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Powerful connections
Deloitte's 2012
Technology Fast 500™

Annual Ranking of the fastest growing technology
based companies in North America

About Deloitte's Technology Fast 500™

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The Deloitte Technology Fast 500 is the pre-eminent technology awards program in North America (U.S. and Canada) with 2012 being its eighteenth anniversary. Combining technological innovation, entrepreneurship and rapid growth, Fast 500 companies – large, small, public, and private – span a variety of industry sectors, and are leaders in hardware, software, telecom, semiconductors, life sciences and emerging areas, such as clean technology. These companies are on the cutting edge and are transforming the way we do business today.

Selection and Qualifying Criteria

Technology Fast 500 provides a ranking of the fastest growing technology, media, telecommunications, life sciences and clean technology companies – both public and private - in North America (U.S. and Canada). Technology Fast 500 award winners for 2012 are selected based on percentage fiscal year revenue growth during the period from 2007 to 2011.

In order to be eligible for Technology Fast 500 recognition, companies must own proprietary intellectual property or technology that is sold to customers in products that contribute to a majority of the company's operating revenues. Companies must have base-year (2007) operating revenues of at least \$50,000 USD or CD, and current-year (2011) operating revenues of at least \$5 million USD or CD. Additionally, companies must be in business for a minimum of five years, and be headquartered within North America.

This ranking is compiled from nominations submitted directly to the Technology Fast 500 Web site, and public company database research conducted by Deloitte LLP.

To download a copy of 2012 ranking go to www.Fast500.com.

The Top 10

Rank	Company Name	Primary Industry	% Growth	City	St./ Prov.	CEO Name
1	Tesla Motors	Clean technology	279684%	Palo Alto	CA	Elon Musk
2	Palo Alto Networks	Communications/networking	166938%	Santa Clara	CA	Mark McLaughlin
3	Sagent Pharmaceuticals, Inc.	Biotechnology/pharmaceutical	146443%	Schaumburg	IL	Jeffrey Yordon
4	FireEye, Inc.	Communications/networking	55413%	Milpitas	CA	Ashar Aziz
5	Aerohive Networks, Inc.	Communications/networking	44569%	Sunnyvale	CA	David Flynn
6	Avail-TVN	Media and entertainment	38479%	Reston	VA	Ramu Potarazu
7	NeoStem	Biotechnology/pharmaceutical	31721%	New York	NY	Robin L. Smith, M.D., MBA
8	Avigilon Corporation	Software	29917%	Vancouver	BC	Alexander Fernandes
9	Recondo Technology	Software	25482%	Greenwood Village	CO	Rick Adam
10	EcoSynthetix Inc.	Clean technology	25327%	Burlington	ON	John Van Leeuwen

Facts and Figures

Technology Fast 500™ Facts and Figures

- Software sector leads all industry categories with 200 companies
- Five year percentage growth ranges from 128% to 279,684%
- 19 companies have 10,000% growth or higher
- 6 of the top 10 winners are public companies
- 52% of the winners are private companies and 48% are public companies
- 65% of the winners have received venture capital funding in their company's history

