

All prices as of market close Friday, July 19, 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.)
Rare Medium	RRRR	\$ 12	-\$ 72	38.8	-235.9	\$ 84	\$ 0	-\$1.35	n/a	\$ 0.2	65.3
Liquid Audio, Inc.	LQID	\$ 56	-\$ 30	17.5	-9.5	\$ 86	\$ 3	-\$1.36	n/a	\$ 2.5	22.7
eBT International, Inc.	EBTI	\$ 5	-\$ 56	0.7	-7.6	\$ 60	\$ 7	-\$1.44	n/a	\$ 0.3	14.9
Clarus	CLRS	\$ 72	-\$ 41	4.5	-2.6	\$ 114	\$ 16	-\$6.66	n/a	\$ 4.6	15.6
BackWeb Technologies Ltd.	BWEB	\$ 17	-\$ 21	1.1	-1.3	\$ 38	\$ 16	-\$0.85	n/a	\$ 0.4	39.1
Keynote	KEYN	\$ 201	-\$ 46	5.3	-1.2	\$ 247	\$ 38	-\$0.80	n/a	\$ 7.1	28.4
AvantGo	AVGO	\$ 17	-\$ 25	0.8	-1.1	\$ 42	\$ 22	-\$1.47	n/a	\$ 0.5	35.5
Docent	DCNT	\$ 27	-\$ 29	0.9	-1.0	\$ 56	\$ 30	-\$1.38	n/a	\$ 0.6	42.9
FirePond, Inc.	FIRE	\$ 9	-\$ 26	0.3	-0.8	\$ 35	\$ 32	-\$1.27	n/a	\$ 0.3	36.8
ExperTelligence, Inc.	EXGP	\$ 0	-\$ 0	0.4	-0.7	\$ 0	\$ 0	-\$1.33	n/a	\$ 0.1	2.4
Comdisco Inc	CDO	\$ 23	-\$ 1,687	0.0	-0.7	\$ 1,710	\$ 2,410	-\$3.39	n/a	\$ 0.2	150.6
Corio, Inc.	CRIO	\$ 41	-\$ 30	0.8	-0.6	\$ 71	\$ 49	-\$1.03	n/a	\$ 0.7	55.9
Pumatech	PUMA	\$ 24	-\$ 14	0.9	-0.5	\$ 37	\$ 26	-\$0.97	n/a	\$ 0.5	45.3
Commerce One	CMRC	\$ 150	-\$ 97	0.8	-0.5	\$ 247	\$ 197	-\$2.06	n/a	\$ 0.5	289.0
VA Linux	LNIX	\$ 43	-\$ 15	1.4	-0.5	\$ 58	\$ 32	-\$6.95	n/a	\$ 0.8	54.1
Delano Technology	DTEC	\$ 6	-\$ 7	0.3	-0.4	\$ 13	\$ 18	-\$4.28	n/a	\$ 0.1	43.2
Centra Software	CTRA	\$ 32	-\$ 13	0.9	-0.4	\$ 45	\$ 38	-\$0.76	n/a	\$ 1.3	25.6
Blue Martini Software	BLUE	\$ 74	-\$ 15	1.7	-0.3	\$ 89	\$ 45	-\$0.79	n/a	\$ 1.0	74.0
Marimba, Inc.	MRBA	\$ 34	-\$ 9	0.8	-0.2	\$ 44	\$ 41	-\$0.52	n/a	\$ 1.4	24.2
CMG Info	CMGI	\$ 185	-\$ 171	0.2	-0.2	\$ 355	\$ 850	-\$5.00	n/a	\$ 0.5	392.4
I2	ITWO	\$ 503	-\$ 114	0.8	-0.2	\$ 617	\$ 668	-\$16.50	n/a	\$ 1.2	426.2
IONA Technologies PLC	IONA	\$ 80	-\$ 30	0.5	-0.2	\$ 110	\$ 178	-\$3.35	n/a	\$ 2.5	32.6
Akamai	AKAM	\$ 139	-\$ 25	0.9	-0.2	\$ 164	\$ 154	-\$2.05	n/a	\$ 1.2	116.0
Corel Corporation	CORL	\$ 69	-\$ 17	0.5	-0.1	\$ 86	\$ 128	-\$0.24	n/a	\$ 0.8	91.8
Caldera International Inc	CALD	\$ 14	-\$ 8	0.2	-0.1	\$ 22	\$ 71	-\$8.96	n/a	\$ 1.0	13.9
Safeguard Scientifics	SFE	\$ 197	-\$ 178	0.1	-0.1	\$ 375	\$ 1,700	-\$2.47	n/a	\$ 1.7	119.5
Ask Jeeves	ASKJ	\$ 46	-\$ 6	0.7	-0.1	\$ 52	\$ 64	-\$1.18	n/a	\$ 1.1	41.1
Broadvision	BVSN	\$ 115	-\$ 14	0.6	-0.1	\$ 130	\$ 184	-\$2.76	n/a	\$ 0.4	288.4
Art Technology Group	ARTG	\$ 71	-\$ 9	0.6	-0.1	\$ 80	\$ 123	-\$2.12	n/a	\$ 1.0	69.8
Vignette Corporation	VIGN	\$ 353	-\$ 15	1.4	-0.1	\$ 368	\$ 253	-\$5.48	n/a	\$ 1.4	248.9
Netegrity, Inc.	NETE	\$ 90	-\$ 5	1.1	-0.1	\$ 95	\$ 82	-\$0.14	n/a	\$ 2.7	34.0

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.)
