0	6.37	\$ 1,180	\$ 454	\$1.08	15.5	\$ 16.8	242.8
Yahoo!	YHOO	\$ 6,160	\$ 5,330	8.0	6.89	\$ 830	\$ 774	-\$0.01	n/a	\$ 10.3	600.6
PayPal	PYPL	\$ 1,330	\$ 1,227	7.7	7.06	\$ 103	\$ 174	-\$1.06	n/a	\$ 21.8	60.8
Microsoft Corp	MSFT	\$ 266,000	\$ 227,300	9.4	8.00	\$ 38,700	\$ 28,400	\$1.41	34.8	\$ 49.1	5420.0
Red Hat, Inc.	RHAT	\$ 807	\$ 705	10.5	9.14	\$ 103	\$ 77	-\$0.58	n/a	\$ 4.8	169.9
Infosys Technologies Ltd.	INFY	\$ 7,490	\$ 7,255	13.1	12.71	\$ 236	\$ 571	\$1.27	44.6	\$ 56.6	132.4
EBay	EBAY	\$ 15,900	\$ 15,162	17.2	16.39	\$ 739	\$ 925	\$0.52	108.7	\$ 56.5	281.8