Technology Fast 500™ Companies Average Percentage Growth Rate

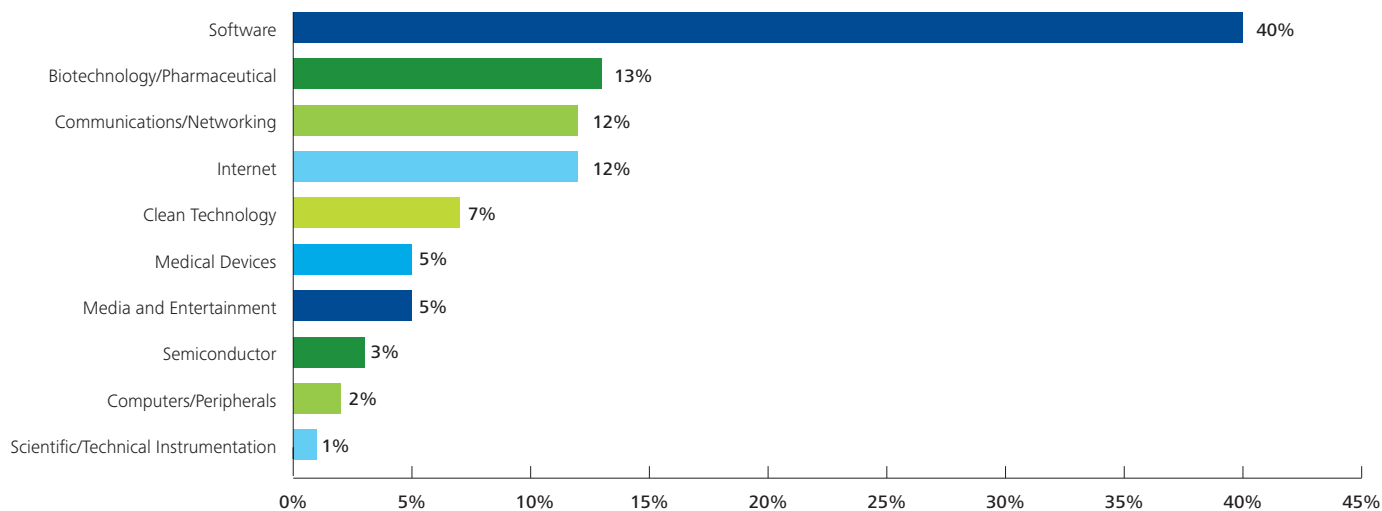


Technology Fast 500™ Companies Average Percentage Growth, by industry

Industry	2005	2006	2007	2008	2009	2010	2011	2012
Biotechnology/Pharmaceutical	1420%	1674%	1642%	4751%	4549%	4485%	1914%	3734%
Clean Technology	**	**	**	**	2777%	1615%	3212%	11032%
Communications/Networking	2242%	3778%	1954%	4484%	3289%	4420%	328%	5025%
Computers/Peripherals	877%	1078%	1316%	3908%	2557%	2811%	1631%	280%
Internet	3983%	2299%	1562%	1326%	4026%	911%	1313%	1935%
Media/Entertainment	**	675%	9021%	3915%	3278%	458%	2572%	4369%
Medical Devices	3129%	1553%	1307%	1779%	2321%	703%	299%	931%
Scientific/Technical Instrumentation	1173%	3642%	1019%	1491%	1750%	9769%	1009%	232%
Semiconductor	4302%	2399%	2289%	1457%	3686%	589%	1583%	838%
Software	2400%	1834%	1741%	2820%	975%	1009%	1849%	982%
Grand Total	2408%	2149%	1823%	3043%	2486%	2355%	1736%	2774%

** Category was not available.

2012 Technology Fast 500™ Companies by Industry Segment



2012 Technology Fast 500™ Companies by Region



Region	2006	2007	2008	2009	2010	2011	2012
Canada	11%	8%	9%	10%	10%	15%	12%
Midwest	6	8	6	5	7	6	6
Northeast	28	30	21	28	27	24	26
Southeast	18	16	16	15	16	13	13
Southwest	9	8	9	8	8	6	4
West	28	29	39	34	32	37	39

The List

The following listing has been sorted by industry and rank. To view the list by overall ranking, visit www.Fast500.com. Ranking based on a tenth of a percentage point.