Rogue Wave Software	RWAV	\$ 25	-\$ 2	0.5	0.0	\$ 27	\$ 48	-\$0.24	n/a	\$ 2.3	11.1
INSpire Insur. Solutions	NSPR	\$ 2	-\$ 3	0.0	0.0	\$ 5	\$ 69	-\$3.58	n/a	\$ 0.1	19.0
Gateway Inc	GTW	\$ 1,060	-\$ 140	0.2	0.0	\$ 1,200	\$ 4,540	-\$2.17	n/a	\$ 3.3	324.0
Beyond.com	BYND	\$ 3	-\$ 1	0.0	0.0	\$ 4	\$ 91	-\$34.27	n/a	\$ 0.8	3.3
Gentia	GNTIY.OB	\$ 0	-\$ 0	0.0	0.0	\$ 0	\$ 9	-\$0.95	n/a	\$ 0.0	18.7
BindView	BVEW	\$ 45	-\$ 0	0.6	0.0	\$ 45	\$ 71	-\$0.39	n/a	\$ 0.9	51.7
Silicon Graphics	SIGI	\$ 242	\$ 10	0.2	0.0	\$ 232	\$ 1,490	-\$1.33	n/a	\$ 1.2	199.6
Divine	DVIN	\$ 48	\$ 6	0.1	0.0	\$ 43	\$ 336	-\$42.40	n/a	\$ 2.6	18.8
Magic Software Enterprise	MGIC	\$ 32	\$ 4	0.4	0.1	\$ 28	\$ 73	-\$1.12	n/a	\$ 1.2	26.1
Ingram Micro A	IM	\$ 1,740	\$ 1,361	0.1	0.1	\$ 380	\$ 23,600	-\$0.02	n/a	\$ 11.6	149.9
Inktomi Corporation	INKT	\$ 118	\$ 8	0.9	0.1	\$ 110	\$ 134	-\$2.91	n/a	\$ 0.8	145.3
Nortel	NT	\$ 3,850	\$ 760	0.3	0.1	\$ 3,090	\$ 12,800	-\$2.11	n/a	\$ 1.2	3210.0
Accrue Software, Inc.	ACRU	\$ 5	\$ 1	0.4	0.1	\$ 5	\$ 14	-\$0.41	n/a	\$ 0.2	30.2
Sapiens International	SPNS	\$ 24	\$ 5	0.4	0.1	\$ 19	\$ 65	-\$0.33	n/a	\$ 1.0	24.5
Document Sciences	DOCX	\$ 9	\$ 2	0.4	0.1	\$ 7	\$ 22	\$0.10	22.5	\$ 2.3	3.9
Comshare	CSRE	\$ 23	\$ 5	0.4	0.1	\$ 18	\$ 60	-\$1.20	n/a	\$ 2.2	10.3
MicroStrategy	MSTR	\$ 47	\$ 14	0.3	0.1	\$ 33	\$ 167	\$0.29	1.7	\$ 0.5	93.5
Solectron Corp	SLR	\$ 4,020	\$ 1,210	0.3	0.1	\$ 2,810	\$ 12,800	-\$1.00	n/a	\$ 4.9	823.9
Tech Data Corp	TECD	\$ 1,980	\$ 1,766	0.1	0.1	\$ 214	\$ 16,400	\$1.99	17.7	\$ 35.2	56.4
NetManage, Inc.	NETM	\$ 43	\$ 9	0.6	0.1	\$ 34	\$ 77	-\$0.07	n/a	\$ 0.7	62.9
Lucent	LU	\$ 6,850	\$ 2,030	0.4	0.1	\$ 4,820	\$ 18,100	-\$3.03	n/a	\$ 2.0	3430.0
Brio Technology, Inc.	BRIO	\$ 40	\$ 13	0.4	0.1	\$ 27	\$ 111	-\$0.86	n/a	\$ 1.1	37.1
Versant Corporation	VSNT	\$ 9	\$ 4	0.3	0.1	\$ 5	\$ 29	-\$0.43	n/a	\$ 0.7	12.3
Loudcloud	LDCL	\$ 85	\$ 9	1.4	0.1	\$ 77	\$ 62	-\$2.78	n/a	\$ 1.1	76.3
Frontstep	FSTP	\$ 18	\$ 14	0.2	0.1	\$ 4	\$ 100	-\$1.12	n/a	\$ 2.4	7.6
