

All prices as of market close Thursday, April 30, 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	\$ 18	-\$ 90	9.6	-47.3	\$ 109	\$ 2	-\$1.62	n/a	\$ 0.3	65.3
Liquid Audio, Inc.	LQID	\$ 53	-\$ 38	11.3	-8.1	\$ 92	\$ 5	-\$1.65	n/a	\$ 2.4	22.7
eBT International, Inc.	EBTI	\$ 4	-\$ 56	0.6	-7.7	\$ 60	\$ 7	-\$1.44	n/a	\$ 0.3	14.9
Clarus	CLRS	\$ 74	-\$ 40	4.5	-2.4	\$ 114	\$ 16	-\$6.66	n/a	\$ 4.8	15.6
BackWeb Technologies Ltd.	BWEB	\$ 19	-\$ 18	1.2	-1.2	\$ 38	\$ 16	-\$0.85	n/a	\$ 0.5	38.9
Comdisco Inc	CDO	\$ 23	-\$ 1,687	0.0	-0.7	\$ 1,710	\$ 2,410	-\$3.39	n/a	\$ 0.2	150.6
ExperTelligence, Inc.	EXGP	\$ 0	-\$ 0	0.6	-0.5	\$ 0	\$ 0	-\$1.33	n/a	\$ 0.1	2.4
AvantGo	AVGO	\$ 33	-\$ 9	1.6	-0.4	\$ 42	\$ 22	-\$1.46	n/a	\$ 0.9	35.5
Corio, Inc.	CRIO	\$ 65	-\$ 14	1.3	-0.3	\$ 79	\$ 49	-\$1.04	n/a	\$ 1.2	55.8
Blue Martini Software	BLUE	\$ 76	-\$ 13	1.7	-0.3	\$ 89	\$ 46	-\$0.79	n/a	\$ 1.1	69.3
Selectica, Inc.	SLTC	\$ 133	-\$ 11	3.0	-0.2	\$ 144	\$ 45	-\$0.76	n/a	\$ 3.8	34.9
Marimba, Inc.	MRBA	\$ 50	-\$ 9	1.2	-0.2	\$ 58	\$ 41	-\$0.52	n/a	\$ 2.1	24.2
Caldera International Inc	CALD	\$ 15	-\$ 11	0.3	-0.2	\$ 26	\$ 57	-\$9.67	n/a	\$ 1.1	14.4
FirePond, Inc.	FIRE	\$ 37	-\$ 5	0.9	-0.1	\$ 42	\$ 39	-\$1.90	n/a	\$ 1.0	36.8
Silver Stream	SSSW	\$ 112	-\$ 7	2.0	-0.1	\$ 118	\$ 55	-\$5.01	n/a	\$ 5.0	22.4
Safeguard Scientifics	SFE	\$ 313	-\$ 191	0.2	-0.1	\$ 504	\$ 1,930	-\$4.26	n/a	\$ 2.6	119.4
INSpire Insur. Solutions	NSPR	\$ 2	-\$ 3	0.0	0.0	\$ 5	\$ 69	-\$3.58	n/a	\$ 0.1	19.0
Art Technology Group	ARTG	\$ 115	-\$ 4	0.9	0.0	\$ 119	\$ 123	-\$2.12	n/a	\$ 1.7	69.7
Beyond.com	BYND	\$ 3	-\$ 1	0.0	0.0	\$ 4	\$ 91	-\$34.27	n/a	\$ 0.8	3.3
Delano Technology	DTEC	\$ 13	\$ 0	0.7	0.0	\$ 13	\$ 18	-\$4.28	n/a	\$ 0.3	43.2
Gentia	GNTIY.OB	\$ 1	\$ 0	0.1	0.0	\$ 0	\$ 9	-\$0.95	n/a	\$ 0.0	18.7
Document Sciences	DOCX	\$ 8	\$ 1	0.4	0.0	\$ 7	\$ 22	\$0.10	21.0	\$ 2.1	3.9
CMG Info	CMGI	\$ 502	\$ 60	0.5	0.1	\$ 442	\$ 956	-\$7.55	n/a	\$ 1.3	392.3
Ingram Micro A	IM	\$ 2,230	\$ 1,851	0.1	0.1	\$ 380	\$ 23,600	-\$0.02	n/a	\$ 14.9	149.9
Pumatech	PUMA	\$ 45	\$ 3	1.5	0.1	\$ 42	\$ 31	-\$0.97	n/a	\$ 1.0	45.3
Comshare	CSRE	\$ 24	\$ 6	0.4	0.1	\$ 18	\$ 60	-\$1.20	n/a	\$ 2.4	10.3
Elcom	ELCO	\$ 17	\$ 6	0.3	0.1	\$ 11	\$ 62	-\$0.80	n/a	\$ 0.6	30.9
Divine	DIVN	\$ 128	\$ 20	0.6	0.1	\$ 108	\$ 199	\$0.00	n/a	\$ -	0.0
Gateway Inc	GTW	\$ 1,780	\$ 580	0.4	0.1	\$ 1,200	\$ 5,040	-\$2.04	n/a	\$ 5.5	324.0
VA Linux	LNIX	\$ 70	\$ 5	1.5	0.1	\$ 65	\$ 47	-\$9.01	n/a	\$ 1.3	53.9
Tech Data Corp	TECD	\$ 2,630	\$ 2,372	0.2	0.1	\$ 258	\$ 17,200	\$1.96	24.2	\$ 47.3	55.6