Primary Industry: Communications/Networking

Rank	Company Name	% Growth	City	St./ Prov.	CEO Name
2	Palo Alto Networks	166938%	Santa Clara	CA	Mark McLaughlin
4	FireEye, Inc.	55413%	Milpitas	CA	Ashar Aziz
5	Aerohive Networks, Inc.	44569%	Sunnyvale	CA	David Flynn
37	A10 Networks	3985%	San Jose	CA	Lee Chen
50	Accedian Networks	2743%	Saint-Laurent	QC	Patrick Ostiguy
52	Star2Star	2681%	Sarasota	FL	Norman Worthington
53	MicroTech	2669%	Vienna	VA	Tony Jimenez
56	CFN Services	2600%	Herndon	VA	Mark Casey
70	Ubiquiti Networks, Inc.	1999%	San Jose	CA	Robert J. Pera
74	Azaleos	1865%	Seattle	WA	Phil Van Etten
81	Solace Systems	1512%	Kanata	ON	Craig Betts
113	Vocalocity	1044%	Atlanta	GA	Wain Kellum
131	Kotura, Inc.	848%	Monterey Park	CA	Jean-Louis Malinge
133	Transcend United Technologies	787%	Wayne	PA	Rick Hirsh
137	GENBAND	742%	Frisco	TX	Charlie Vogt
162	Procera Networks	565%	Fremont	CA	James F. Brear
168	Research In Motion Limited	555%	Waterloo	ON	Thorsten Heins
191	Meru Networks, Inc.	467%	Sunnyvale	CA	Bami Bastani, Ph.D.
202	IntelePeer	427%	San Mateo	CA	Frank Fawzi
211	Tangoe, Inc.	399%	Orange	CT	Albert Subbloie
217	Haivision Network Video	387%	Montreal	QC	Miroslav Wicha
232	Franklin Wireless Corp.	348%	San Diego	CA	OC Kim
236	In Motion Technology Inc.	341%	New Westminster	BC	Leonard Hordyk
242	BTI Systems	334%	Kanata	ON	Steven Waszak
257	Tantalus Systems Corp.	312%	Burnaby	BC	Eric Murray
258	IneoQuest Technologies, Inc.	310%	Mansfield	MA	Calvin Harrison*
259	FiberLight, LLC	310%	Alpharetta	GA	Kevin B. Coyne
264	Kratos Defense & Security Solutions, Inc.	300%	San Diego	CA	Eric DeMarco
271	Equinix, Inc.	283%	Redwood City	CA	Stephen M. Smith
295	Impact Mobile	260%	Toronto	ON	Gary Schwartz
297	Optoplex Corporation	257%	Fremont	CA	Jim Sha
302	Optelian	251%	Ottawa	ON	David Weymouth
318	Telx	239%	New York	NY	Eric Shepcaro
333	KUBRA	227%	Mississauga	ON	Rick Watkin
335	Sirius XM Radio Inc.	227%	New York	NY	Mel Karmazin

Primary Industry: Communications/Networking (cont.)

Rank	Company Name	% Growth	City	St./ Prov.	CEO Name
358	Inteliquent	214%	Chicago	IL	G. Edward Evans
360	Aruba Networks, Inc.	211%	Sunnyvale	CA	Dominic Orr, Ph.D.
361	Anexinet	210%	Blue Bell	PA	John Connolly
363	SA Photonics	209%	Los Gatos	CA	Jim Coward
365	Riverbed Technology	207%	San Francisco	CA	Jerry Kennelly
378	Vigilant	196%	Jersey City	NJ	Alison Andrews
380	TeleCommunication Systems, Inc.	195%	Annapolis	MD	Maurice B. Tosé
396	Contact Solutions	189%	Reston	VA	Paul Logan
402	NetScout Systems, Inc.	184%	Westford	MA	Anil Singhal
406	Welocalize	181%	Frederick	MD	Smith Yewell
409	VerticalResponse Inc.	179%	San Francisco	CA	Janine Popick
410	Ceryx	179%	Toronto	ON	Gus Harsfai
411	Fortinet, Inc.	179%	Sunnyvale	CA	Ken Xie
420	Blue Coat Systems, Inc.	174%	Sunnyvale	CA	Greg Clark
427	Acme Packet, Inc.	172%	Bedford	MA	Andy Ory
429	SecureAlert, Inc.	172%	Sandy	UT	John Hastings
434	LRAD Corporation	168%	San Diego	CA	Thomas R. Brown
460	Finisar Corporation	149%	Sunnyvale	CA	Eitan Gertel
470	Technical Communications Corporation	146%	Concord	MA	Carl H. Guild, Jr.
475	SkyWave Mobile Communications Inc.	144%	Ottawa	ON	Pui-Ling Chan
476	Cellular Specialties, Inc.	143%	Manchester	NH	R. Bruce Wilson
478	ORBCOMM Inc.	141%	Fort Lee	NJ	Marc J. Eisenberg
483	NeoPhotonics Corporation	138%	San Jose	CA	Timothy S. Jenks
494	Vocera	131%	San Jose	CA	Robert J. Zollars
498	I.D. Systems, Inc.	130%	Woodcliff Lake	NJ	Jeffrey M. Jagid
499	Boingo Wireless, Inc.	129%	Los Angeles	CA	David Hagan