3Com	COMS	\$ 1,660	\$ 210	1.1	0.1	\$ 1,450	\$ 1,480	-\$1.71	n/a	\$ 4.7	356.5
Exelon Corp	EXLN	\$ 25	\$ 7	0.5	0.1	\$ 18	\$ 45	-\$1.48	n/a	\$ 0.4	58.8
Aladdin Knowledge Systems	ALDN	\$ 21	\$ 7	0.4	0.1	\$ 14	\$ 47	-\$1.31	n/a	\$ 1.8	11.3
Mobius	MOBI	\$ 44	\$ 10	0.7	0.1	\$ 34	\$ 67	-\$0.22	n/a	\$ 2.5	17.2
Peerless Systems Corp.	PRLS	\$ 18	\$ 5	0.6	0.2	\$ 14	\$ 32	-\$0.48	n/a	\$ 1.2	15.4
Selectica, Inc.	SLTC	\$ 134	\$ 7	2.8	0.2	\$ 127	\$ 47	-\$0.75	n/a	\$ 4.0	33.6
Mercator	MCTR	\$ 48	\$ 20	0.4	0.2	\$ 28	\$ 125	-\$1.58	n/a	\$ 1.4	33.9
QAD Inc.	QADI	\$ 82	\$ 32	0.4	0.2	\$ 50	\$ 197	-\$0.24	n/a	\$ 2.4	34.4
Segue	SEGU	\$ 14	\$ 5	0.4	0.2	\$ 9	\$ 33	-\$1.60	n/a	\$ 1.5	9.6
Novell Inc	NOVL	\$ 867	\$ 184	0.8	0.2	\$ 683	\$ 1,110	-\$0.38	n/a	\$ 2.4	364.3
Apple Computer Inc	AAPL	\$ 5,370	\$ 1,060	0.9	0.2	\$ 4,310	\$ 5,750	\$0.49	30.5	\$ 15.0	358.9
Stellant	STEL	\$ 107	\$ 19	1.2	0.2	\$ 89	\$ 88	-\$1.00	n/a	\$ 4.8	22.4
Sagent	SGNT	\$ 23	\$ 11	0.5	0.2	\$ 13	\$ 48	-\$0.80	n/a	\$ 0.5	46.4

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Applix	APLX	\$ 17	\$ 8	0.4	0.2	\$ 8	\$ 37	-\$0.47	n/a	\$ 1.4	12.2
Interwoven	IWOV	\$ 254	\$ 35	1.7	0.2	\$ 219	\$ 153	-\$0.94	n/a	\$ 2.4	106.0
Walker Interactive System	WALK.OB	\$ 17	\$ 12	0.3	0.2	\$ 6	\$ 50	\$0.11	10.3	\$ 1.1	15.2
Cognicase	COGI	\$ 120	\$ 71	0.4	0.2	\$ 49	\$ 291	-\$0.22	n/a	\$ 2.0	60.4
Mobile Data Solutions	MDSI	\$ 29	\$ 15	0.6	0.3	\$ 13	\$ 52	-\$0.95	n/a	\$ 3.2	8.9
Starbase Corporation	SBAS	\$ 16	\$ 14	0.3	0.3	\$ 2	\$ 45	-\$1.48	n/a	\$ 0.2	87.4
Earthlink	ELNK	\$ 859	\$ 406	0.7	0.3	\$ 453	\$ 1,280	-\$2.34	n/a	\$ 5.7	150.2
RSA Security Inc	RSAS	\$ 154	\$ 85	0.6	0.3	\$ 70	\$ 262	-\$0.48	n/a	\$ 2.7	56.6
Astea International, Inc.	ATEA	\$ 12	\$ 6	0.8	0.3	\$ 7	\$ 16	-\$0.14	n/a	\$ 0.9	14.6
Ross Systems, Inc.	ROSS	\$ 22	\$ 16	0.5	0.4	\$ 5	\$ 45	\$0.61	13.5	\$ 8.3	2.6
Amdocs	DOX	\$ 1,670	\$ 630	1.0	0.4	\$ 1,040	\$ 1,700	\$0.31	24.3	\$ 7.5	222.5
Merant	MRNT	\$ 164	\$ 47	1.3	0.4	\$ 118	\$ 125	-\$2.00	n/a	\$ 6.4	25.7