## 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.)
Magic Software Enterprise	MGIC	\$ 39	\$ 11	0.5	0.1	\$ 28	\$ 77	-\$1.44	n/a	\$ 1.5	26.1
Accrue Software, Inc.	ACRU	\$ 7	\$ 2	0.5	0.1	\$ 5	\$ 15	-\$1.76	n/a	\$ 0.2	30.2
Rogue Wave Software	RWAV	\$ 37	\$ 8	0.7	0.1	\$ 29	\$ 52	-\$0.17	n/a	\$ 3.4	10.8
Frontstep	FSTP	\$ 22	\$ 15	0.2	0.1	\$ 7	\$ 105	-\$3.03	n/a	\$ 2.9	7.6
Sapiens International	SPNS	\$ 28	\$ 10	0.4	0.1	\$ 19	\$ 63	-\$0.76	n/a	\$ 1.2	23.0
Mobius	MOBI	\$ 44	\$ 10	0.7	0.2	\$ 34	\$ 67	-\$0.22	n/a	\$ 2.6	17.2
Silicon Graphics	SIG	\$ 551	\$ 319	0.4	0.2	\$ 232	\$ 1,490	-\$1.33	n/a	\$ 2.8	196.8
Corel Corporation	CORL	\$ 124	\$ 29	0.9	0.2	\$ 95	\$ 133	-\$0.15	n/a	\$ 1.4	91.8
Solectron Corp	SLR	\$ 6,010	\$ 3,400	0.4	0.2	\$ 2,610	\$ 13,700	-\$0.93	n/a	\$ 7.3	822.9
Commerce One	CMRC	\$ 321	\$ 73	1.2	0.3	\$ 247	\$ 270	-\$10.84	n/a	\$ 1.1	288.9
Ask Jeeves	ASKJ	\$ 59	\$ 18	0.9	0.3	\$ 41	\$ 64	-\$1.55	n/a	\$ 1.5	40.0
Keynote	KEYN	\$ 258	\$ 11	6.5	0.3	\$ 247	\$ 39	-\$1.95	n/a	\$ 9.1	28.2
NetManage, Inc.	NETM	\$ 58	\$ 23	0.7	0.3	\$ 34	\$ 77	-\$0.07	n/a	\$ 0.9	64.0
Applix	APLX	\$ 21	\$ 12	0.5	0.3	\$ 8	\$ 38	-\$0.66	n/a	\$ 1.7	12.2
Brio Technology, Inc.	BRIO	\$ 64	\$ 37	0.6	0.3	\$ 27	\$ 111	-\$0.87	n/a	\$ 2.1	30.0
Mobile Data Solutions	MDSI	\$ 32	\$ 19	0.6	0.4	\$ 13	\$ 52	-\$0.95	n/a	\$ 3.7	8.8
3Com	COMS	\$ 2,060	\$ 600	1.3	0.4	\$ 1,460	\$ 1,610	-\$3.17	n/a	\$ 5.8	356.5
Astea International, Inc.	ATEA	\$ 14	\$ 7	0.8	0.4	\$ 7	\$ 17	-\$0.10	n/a	\$ 0.9	14.6
Ross Systems, Inc.	ROSS	\$ 23	\$ 18	0.5	0.4	\$ 5	\$ 45	\$0.60	14.8	\$ 8.9	2.6
CorVu	CRVU.OB	\$ 5	\$ 5	0.4	0.4	\$ 0	\$ 12	-\$0.05	n/a	\$ 0.2	20.4
Versant Corporation	VSNT	\$ 18	\$ 12	0.6	0.4	\$ 6	\$ 29	-\$0.64	n/a	\$ 1.4	12.3
Compaq Computer	CPQ	\$ 17,400	\$ 13,700	0.5	0.4	\$ 3,700	\$ 32,100	-\$0.36	n/a	\$ 10.2	1710.0
Walker Interactive System	WALK.OB	\$ 27	\$ 22	0.6	0.4	\$ 6	\$ 50	\$0.11	16.4	\$ 1.8	15.2
QAD Inc.	QADI	\$ 142	\$ 91	0.7	0.4	\$ 51	\$ 204	-\$0.16	n/a	\$ 4.1	34.2