Primary Industry: Computers/Peripherals

Rank	Company Name	% Growth	City	St./ Prov.	CEO Name
183	Layer 7 Technologies	500%	Vancouver	BC	Paul Rochester
198	Universal Display Corporation	442%	Ewing	NJ	Steven V. Abramson
299	Epiphan Systems Inc.	256%	Ottawa	ON	Mike Sandler
321	Identive Group Inc.	237%	Santa Ana	CA	Ayman S. Ashour
331	Jorge	229%	Arlington	VA	Chris Torti
332	Concept Solutions, LLC	229%	Reston	VA	Phong Mai
389	WidePoint Corporation	193%	Oakbrook Terrace	IL	Steve Komar
456	IPG Photonics Corporation	151%	Oxford	MA	Valentin P. Gapontsev

Primary Industry: Media/Entertainment

Rank	Company Name	% Growth	City	St./Prov.	CEO Name
6	Avail-TVN	38479%	Reston	VA	Ramu Potarazu
11	CUI Global, Inc.	24661%	Tualatin	OR	William J. Clough
19	Mobifusion Inc.	9758%	Fremont	CA	Pavan Mandhani
25	Millennial Media, Inc.	6798%	Baltimore	MD	Paul Palmieri
44	Pandora Media, Inc.	3200%	Oakland	CA	Joe Kennedy
62	Facebook Inc.	2325%	Menlo Park	CA	Mark Zuckerberg
68	Yelp! Inc.	2124%	San Francisco	CA	Jeremy Stoppelman
82	LinkedIn Corporation	1507%	Mountain View	CA	Jeff Weiner
85	RealD Inc.	1449%	Beverly Hills	CA	Michael V. Lewis
100	Roku Inc.	1173%	Saratoga	CA	Anthony Wood
112	SAY Media, Inc.	1060%	San Francisco	CA	Matt Sanchez
152	Coinstar, Inc.	607%	Bellevue	WA	Paul Davis
164	Healthcare Data Solutions	560%	Irvine	CA	Tim Slevin
218	Blue Microphones	387%	Westlake Village	CA	John Maier
224	Rovi Corporation	377%	Santa Clara	CA	Tom Carson
233	TRAFFIQ	345%	New York	NY	Lori Goldberg
270	Cie Games	287%	Long Beach	CA	Dennis Suggs
306	Hughes Telematics, Inc.	250%	Atlanta	GA	Jeff Leddy
355	Cyberplex Inc.	215%	Toronto	ON	Geoffrey Rotstein
362	The Orchard	209%	New York	NY	Brad Navin
382	M2 Media Group	194%	Stamford	CT	Michael Borchetta
472	Majesco Entertainment Company	146%	Edison	NJ	Jesse Sutton

Primary Industry: Internet

Rank	Company Name	% Growth	City	St./Prov.	CEO Name
13	EdgeCast Networks	21406%	Santa Monica	CA	Alex Kazerani
16	Kabam, Inc.	12684%	San Carlos	CA	Kevin Chou
20	PubMatic	9717%	Redwood City	CA	Rajeev Goel
22	Phone Power	7642%	Winnetka	CA	Ari Ramezani
26	FastSpring	6742%	Santa Barbara	CA	Dan Engel
28	Spongecell	6325%	New York	NY	Ben Kartzman
32	MeetMe, Inc.	5300%	New Hope	PA	John Abbott
34	Payoneer	4751%	New York	NY	Scott Galit
36	SNAP Interactive, Inc.	4412%	New York	NY	Clifford Lerner
46	Local Splash	3034%	Santa Ana	CA	Steve Yeich
48	Yodle	2897%	New York	NY	Court Cunningham
49	Health Plan One	2838%	Shelton	CT	Bill Stapleton
63	Box	2321%	Los Altos	CA	Aaron Levie
65	Pearl.com	2275%	San Francisco	CA	Andy Kurtzig
66	Trulia, Inc.	2200%	San Francisco	CA	Pete Flint
73	oDesk	1910%	Redwood City	CA	Gary Swart
77	PayLease LLC	1659%	San Diego	CA	Dave Dutch
83	DataSphere Technologies, Inc	1469%	Bellevue	WA	Satbir Khanuja

Primary Industry: Internet (cont.)