Tarantella, Inc.	TTLA	\$ 14	\$ 8	0.7	0.4	\$ 6	\$ 20	-\$0.23	n/a	\$ 0.3	40.6
Unisys Corp	UIS	\$ 2,560	\$ 2,277	0.5	0.4	\$ 283	\$ 5,660	-\$0.23	n/a	\$ 7.9	323.8
CNET	CNET	\$ 222	\$ 107	0.8	0.4	\$ 115	\$ 266	-\$12.35	n/a	\$ 1.6	138.8
Smartforce PLC	SMTF	\$ 196	\$ 90	0.9	0.4	\$ 106	\$ 221	-\$0.96	n/a	\$ 3.4	57.0
Click2Learn	CLKS	\$ 24	\$ 18	0.6	0.4	\$ 7	\$ 42	-\$0.96	n/a	\$ 1.0	24.3
Pivotal Corporation	PVTL	\$ 72	\$ 30	1.0	0.4	\$ 42	\$ 72	-\$4.41	n/a	\$ 3.0	24.1
Netsol International	NTWK	\$ 2	\$ 2	0.5	0.4	\$ 0	\$ 4	-\$1.05	n/a	\$ 0.1	17.2
Digital Think	DTHK	\$ 47	\$ 17	1.2	0.4	\$ 30	\$ 38	-\$1.46	n/a	\$ 1.1	41.0
NetGenesis Corp.	NTGX	\$ 40	\$ 9	2.1	0.4	\$ 31	\$ 20	-\$1.98	n/a	\$ 1.7	23.6
Hyperion Solutions Corp.	HYSL	\$ 534	\$ 222	1.1	0.4	\$ 313	\$ 493	-\$0.60	n/a	\$ 16.1	33.3
Liberate Technologies	LBRT	\$ 254	\$ 37	3.2	0.5	\$ 218	\$ 80	-\$3.06	n/a	\$ 2.4	106.8
Compaq Computer	CPQ	\$ 18,800	\$ 15,100	0.6	0.5	\$ 3,700	\$ 32,100	-\$0.36	n/a	\$ 11.0	1710.0
Prophet 21	PXXI	\$ 38	\$ 21	0.9	0.5	\$ 17	\$ 43	\$0.23	43.5	\$ 10.0	3.8
Advanced Micro Dev	AMD	\$ 2,900	\$ 1,620	0.9	0.5	\$ 1,280	\$ 3,220	-\$1.16	n/a	\$ 8.5	341.5
Computer Sciences	CSC	\$ 6,290	\$ 6,141	0.6	0.5	\$ 149	\$ 11,400	\$2.00	18.3	\$ 36.7	171.5
Novadigm	NVDM	\$ 60	\$ 34	1.0	0.5	\$ 26	\$ 63	-\$0.32	n/a	\$ 2.9	20.8
Group 1 Software, Inc.	GSOE	\$ 98	\$ 50	1.1	0.6	\$ 48	\$ 89	\$0.63	22.4	\$ 14.1	7.0
ServiceWare Technologies	SVCW	\$ 9	\$ 7	0.8	0.6	\$ 2	\$ 12	-\$0.83	n/a	\$ 0.4	23.9
Cover-All Technologies	COVR.OB	\$ 4	\$ 4	0.6	0.6	\$ 0	\$ 6	-\$0.04	n/a	\$ 0.2	15.3
Compuware	CPWR	\$ 1,380	\$ 970	0.9	0.6	\$ 410	\$ 1,620	-\$0.69	n/a	\$ 3.7	375.9
Hewlett Packard	HWP	\$ 33,900	\$ 26,760	0.8	0.6	\$ 7,140	\$ 44,200	\$0.36	48.4	\$ 17.4	1940.0
Descartes Systems Group	DSGX	\$ 174	\$ 45	2.4	0.6	\$ 129	\$ 73	-\$1.03	n/a	\$ 3.3	52.2
CorVu	CRVU.OB	\$ 7	\$ 7	0.6	0.6	\$ 0	\$ 11	-\$0.02	n/a	\$ 0.4	20.7
Lawson Software	LWSN	\$ 490	\$ 274	1.1	0.6	\$ 216	\$ 428	-\$0.23	n/a	\$ 5.2	94.2