NetGenesis Corp.	NTGX	\$ 40	\$ 9	2.1	0.4	\$ 31	\$ 20	-\$1.98	n/a	\$ 1.7	23.6
Mercator	MCTR	\$ 85	\$ 57	0.7	0.4	\$ 28	\$ 126	-\$1.58	n/a	\$ 2.5	33.8
Starbase Corporation	SBAS	\$ 26	\$ 23	0.5	0.5	\$ 3	\$ 50	-\$1.17	n/a	\$ 0.3	75.2
Sagent	SGNT	\$ 34	\$ 22	0.7	0.5	\$ 13	\$ 48	-\$0.82	n/a	\$ 0.7	46.2
BindView	BVEW	\$ 78	\$ 32	1.1	0.5	\$ 45	\$ 71	-\$0.40	n/a	\$ 1.5	51.7
Aladdin Knowledge Systems	ALDN	\$ 36	\$ 22	0.8	0.5	\$ 13	\$ 47	-\$1.32	n/a	\$ 3.1	11.3
ServiceWare Technologies	SVCW	\$ 11	\$ 6	0.9	0.5	\$ 5	\$ 12	-\$1.30	n/a	\$ 0.4	23.9
Merant	MRNT	\$ 201	\$ 84	1.2	0.5	\$ 118	\$ 170	-\$0.42	n/a	\$ 7.9	25.7
Segue	SEGU	\$ 26	\$ 17	0.8	0.5	\$ 9	\$ 33	-\$1.60	n/a	\$ 2.7	9.5
Peerless Systems Corp.	PRLS	\$ 27	\$ 15	0.9	0.5	\$ 12	\$ 30	-\$0.73	n/a	\$ 1.8	15.4
Nortel	NT	\$ 10,900	\$ 7,810	0.7	0.5	\$ 3,090	\$ 14,700	-\$7.13	n/a	\$ 3.4	3220.0
Novell Inc	NOVL	\$ 1,340	\$ 605	1.3	0.6	\$ 736	\$ 1,070	-\$0.77	n/a	\$ 3.7	362.6
Group 1 Software, Inc.	GSOE	\$ 97	\$ 53	1.1	0.6	\$ 44	\$ 92	\$0.88	15.9	\$ 14.0	6.9
Hewlett Packard	HWP	\$ 33,200	\$ 26,060	0.8	0.6	\$ 7,140	\$ 44,200	\$0.36	47.5	\$ 17.1	1940.0

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Lucent	LU	\$ 15,700	\$ 10,880	0.9	0.6	\$ 4,820	\$ 18,100	-\$3.03	n/a	\$ 4.6	3420.0
Akamai	AKAM	\$ 266	\$ 102	1.7	0.6	\$ 164	\$ 161	-\$2.58	n/a	\$ 2.3	116.3
Computer Sciences	CSC	\$ 7,660	\$ 7,536	0.7	0.7	\$ 124	\$ 11,300	\$0.96	46.7	\$ 44.9	170.9
Tarantella, Inc.	TTLA	\$ 20	\$ 14	1.0	0.7	\$ 6	\$ 20	-\$0.23	n/a	\$ 0.5	40.6
Advanced Micro Dev	AMD	\$ 3,820	\$ 2,540	1.1	0.7	\$ 1,280	\$ 3,610	-\$0.56	n/a	\$ 11.2	341.2
Unisys Corp	UIS	\$ 4,370	\$ 4,087	0.8	0.7	\$ 283	\$ 5,760	-\$0.27	n/a	\$ 13.5	323.8
Broadvision	BVSN	\$ 293	\$ 133	1.6	0.7	\$ 160	\$ 184	-\$2.77	n/a	\$ 1.0	286.8
Cognicase	COGI	\$ 262	\$ 199	1.0	0.7	\$ 64	\$ 275	-\$0.39	n/a	\$ 5.1	51.9
Apple Computer Inc	AAPL	\$ 8,590	\$ 4,280	1.5	0.7	\$ 4,310	\$ 5,790	\$0.57	42.6	\$ 24.3	354.1
Prophet 21	PXXI	\$ 48	\$ 32	1.1	0.8	\$ 16	\$ 43	-\$0.09	n/a	\$ 12.5	3.8