Rank	Company Name	% Growth	City	St./Prov.	CEO Name
87	SoftLayer Technologies	1436%	Dallas	TX	Lance Crosby
97	Indeed	1210%	Stamford	CT	Paul Forster
98	QuoteWizard	1207%	Seattle	WA	Scott Peyree
99	TrueCar, Inc.	1193%	Santa Monica	CA	Scott Painter
101	InstaMed	1162%	Philadelphia	PA	Bill Marvin
107	YouSendIt, Inc.	1087%	Campbell	CA	Brad Garlinghouse
109	SherWeb	1076%	Sherbrooke	QC	Peter Cassar
110	LeadQual LLC	1072%	Emeryville	CA	Andrew Coleman
116	Network Solutions Provider	1001%	Long Beach	CA	Phillip Walker
130	Usablenet	861%	New York	NY	Nick Taylor
136	Collective	753%	New York	NY	Joe Apprendi
149	Dealer.com	632%	Burlington	VT	Mark Bonfigli
155	FriendFinder Networks Inc.	589%	Boca Raton	FL	Anthony Previte
157	Stroll	572%	Philadelphia	PA	Dan Roitman
158	Tagged	571%	San Francisco	CA	Greg Tseng
160	DigiCert, Inc.	568%	Lindon	UT	Nicholas Hales
167	One Technologies, LP	557%	Dallas	TX	Mark Henry
174	AcademixDirect	536%	Mountain View	CA	Karen Francis
187	SecondMarket Holdings, Inc.	481%	New York	NY	Barry Silbert
195	ReachLocal, Inc.	449%	Woodland Hills	CA	Zorik Gordon
208	Healthline Networks, Inc.	405%	San Francisco	CA	West Shell III
227	net2EZ	371%	Century City	CA	Pervez Delawalla
247	HomeAway, Inc.	327%	Austin	TX	Brian Sharples
254	Covario	321%	San Diego	CA	Russ Mann
279	SPEED FC	274%	Dallas	TX	Jeff Zisk
284	Local Corporation	266%	Irvine	CA	Heath Clarke
316	OpenTable, Inc.	239%	San Francisco	CA	Matthew Roberts
327	athenahealth, Inc.	232%	Watertown	MA	Jonathan Bush
330	(mt) Media Temple	230%	Culver City	CA	Demian Sellfors
337	Snagajob.com, Inc.	226%	Glen Allen	VA	Shawn Boyer
346	MyLife.com	219%	Los Angeles	CA	Jeffrey Tinsley
375	MotionPoint Corporation	198%	Coconut Creek	FL	Will Fleming
403	RKG Rimm-Kaufman Group	183%	Charlottesville	VA	George Michie
407	ProSites	181%	Temecula	CA	Lance McCollough
436	comScore, Inc.	167%	Reston	VA	Magid M. Abraham, Ph.D.
445	Demand Media, Inc.	157%	Santa Monica	CA	Richard Rosenblatt
448	LivePerson	155%	New York	NY	Robert LoCascio
452	Shutterfly, Inc.	153%	Redwood City	CA	Jeffrey Housenbold
462	Web.com	149%	Jacksonville	FL	David L. Brown
463	Klick Health	149%	Toronto	ON	Lee Segal
468	Merchant Warehouse	147%	Boston	MA	Henry Helgeson
479	Ancestry.com Inc.	140%	Provo	UT	Tim Sullivan
485	Bridgeline Digital	136%	Burlington	MA	Thomas Massie
490	TicketNetwork	133%	South Windsor	CT	Doug Kruse/Jeff Scheman
500	Google Inc.	128%	Mountain View	CA	Larry Page