Electronic Data Systems	EDS	\$ 15,100	\$ 14,620	0.7	0.7	\$ 480	\$ 21,900	\$2.60	12.2	\$ 31.6	479.0
Rational Software Corp.	RATL	\$ 1,490	\$ 480	2.2	0.7	\$ 1,010	\$ 667	-\$0.30	n/a	\$ 7.7	194.6

All "tracked" companies.

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Roxio, Inc.	ROXI	\$ 158	\$ 106	1.1	0.7	\$ 52	\$ 143	\$0.13	62.1	\$ 8.1	19.5
Bottomline Tech.	EPAY	\$ 87	\$ 57	1.1	0.8	\$ 30	\$ 76	-\$2.77	n/a	\$ 5.5	15.7
Parametric Technology	PMTC	\$ 819	\$ 615	1.0	0.8	\$ 204	\$ 789	-\$0.26	n/a	\$ 3.1	260.8
Actuate Corporation	ACTU	\$ 133	\$ 90	1.2	0.8	\$ 43	\$ 113	-\$0.12	n/a	\$ 2.2	60.5
Timberline Software	TMBS	\$ 56	\$ 47	1.0	0.8	\$ 10	\$ 57	\$0.06	80.0	\$ 4.8	11.7
MapInfo Corporation	MAPS	\$ 113	\$ 79	1.2	0.8	\$ 34	\$ 95	-\$0.30	n/a	\$ 7.5	15.1
Pervasive Software	PVSW	\$ 63	\$ 32	1.7	0.9	\$ 32	\$ 37	\$0.33	11.5	\$ 3.8	16.8
Network Associates, Inc.	NET	\$ 1,670	\$ 805	1.8	0.9	\$ 865	\$ 936	\$0.09	126.3	\$ 11.4	146.8
Sybase, Inc.	SY	\$ 1,050	\$ 767	1.2	0.9	\$ 284	\$ 878	\$0.35	30.3	\$ 10.6	99.2
Sun Micro	SUNW	\$ 13,800	\$ 10,920	1.1	0.9	\$ 2,880	\$ 12,500	-\$0.19	n/a	\$ 4.3	3250.0
Legato Systems	LGTO	\$ 343	\$ 207	1.4	0.9	\$ 135	\$ 237	-\$1.31	n/a	\$ 3.8	90.9
JD Edwards	JDEC	\$ 1,050	\$ 762	1.2	0.9	\$ 288	\$ 858	-\$1.50	n/a	\$ 8.8	118.8
FileNET Corporation	FILE	\$ 488	\$ 304	1.4	0.9	\$ 184	\$ 340	\$0.07	195.7	\$ 13.7	35.6
Macromedia, Inc.	MACR	\$ 455	\$ 293	1.4	0.9	\$ 162	\$ 320	-\$3.44	n/a	\$ 7.7	59.2
Keane, Inc.	KEA	\$ 796	\$ 732	1.0	0.9	\$ 64	\$ 792	\$0.20	52.5	\$ 10.5	75.8
Mitek Systems Inc.	MITK	\$ 12	\$ 11	1.0	0.9	\$ 1	\$ 12	\$0.05	21.6	\$ 1.1	11.1
Doubleclick	DCLK	\$ 750	\$ 333	2.2	1.0	\$ 417	\$ 348	-\$1.30	n/a	\$ 5.5	136.1
Motorola Inc	MOT	\$ 33,700	\$ 27,210	1.2	1.0	\$ 6,490	\$ 27,600	-\$2.40	n/a	\$ 14.9	2270.0
Hummingbird Ltd.	HUMC	\$ 298	\$ 195	1.6	1.0	\$ 103	\$ 187	\$0.13	125.0	\$ 16.3	18.3
Lsi Logic	LSI	\$ 2,720	\$ 1,753	1.6	1.0	\$ 967	\$ 1,680	-\$3.15	n/a	\$ 7.3	369.9