Pervasive Software	PVSW	\$ 61	\$ 29	1.6	0.8	\$ 32	\$ 38	\$0.13	27.7	\$ 3.6	17.0
MicroStrategy	MSTR	\$ 160	\$ 127	1.0	0.8	\$ 33	\$ 165	\$0.30	5.8	\$ 1.7	92.7
Netsol International	NTWK	\$ 4	\$ 4	0.8	0.8	\$ 0	\$ 5	-\$1.19	n/a	\$ 0.3	16.0
Cover-All Technologies	COVR.OB	\$ 6	\$ 5	0.9	0.8	\$ 0	\$ 6	-\$0.05	n/a	\$ 0.4	15.3
Loudcloud	LDCL	\$ 141	\$ 46	2.5	0.8	\$ 95	\$ 56	-\$3.57	n/a	\$ 1.9	76.0
Doubleclick	DCLK	\$ 1,060	\$ 315	2.8	0.8	\$ 745	\$ 374	-\$1.62	n/a	\$ 7.8	136.0
Earthlink	ELNK	\$ 1,080	\$ 1,080	0.8	0.8	\$ -	\$ 1,280	-\$2.34	n/a	\$ 7.3	148.1
Descartes Systems Group	DSGX	\$ 186	\$ 67	2.3	0.8	\$ 119	\$ 80	-\$1.16	n/a	\$ 3.6	52.2
Accelio	ACLO	\$ 71	\$ 54	1.2	0.9	\$ 18	\$ 62	-\$1.23	n/a	\$ 2.9	25.0
Centra Software	CTRA	\$ 79	\$ 34	2.1	0.9	\$ 45	\$ 38	-\$0.76	n/a	\$ 3.1	25.5
I2	ITWO	\$ 1,340	\$ 723	1.7	0.9	\$ 617	\$ 790	-\$16.82	n/a	\$ 3.2	425.7
Hyperion Solutions Corp.	HYSL	\$ 768	\$ 456	1.6	0.9	\$ 313	\$ 488	-\$0.60	n/a	\$ 23.4	32.8
Digital Think	DTHK	\$ 41	\$ 41	0.9	0.9	\$ -	\$ 43	-\$1.59	n/a	\$ 1.0	40.4
Parametric Technology	PMTC	\$ 1,050	\$ 854	1.3	1.0	\$ 196	\$ 837	-\$0.17	n/a	\$ 4.0	260.0
Motorola Inc	MOT	\$ 35,000	\$ 29,000	1.2	1.0	\$ 6,000	\$ 28,300	-\$1.73	n/a	\$ 15.4	2270.0
RSA Security Inc	RSAS	\$ 345	\$ 276	1.3	1.1	\$ 70	\$ 262	-\$0.48	n/a	\$ 6.1	56.6
Pivotal Corporation	PVTL	\$ 118	\$ 77	1.6	1.1	\$ 42	\$ 72	-\$4.41	n/a	\$ 4.9	24.1
Vignette Corporation	VIGN	\$ 638	\$ 269	2.5	1.1	\$ 368	\$ 253	-\$5.47	n/a	\$ 2.6	248.2
Smartforce PLC	SMTF	\$ 367	\$ 261	1.5	1.1	\$ 106	\$ 243	-\$0.28	n/a	\$ 6.4	57.0
Attunity	ATTU	\$ 22	\$ 19	1.3	1.1	\$ 3	\$ 17	-\$0.90	n/a	\$ 1.5	14.6
Exelon Corp	EXLN	\$ 81	\$ 55	1.6	1.1	\$ 26	\$ 49	-\$1.76	n/a	\$ 1.4	57.8
Electronic Data Systems	EDS	\$ 26,000	\$ 25,520	1.2	1.2	\$ 480	\$ 21,900	\$2.60	20.9	\$ 54.3	479.1
Timberline Software	TMBS	\$ 76	\$ 66	1.3	1.2	\$ 10	\$ 57	\$0.13	50.0	\$ 6.5	11.7
Sybase, Inc.	SY	\$ 1,390	\$ 1,107	1.5	1.2	\$ 284	\$ 907	-\$0.28	n/a	\$ 14.1	98.7