Primary Industry: Semiconductor

Rank	Company Name	% Growth	City	St./Prov.	CEO Name
38	SiTime Corporation	3853%	Sunnyvale	CA	Rajesh Vashist
40	InvenSense, Inc.	3759%	Sunnyvale	CA	Behrooz Abdi
118	eASIC Corporation	980%	Santa Clara	CA	Ronnie Vasishta
125	GigOptix, Inc.	916%	San Jose	CA	Avi Katz, Ph.D.
138	5N Plus Inc.	717%	Saint-Laurent	QC	Jacques L'Écuyer
147	MaxLinear Inc.	642%	Carlsbad	CA	Kishore Seendripu, Ph.D.
190	Satcon Technology Corporation	471%	Boston	MA	Steve Rhoades
201	API Technologies Corp.	427%	Orlando	FL	Bel Lazar
223	Cavium, Inc.	378%	San Jose	CA	Syed Ali
340	ViXS Systems Inc.	224%	Toronto	ON	Sally Daub
356	Sigma Designs, Inc.	215%	Milpitas	CA	Thinh Q. Tran
364	Mellanox Technologies, Inc.	208%	Sunnyvale	CA	Eyal Waldman
424	Oclaro, Inc.	173%	San Jose	CA	Alain Couder
432	MEMSIC, Inc.	170%	Andover	MA	Yang Zhao
492	ECI Technology	132%	Totowa	NJ	Marianna Rabinovitch

Primary Industry: Software

Rank	Company Name	% Growth	City	St./Prov.	CEO Name
8	Avigilon Corporation	29917%	Vancouver	BC	Alexander Fernandes
9	Recondo Technology	25482%	Greenwood Village	CO	Rick Adam
17	HubSpot	10968%	Cambridge	MA	Brian Halligan
21	Real Matters	8961%	Markham	ON	Jason Smith
23	TeleSign Corporation	7534%	Marina del Rey	CA	Steve Jillings
24	Turn	7478%	Redwood City	CA	Bill Demas
31	kCura	5775%	Chicago	IL	Andrew Sieja
33	ServiceNow	4873%	San Diego	CA	Frank Sloopman
39	VIZIYA Corp.	3816%	Hamilton	ON	John Vujicic
45	NexJ Systems Inc.	3153%	Toronto	ON	William Tatham
51	Carbonite Inc.	2709%	Boston	MA	David Friend
55	Zenoss, Inc.	2648%	Annapolis	MD	Bill Karpovich
59	Dominion Voting Systems Corporation	2430%	Toronto	ON	John Poulos
67	VisualOn Inc.	2171%	Santa Clara	CA	Yang Cai, Ph.D.
69	Bazaarvoice, Inc.	2084%	Austin	TX	Brett Hurt
71	Acquisio Inc.	1996%	Brossard	QC	Martin LeSauter
75	SevOne, Inc.	1808%	Wilmington	DE	Michael Phelan
76	Clevert Solutions	1674%	Richmond	BC	Thomas Ligocki
79	Revionics Inc.	1584%	Roseville	CA	Marc Hafner
84	AlienVault, Inc.	1453%	San Mateo	CA	Barmak Meftah
86	KIT digital, Inc.	1443%	New York	NY	Peter Heiland
88	Jasper Wireless, Inc.	1418%	Mountain View	CA	Jahangir Mohammed
94	Contact At Once! LLC	1298%	Alpharetta	GA	John Hanger
102	Archer	1131%	Seattle	WA	Matt Harris

Primary Industry: Software (cont.)