Borland	BORL	\$ 534	\$ 238	2.4	1.0	\$ 296	\$ 227	\$0.29	26.1	\$ 7.6	70.5
Look Smart	LOOK	\$ 134	\$ 88	1.7	1.1	\$ 46	\$ 77	-\$0.43	n/a	\$ 1.4	98.6
Attunity	ATTU	\$ 23	\$ 20	1.4	1.2	\$ 3	\$ 17	-\$0.91	n/a	\$ 1.6	14.6
Verisign	VRSN	\$ 1,600	\$ 1,294	1.5	1.2	\$ 306	\$ 1,100	-\$59.48	n/a	\$ 6.8	236.4
Phoenix	PTEC	\$ 194	\$ 140	1.7	1.2	\$ 54	\$ 117	-\$0.84	n/a	\$ 7.4	26.0
Wind River Systems, Inc.	WIND	\$ 477	\$ 368	1.6	1.2	\$ 110	\$ 307	-\$4.75	n/a	\$ 6.0	79.0
Onyx Software Corporation	ONXS	\$ 129	\$ 101	1.6	1.2	\$ 28	\$ 83	-\$2.08	n/a	\$ 2.6	50.4
Progress Software	PRGS	\$ 518	\$ 326	1.9	1.2	\$ 191	\$ 268	\$0.47	30.4	\$ 14.3	36.2
RealNetworks, Inc.	RNWK	\$ 564	\$ 227	3.1	1.2	\$ 337	\$ 182	-\$0.20	n/a	\$ 3.6	159.0
DataMirror Corporation	DMCX	\$ 71	\$ 46	2.0	1.3	\$ 26	\$ 37	-\$0.26	n/a	\$ 6.2	11.5
Avant!	AVNT	\$ 712	\$ 524	1.7	1.3	\$ 189	\$ 413	-\$4.31	n/a	\$ 18.4	38.8
Autodesk Inc	ADSK	\$ 1,440	\$ 1,182	1.5	1.3	\$ 258	\$ 931	\$0.70	17.9	\$ 12.5	114.7
CrossWorlds Software	CWLD	\$ 125	\$ 103	1.6	1.3	\$ 22	\$ 81	-\$0.49	n/a	\$ 4.6	27.0
WebMethods	WEBM	\$ 466	\$ 255	2.4	1.3	\$ 212	\$ 196	-\$1.67	n/a	\$ 9.2	50.7
America Online	AOL	\$ 51,600	\$ 50,743	1.3	1.3	\$ 857	\$ 38,900	-\$0.80	n/a	\$ 11.6	4450.0
Siebel Systems	SEBL	\$ 4,400	\$ 2,390	2.5	1.4	\$ 2,010	\$ 1,770	\$0.37	25.1	\$ 9.3	473.6
Citrix Systems	CTXS	\$ 957	\$ 772	1.7	1.4	\$ 185	\$ 571	\$0.48	11.0	\$ 5.3	182.0
Research in Motion	RIMM	\$ 1,010	\$ 394	3.5	1.4	\$ 616	\$ 289	-\$0.55	n/a	\$ 12.9	78.5

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Lexmark Intl Inc A	LXK	\$ 6,000	\$ 5,885	1.4	1.4	\$ 115	\$ 4,200	\$1.98	23.4	\$ 46.3	129.7
Tektronix Inc	TEK	\$ 1,640	\$ 1,183	1.9	1.4	\$ 457	\$ 843	\$0.33	55.0	\$ 18.2	90.5
IBM	IBM	\$ 123,300	\$ 119,330	1.5	1.5	\$ 3,970	\$ 81,500	\$3.16	22.8	\$ 72.0	1710.0
Amazon	AMZN	\$ 5,730	\$ 4,985	1.8	1.5	\$ 745	\$ 3,270	-\$0.98	n/a	\$ 15.3	375.1
Silver Stream	SSSW	\$ 204	\$ 86	3.7	1.6	\$ 118	\$ 55	-\$5.00	n/a	\$ 9.0	22.7
Open Text Corporation	OTEX	\$ 348	\$ 243	2.3	1.6	\$ 106	\$ 152	\$0.59	29.3	\$ 17.3	20.1