Avant!	AVNT	\$ 640	\$ 494	1.6	1.2	\$ 146	\$ 399	-\$4.75	n/a	\$ 16.7	38.4
JD Edwards	JDEC	\$ 1,310	\$ 1,076	1.5	1.3	\$ 234	\$ 857	-\$1.60	n/a	\$ 11.1	118.2
DataMirror Corporation	DMCX	\$ 69	\$ 45	1.9	1.3	\$ 24	\$ 36	-\$0.31	n/a	\$ 6.0	11.5
Docent	DCNT	\$ 95	\$ 38	3.2	1.3	\$ 57	\$ 30	-\$1.37	n/a	\$ 2.2	43.0

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FileNET Corporation	FILE	\$ 610	\$ 426	1.8	1.3	\$ 184	\$ 335	-\$0.28	n/a	\$ 17.3	35.4
Interwoven	IWOV	\$ 442	\$ 223	2.5	1.3	\$ 219	\$ 175	-\$1.20	n/a	\$ 4.2	104.7
CrossWorlds Software	CWLD	\$ 125	\$ 103	1.6	1.3	\$ 22	\$ 81	-\$0.49	n/a	\$ 4.6	27.0
DocuCorp	DOCC	\$ 102	\$ 88	1.5	1.3	\$ 13	\$ 69	\$0.31	24.5	\$ 7.6	13.4
Hummingbird Ltd.	HUMC	\$ 345	\$ 242	1.8	1.3	\$ 103	\$ 187	\$0.12	157.0	\$ 18.8	18.3
MapInfo Corporation	MAPS	\$ 165	\$ 131	1.7	1.3	\$ 34	\$ 99	-\$0.26	n/a	\$ 11.0	15.0
Lawson Software	LWSN	\$ 802	\$ 574	1.9	1.3	\$ 228	\$ 427	-\$0.17	n/a	\$ 8.5	94.2
Keane, Inc.	KEA	\$ 1,180	\$ 1,116	1.5	1.4	\$ 64	\$ 792	\$0.20	78.2	\$ 15.6	75.8
Compuware	CPWR	\$ 2,930	\$ 2,653	1.6	1.4	\$ 277	\$ 1,840	\$0.36	21.8	\$ 7.8	373.4
Inktomi Corporation	INKT	\$ 337	\$ 227	2.3	1.5	\$ 110	\$ 149	-\$2.51	n/a	\$ 2.3	145.3
IONA Technologies PLC	IONA	\$ 338	\$ 284	1.9	1.6	\$ 54	\$ 181	-\$3.14	n/a	\$ 12.2	27.8
Progress Software	PRGS	\$ 602	\$ 419	2.3	1.6	\$ 182	\$ 266	\$0.47	35.9	\$ 16.9	35.7
Digital River, Inc.	DRIV	\$ 131	\$ 101	2.1	1.6	\$ 31	\$ 63	-\$0.65	n/a	\$ 4.9	26.6
Network Associates, Inc.	NET	\$ 2,500	\$ 1,420	2.8	1.6	\$ 1,080	\$ 885	-\$0.30	n/a	\$ 17.8	140.7
Mitek Systems Inc.	MITK	\$ 19	\$ 19	1.6	1.6	\$ -	\$ 12	\$0.06	28.5	\$ 1.7	11.1
Tektronix Inc	TEK	\$ 2,010	\$ 1,535	2.1	1.6	\$ 475	\$ 940	\$0.65	33.8	\$ 22.0	91.2
Click2Learn	CLKS	\$ 75	\$ 69	1.8	1.6	\$ 7	\$ 42	-\$0.96	n/a	\$ 3.1	24.3
IBM	IBM	\$ 143,800	\$ 139,830	1.7	1.7	\$ 3,970	\$ 83,400	\$4.05	20.7	\$ 83.8	1720.0
Amazon	AMZN	\$ 6,260	\$ 5,515	1.9	1.7	\$ 745	\$ 3,270	-\$0.98	n/a	\$ 16.7	375.1