Rank	Company Name	% Growth	City	St./Prov.	CEO Name
104	Adaptive Planning	1099%	Mountain View	CA	John Herr
105	G5	1096%	Bend	OR	Dan Hobin
106	AvePoint	1095%	Jersey City	NJ	Tianyi Jiang, Ph.D.
108	SEOMoz	1080%	Seattle	WA	Rand Fishkin
111	Property Solutions International, Inc.	1064%	Provo	UT	Dave Bateman
115	Coupa Software	1006%	San Mateo	CA	Rob Bernshteyn
119	BlackLine Systems	973%	Los Angeles	CA	Therese Tucker
120	Electronic Payments, Inc.	966%	Calverton	NY	Michael Nardy
121	Diligent Board Member Services, Inc.	941%	New York	NY	Alex Sodi
122	Tableau Software	936%	Seattle	WA	Christian Chabot
126	Intronis, Inc.	893%	Chelmsford	MA	Kent Plunkett
127	Jive Software	878%	Palo Alto	CA	Tony Zingale
132	Zillow, Inc.	830%	Seattle	WA	Spencer Rascoff
135	SkillSurvey, Inc.	755%	Wayne	PA	Ray Bixler
139	Telogis, Inc.	704%	Aliso Viejo	CA	Dave Cozzens
140	InsPro Technologies	694%	Eddystone	PA	Bob Oakes
141	Securefact	694%	Toronto	ON	Gabor Horvath
142	MModal IP LLC	669%	Franklin	TN	Roger L. (Vern) Davenport
144	Telenav	659%	Sunnyvale	CA	HP Jin, Ph.D.
146	Brightcove, Inc.	645%	Boston	MA	Jeremy Allaire
154	Demandware, Inc.	590%	Burlington	MA	Thomas Ebling
156	Cornerstone OnDemand, Inc.	588%	Santa Monica	CA	Adam Miller
159	VidSys	568%	Vienna	VA	Michael P. Jackson
161	Xtime	567%	Redwood Shores	CA	Neal East
163	Recommind	563%	San Francisco	CA	Bob Tennant
166	Ping Identity	558%	Denver	CO	Andre Durand
169	Location Labs	555%	Emeryville	CA	Tasso Roumeliotis
170	Retail Solutions, Inc.	553%	Mountain View	CA	Jon Golovin
171	Tenable Network Security, Inc.	552%	Columbia	MD	Ron Gula
172	LeisureLink, Inc.	547%	Pasadena	CA	Tom Lamb
173	NetShelter Technology Media	539%	San Francisco	CA	Peyman Nilforoush
175	Higher One	530%	New Haven	CT	Mark Volchek
178	Motionsoft	518%	Rockville	MD	Al Noshirvani
179	SproutLoud	515%	Sunrise	FL	Jared Shusterman
182	Knotice	503%	Akron	OH	Brian Deagan
184	iBwave Solutions Inc.	496%	Saint-Laurent	QC	Mario Bouchard
186	Kyriba Corporation	482%	La Jolla	CA	Jean-Luc Robert
188	Wave Systems Corp.	473%	Lee	MA	Steven K. Sprague
189	MINDBODY	471%	San Luis Obispo	CA	Rick Stollmeyer
192	Geotab Inc.	464%	Oakville	ON	Neil Cawse
193	CarProof	464%	London	ON	Paul Antony
194	NewsGator	455%	Denver	CO	Daniel Kraft
197	Global Relay	442%	Vancouver	BC	Warren Roy
200	Smarsh	436%	Portland	OR	Stephen Marsh
203	iPipeline	426%	Exton	PA	Tim Wallace

Primary Industry: Software (cont.)