Computer Associates	CA	\$ 5,930	\$ 4,750	2.0	1.6	\$ 1,180	\$ 2,960	-\$1.91	n/a	\$ 10.3	578.5
Peoplesoft	PSFT	\$ 5,070	\$ 3,390	2.6	1.7	\$ 1,680	\$ 1,980	\$0.58	28.1	\$ 16.3	310.5
Symantec Corporation	SYMC	\$ 3,600	\$ 2,070	3.1	1.8	\$ 1,530	\$ 1,160	\$0.31	101.7	\$ 31.5	114.2
Tibco Software, Inc.	TIBX	\$ 1,170	\$ 525	4.0	1.8	\$ 645	\$ 292	-\$0.24	n/a	\$ 5.6	208.3
Saba Software	SABA	\$ 120	\$ 98	2.2	1.8	\$ 22	\$ 55	-\$0.55	n/a	\$ 2.5	48.2
DocuCorp	DOCC	\$ 144	\$ 132	2.0	1.9	\$ 13	\$ 71	\$0.35	30.7	\$ 10.8	13.4
Checkfree Corp	CKFR	\$ 1,120	\$ 904	2.3	1.9	\$ 216	\$ 484	-\$5.38	n/a	\$ 12.8	88.1
Dell Computer Corp	DELL	\$ 65,100	\$ 61,140	2.1	2.0	\$ 3,960	\$ 31,200	\$0.46	54.5	\$ 25.1	2590.0
BEA Systems	BEAS	\$ 2,950	\$ 1,870	3.1	2.0	\$ 1,080	\$ 944	-\$0.14	n/a	\$ 7.3	405.9
Verity	VRTY	\$ 340	\$ 186	3.6	2.0	\$ 154	\$ 94	\$0.03	317.7	\$ 9.5	35.7
Documentum	DCTM	\$ 510	\$ 414	2.6	2.1	\$ 96	\$ 199	-\$0.30	n/a	\$ 12.9	39.5
DST Systems	DST	\$ 4,120	\$ 3,992	2.2	2.1	\$ 128	\$ 1,910	\$1.87	18.4	\$ 34.4	119.7
Informatica Corporation	INFA	\$ 579	\$ 407	3.0	2.1	\$ 172	\$ 193	-\$0.45	n/a	\$ 7.3	79.3
BMC Software, Inc.	BMC	\$ 3,380	\$ 2,834	2.6	2.2	\$ 546	\$ 1,290	-\$0.75	n/a	\$ 14.0	241.2
Ariba	ARBA	\$ 753	\$ 589	2.8	2.2	\$ 164	\$ 267	-\$3.21	n/a	\$ 2.9	264.2
ANSYS	ANSS	\$ 250	\$ 199	2.8	2.3	\$ 50	\$ 88	\$0.98	17.3	\$ 16.9	14.7
Talarian Corporation	TALR	\$ 89	\$ 38	5.5	2.4	\$ 51	\$ 16	-\$1.09	n/a	\$ 4.6	19.3
Cognos	COGN	\$ 1,550	\$ 1,212	3.1	2.4	\$ 338	\$ 503	\$0.44	40.0	\$ 17.6	88.0
Datakey, Inc.	DKEY	\$ 27	\$ 24	3.0	2.6	\$ 4	\$ 9	-\$0.17	n/a	\$ 2.7	10.1
Overture	OVER	\$ 1,210	\$ 1,024	3.2	2.7	\$ 186	\$ 379	\$0.93	22.3	\$ 20.7	58.4
Business Objects Ads	BOBJ	\$ 1,470	\$ 1,209	3.5	2.8	\$ 261	\$ 425	\$0.70	33.4	\$ 23.4	63.0
SAP AG	SAP	\$ 23,600	\$ 22,470	3.1	3.0	\$ 1,130	\$ 7,580	\$0.44	42.6	\$ 18.8	1260.0
Jack Henry	JKHY	\$ 1,170	\$ 1,121	3.2	3.0	\$ 49	\$ 370	\$0.61	21.2	\$ 13.0	90.4