Verisign	VRSN	\$ 2,180	\$ 1,874	2.0	1.7	\$ 306	\$ 1,100	-\$59.40	n/a	\$ 9.3	236.1
CNET	CNET	\$ 569	\$ 454	2.1	1.7	\$ 115	\$ 266	-\$12.34	n/a	\$ 4.1	138.7
Novadigm	NVDM	\$ 134	\$ 108	2.1	1.7	\$ 26	\$ 63	-\$0.31	n/a	\$ 6.8	19.8
Onyx Software Corporation	ONXS	\$ 182	\$ 148	2.2	1.8	\$ 34	\$ 84	-\$2.09	n/a	\$ 3.6	50.3
Autodesk Inc	ADSK	\$ 2,020	\$ 1,682	2.1	1.8	\$ 338	\$ 948	\$0.81	22.7	\$ 18.4	109.6
Bottomline Tech.	EPAY	\$ 153	\$ 137	2.0	1.8	\$ 16	\$ 77	-\$3.21	n/a	\$ 9.7	15.8
Lexmark Intl Inc A	LXK	\$ 7,740	\$ 7,625	1.8	1.8	\$ 115	\$ 4,200	\$1.98	30.2	\$ 59.8	129.5
Sun Micro	SUNW	\$ 26,600	\$ 24,220	2.0	1.8	\$ 2,380	\$ 13,100	-\$0.23	n/a	\$ 8.2	3250.0
Wind River Systems, Inc.	WIND	\$ 850	\$ 696	2.4	2.0	\$ 153	\$ 351	-\$4.85	n/a	\$ 10.9	78.0
Borland	BORL	\$ 747	\$ 451	3.3	2.0	\$ 296	\$ 227	\$0.29	37.6	\$ 10.9	68.6
Netegrity, Inc.	NETE	\$ 259	\$ 165	3.1	2.0	\$ 95	\$ 82	-\$0.14	n/a	\$ 7.7	33.9
Legato Systems	LGTO	\$ 624	\$ 489	2.6	2.1	\$ 135	\$ 237	-\$1.31	n/a	\$ 6.9	90.4
Saba Software	SABA	\$ 141	\$ 117	2.5	2.1	\$ 24	\$ 56	-\$0.72	n/a	\$ 2.9	48.2
Dell Computer Corp	DELL	\$ 68,700	\$ 64,790	2.2	2.1	\$ 3,910	\$ 31,200	\$0.46	57.3	\$ 26.3	2610.0
Open Text Corporation	OTEX	\$ 429	\$ 325	2.8	2.1	\$ 104	\$ 152	\$0.60	35.8	\$ 21.5	20.0
America Online	AOL	\$ 84,600	\$ 83,743	2.2	2.2	\$ 857	\$ 38,900	-\$0.80	n/a	\$ 19.0	4450.0
BMC Software, Inc.	BMC	\$ 3,510	\$ 3,030	2.5	2.2	\$ 480	\$ 1,380	-\$0.66	n/a	\$ 14.5	242.8
Amdocs	DOX	\$ 4,840	\$ 3,800	2.8	2.2	\$ 1,040	\$ 1,700	\$0.31	70.1	\$ 21.7	222.8
Lsi Logic	LSI	\$ 4,740	\$ 3,773	2.8	2.2	\$ 967	\$ 1,680	-\$3.15	n/a	\$ 12.9	369.2

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Talarian Corporation	TALR	\$ 89	\$ 38	5.5	2.4	\$ 51	\$ 16	-\$1.09	n/a	\$ 4.6	19.3
Informatica Corporation	INFA	\$ 627	\$ 455	3.3	2.4	\$ 172	\$ 191	-\$0.56	n/a	\$ 7.9	79.1
Roxio, Inc.	ROXI	\$ 408	\$ 347	2.9	2.5	\$ 61	\$ 140	\$0.04	531.3	\$ 21.3	19.2
Phoenix	PTEC	\$ 347	\$ 294	3.0	2.5	\$ 54	\$ 117	-\$0.93	n/a	\$ 13.8	25.2
Actuate Corporation	ACTU	\$ 342	\$ 299	2.9	2.5	\$ 43	\$ 118	-\$0.14	n/a	\$ 5.7	60.5
Research in Motion	RIMM	\$ 1,390	\$ 745	4.7	2.5	\$ 645	\$ 294	-\$0.37	n/a	\$ 17.7	78.5
Peoplesoft	PSFT	\$ 7,170	\$ 5,390	3.5	2.6	\$ 1,780	\$ 2,040	\$0.62	37.4	\$ 23.2	309.6
Rational Software Corp.	RATL	\$ 2,830	\$ 1,870	4.1	2.7	\$ 960	\$ 690	-\$0.39	n/a	\$ 14.6	194.4
WebMethods	WEBM	\$ 750	\$ 538	3.8	2.7	\$ 212	\$ 196	-\$1.67	n/a	\$ 14.9	50.4
Ariba	ARBA	\$ 989	\$ 751	3.8	2.9	\$ 238	\$ 260	-\$3.22	n/a	\$ 3.8	263.7
Look Smart	LOOK	\$ 223	\$ 223	2.9	2.9	\$ -	\$ 77	-\$0.43	n/a	\$ 2.4	93.8
Datakey, Inc.	DKEY	\$ 32	\$ 28	3.5	3.1	\$ 4	\$ 9	-\$0.17	n/a	\$ 3.1	10.1
Verity	VRTY	\$ 476	\$ 343	4.4	3.2	\$ 132	\$ 109	\$0.19	70.2	\$ 13.3	35.7
Citrix Systems	CTXS	\$ 2,120	\$ 1,935	3.5	3.2	\$ 185	\$ 601	\$0.54	21.5	\$ 11.6	182.8
Checkfree Corp	CKFR	\$ 1,780	\$ 1,564	3.7	3.2	\$ 216	\$ 484	-\$5.38	n/a	\$ 20.4	87.4
BEA Systems	BEAS	\$ 4,340	\$ 3,310	4.4	3.4	\$ 1,030	\$ 976	-\$0.10	n/a	\$ 10.7	405.3
Computer Associates Int'l	CA	\$ 10,700	\$ 10,010	3.7	3.4	\$ 690	\$ 2,930	-\$2.21	n/a	\$ 18.6	577.4
Symantec Corporation	SYMC	\$ 5,040	\$ 3,660	4.7	3.4	\$ 1,380	\$ 1,070	\$0.18	196.7	\$ 35.4	142.2
Tibco Software, Inc.	TIBX	\$ 1,740	\$ 1,067	5.6	3.4	\$ 673	\$ 311	-\$0.05	n/a	\$ 8.4	207.7
Documentum	DCTM	\$ 764	\$ 666	4.0	3.5	\$ 98	\$ 191	-\$0.66	n/a	\$ 19.4	39.3
Cognos	COGN	\$ 2,030	\$ 1,716	4.1	3.5	\$ 315	\$ 491	\$0.39	59.1	\$ 23.1	88.0
Liberate Technologies	LBRT	\$ 544	\$ 311	6.1	3.5	\$ 233	\$ 89	-\$3.19	n/a	\$ 5.1	106.8
Macromedia, Inc.	MACR	\$ 1,320	\$ 1,158	4.1	3.6	\$ 162	\$ 325	-\$5.26	n/a	\$ 22.4	59.1
ANSYS	ANSS	\$ 375	\$ 325	4.3	3.7	\$ 50	\$ 88	\$0.98	26.0	\$ 25.5	14.7
Fiserv Inc	FISV	\$ 8,500	\$ 8,361	4.3	4.2	\$ 139	\$ 1,990	\$1.16	38.3	\$ 44.5	191.2
RealNetworks, Inc.	RNWK	\$ 1,120	\$ 783	6.0	4.2	\$ 337	\$ 186	-\$0.31	n/a	\$ 7.0	159.0
Business Objects Ads	BOBJ	\$ 2,080	\$ 1,811	4.9	4.3	\$ 270	\$ 425	\$0.70	48.1	\$ 33.7	61.7
Overture	OVER	\$ 1,970	\$ 1,784	5.2	4.7	\$ 186	\$ 379	\$0.93	36.8	\$ 34.2	57.7