Fiserv Inc	FISV	\$ 6,180	\$ 6,041	3.1	3.0	\$ 139	\$ 1,990	\$1.16	27.8	\$ 32.3	191.2
Precise Software	PRSE	\$ 268	\$ 187	4.4	3.1	\$ 81	\$ 61	\$0.05	187.0	\$ 9.4	28.7
Digital River, Inc.	DRIV	\$ 231	\$ 201	3.7	3.2	\$ 31	\$ 63	-\$0.66	n/a	\$ 8.6	26.8
Bisys Group	BSG	\$ 3,050	\$ 2,968	3.7	3.6	\$ 82	\$ 822	\$0.87	29.4	\$ 25.6	119.3
Veritas Software Corp.	VRTS	\$ 7,490	\$ 5,450	5.2	3.8	\$ 2,040	\$ 1,450	-\$0.74	n/a	\$ 18.3	409.2
Embarcadero Technologies	EMBT	\$ 237	\$ 197	4.7	3.9	\$ 39	\$ 50	-\$0.07	n/a	\$ 8.7	27.2
Intel Corp	INTC	\$ 124,700	\$ 114,100	4.7	4.3	\$ 10,600	\$ 26,600	\$0.29	64.3	\$ 18.7	6690.0
Mercury Interactive Corp.	MERQ	\$ 2,030	\$ 1,602	5.6	4.4	\$ 428	\$ 361	\$0.15	161.3	\$ 24.2	83.7
Adobe	ADBE	\$ 5,850	\$ 5,150	5.1	4.5	\$ 700	\$ 1,140	\$0.72	33.9	\$ 24.4	240.0

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.)
Rambus Inc	RMBS	\$ 557	\$ 458	5.6	4.6	\$ 99	\$ 100	\$0.25	22.3	\$ 5.6	99.8
CheckPoint Software	CHKP	\$ 3,370	\$ 2,260	6.9	4.6	\$ 1,110	\$ 487	\$1.16	11.9	\$ 13.9	242.8
Intuit, Inc.	INTU	\$ 8,750	\$ 6,950	5.9	4.7	\$ 1,800	\$ 1,490	\$0.48	86.2	\$ 41.4	211.6
Oracle Corporation	ORCL	\$ 53,400	\$ 47,560	5.5	4.9	\$ 5,840	\$ 9,670	\$0.39	24.9	\$ 9.7	5490.0
Cisco	CSCO	\$ 99,900	\$ 90,930	5.4	4.9	\$ 8,970	\$ 18,400	\$0.15	91.0	\$ 13.7	7320.0
Micron Technology	MU	\$ 13,400	\$ 12,150	5.8	5.2	\$ 1,250	\$ 2,320	-\$1.50	n/a	\$ 22.3	603.6
Pmc-sierra Inc	PMCS	\$ 1,740	\$ 1,316	8.1	6.1	\$ 424	\$ 215	-\$2.18	n/a	\$ 10.5	166.3
Microsoft Corp	MSFT	\$ 268,400	\$ 229,700	9.5	8.1	\$ 38,700	\$ 28,400	\$1.41	35.1	\$ 49.6	5420.0
Yahoo!	YHOO	\$ 7,990	\$ 6,520	10.3	8.4	\$ 1,470	\$ 774	-\$0.01	n/a	\$ 13.4	597.9
PayPal	PYPL	\$ 1,370	\$ 1,279	9.8	9.2	\$ 91	\$ 140	-\$1.65	n/a	\$ 22.6	60.6
Red Hat, Inc.	RHAT	\$ 950	\$ 847	12.3	11.0	\$ 103	\$ 77	-\$0.58	n/a	\$ 5.6	169.9
Infosys Technologies Ltd.	INFY	\$ 6,530	\$ 6,295	11.4	11.0	\$ 236	\$ 571	\$1.27	38.9	\$ 49.4	132.4
EBay	EBAY	\$ 16,700	\$ 15,970	18.1	17.3	\$ 730	\$ 925	\$0.52	114.3	\$ 59.5	280.2