Precise Software	PRSE	\$ 374	\$ 293	6.1	4.8	\$ 81	\$ 61	\$0.05	262.8	\$ 13.1	28.5
Oracle Corporation	ORCL	\$ 55,100	\$ 49,490	5.5	4.9	\$ 5,610	\$ 10,100	\$0.42	23.9	\$ 10.0	5490.0
Siebel Systems	SEBL	\$ 11,400	\$ 9,510	5.9	4.9	\$ 1,890	\$ 1,930	\$0.46	52.6	\$ 24.2	470.8
Intuit, Inc.	INTU	\$ 8,330	\$ 6,790	6.1	5.0	\$ 1,540	\$ 1,370	-\$0.25	n/a	\$ 39.2	212.7
Embarcadero Technologies	EMBT	\$ 299	\$ 260	6.0	5.2	\$ 39	\$ 50	-\$0.07	n/a	\$ 11.0	27.2
Micron Technology	MU	\$ 14,300	\$ 12,820	6.0	5.4	\$ 1,480	\$ 2,370	-\$1.96	n/a	\$ 23.7	601.5
Cisco	CSCO	\$ 107,300	\$ 99,750	5.9	5.5	\$ 7,550	\$ 18,300	-\$0.32	n/a	\$ 14.7	7320.0
Rambus Inc	RMBS	\$ 670	\$ 571	6.7	5.7	\$ 99	\$ 100	\$0.23	29.0	\$ 6.7	100.3
SAP AG	SAP	\$ 41,100	\$ 40,090	6.1	6.0	\$ 1,010	\$ 6,730	\$0.39	83.6	\$ 32.6	1260.0
Red Hat, Inc.	RHAT	\$ 777	\$ 490	9.8	6.2	\$ 287	\$ 79	-\$0.70	n/a	\$ 4.6	169.2

## 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.)
Veritas Software Corp.	VRTS	\$ 11,500	\$ 9,590	7.8	6.5	\$ 1,910	\$ 1,480	-\$1.13	n/a	\$ 28.3	406.7
CheckPoint Software	CHKP	\$ 4,410	\$ 3,300	9.1	6.8	\$ 1,110	\$ 487	\$1.16	15.6	\$ 18.2	242.8
Intel Corp	INTC	\$ 191,800	\$ 181,000	7.2	6.8	\$ 10,800	\$ 26,600	\$0.25	114.4	\$ 28.6	6700.0
Mercury Interactive Corp.	MERQ	\$ 3,110	\$ 2,682	8.6	7.4	\$ 428	\$ 361	\$0.15	248.5	\$ 37.3	83.5
Adobe	ADBE	\$ 9,580	\$ 8,959	8.2	7.7	\$ 621	\$ 1,170	\$0.75	53.3	\$ 40.0	239.8
Pmc-sierra Inc	PMCS	\$ 2,590	\$ 2,182	10.2	8.6	\$ 408	\$ 254	-\$3.50	n/a	\$ 15.6	166.2
Microsoft Corp	MSFT	\$ 283,000	\$ 244,300	10.2	8.8	\$ 38,700	\$ 27,700	\$1.15	45.4	\$ 52.3	5420.0
PayPal	PYPL	\$ 1,570	\$ 1,402	11.2	10.0	\$ 168	\$ 140	-\$1.65	n/a	\$ 26.2	59.8
Yahoo!	YHOO	\$ 8,780	\$ 7,450	12.0	10.2	\$ 1,330	\$ 730	-\$0.12	n/a	\$ 14.8	595.0
Infosys Technologies Ltd.	INFY	\$ 8,210	\$ 8,000	15.1	14.7	\$ 211	\$ 545	\$1.25	49.6	\$ 62.1	132.4
EBay	EBAY	\$ 14,800	\$ 14,070	17.6	16.8	\$ 730	\$ 840	\$0.42	126.4	\$ 53.1	279.5