Rank	Company Name	% Growth	City	St./Prov.	CEO Name
205	Edifecs	410%	Bellevue	WA	Sunny Singh
206	Alert Logic	410%	Houston	TX	Gray Hall
207	Primatics	409%	McLean	VA	Peter J. Fitzsimmons
209	Kayak Software	401%	Norwalk	CT	Steve Hafner
210	Liaison Technologies	399%	Atlanta	GA	Bob Renner
213	Averna	392%	Montreal	QC	Pascal Pilon
214	Apprio	392%	Washington	DC	Darryl Britt
216	LLamasoft, Inc.	389%	Ann Arbor	MI	Donald Hicks
219	Billtrust	385%	Hamilton	NJ	Flint Lane
220	Achievers	383%	Toronto	ON	Razor Suleman
221	OverDrive	382%	Cleveland	OH	Steve Potash
222	HiSoftware Inc.	382%	Nashua	NH	Kurt A. Mueffelmann
225	Bronto Software	374%	Durham	NC	Joe Colopy
226	Winshuttle	373%	Bothell	WA	Lewis Carpenter
228	EnerNOC, Inc.	371%	Boston	MA	Tim Healy
229	Centrify Corporation	362%	Sunnyvale	CA	Tom Kemp
230	GuestLogix Inc.	362%	Toronto	ON	Brett Proud
231	Verafin	358%	St. John's	NL	Jamie King
234	LogMeIn, Inc.	342%	Woburn	MA	Michael Simon
235	Imperva Inc.	342%	Redwood Shores	CA	Shlomo Kramer
237	Nik Software, Inc.	341%	San Diego	CA	Michael Slater
243	Education Management Solutions, Inc.	333%	Exton	PA	Anurag Singh
244	ExactTarget	332%	Indianapolis	IN	Scott Dorsey
246	QuickPlay Media	327%	Toronto	ON	Wayne Purboo
248	Complete Innovations	325%	Markham	ON	Tony Lourakis
249	Constant Contact Inc.	325%	Waltham	MA	Gail Goodman
251	Knowledge Marketing	323%	Plymouth	MN	Duane Crandall
252	Vision Critical	323%	Vancouver	BC	Andrew Reid
255	Bluebeam Software	320%	Pasadena	CA	Richard Lee
256	RealPage, Inc.	312%	Carrollton	TX	Steve Winn
261	Etransmedia Technology, Inc.	306%	Troy	NY	Vik Agrawal
262	Berkeley Design Automation	302%	Santa Clara	CA	Ravi Subramanian, Ph.D.
263	Guidewire Software, Inc.	302%	Foster City	CA	Marcus Ryu
265	Shopatron, Inc.	299%	San Luis Obispo	CA	Ed Stevens
266	Qlik Technologies, Inc.	298%	Radnor	PA	Lars Björk
267	Ebix, Inc.	294%	Atlanta	GA	Robin Raina
273	Accellion, Inc.	280%	Palo Alto	CA	Yorgen Edholm
274	Affinnova, Inc.	279%	Waltham	MA	Waleed Al-Atraqchi
276	Five9, Inc.	277%	San Ramon	CA	Mike Burkland
280	K12 Inc.	272%	Herndon	VA	Ron Packard
281	GEOTrac International Inc.	271%	Calgary	AB	Timothy Hodge
282	GPS Insight	268%	Scottsdale	AZ	Robert Donat
283	Solium Capital	267%	Calgary	AB	Mike Broadfoot
286	OmniComm Systems, Inc.	265%	Ft. Lauderdale	FL	Cornelis F. Wit
287	ZeOmega	264%	Frisco	TX	Sam Rangaswamy

Primary Industry: Software (cont.)

Rank	Company Name	% Growth	City	St./Prov.	CEO Name
291	Infusionsoft	262%	Gilbert	AZ	Clate Mask
293	ACD	261%	Carlsbad	CA	Ernie Bray
296	Responsys, Inc.	259%	San Bruno	CA	Dan Springer
300	Intellicheck Mobilisa, Inc.	255%	Port Townsend	WA	Steve Williams
301	Activision Blizzard, Incorporated	252%	Santa Monica	CA	Robert A. Kotick
303	Forte Research Systems, Inc.	251%	Madison	WI	Srini Kalluri
304	Numerix	251%	New York	NY	Steven O'Hanlon
307	Ergoresearch LTD	248%	Laval	QC	Sylvain Boucher
308	XIFIN, Inc.	247%	San Diego	CA	Lale White
310	EASi	244%	Pleasanton	CA	Carine Schneider
311	PointClickCare	241%	Mississauga	ON	Mike Wessinger
312	Eloqua, Inc.	241%	Vienna	VA	Joesph Payne
313	Reval	240%	New York	NY	Jiro Okochi
314	Lattice Engines	240%	San Mateo	CA	Shashi Upadhyay, Ph.D.
315	Vantrix	239%	Montreal	QC	Jim Knapik
317	Confio Software	239%	Boulder	CO	Matt Larson
319	IGNIFY	239%	Long Beach	CA	Sandeep Walia
320	Absolute Software	238%	Vancouver	BC	John Livingston
322	Evolution1	237%	Fargo	ND	Jeff Young
323	LDISCOVERY, LLC	236%	McLean	VA	Chris Weiler
324	QuantiSense	234%	Atlanta	GA	Jeff Buck
325	Salesforce.com, inc.	233%	San Francisco	CA	Marc Benioff
326	Vital Insights	232%	Mississauga	ON	Jason Tryon
328	ACTIVE Network	231%	San Diego	CA	Matt Landa
329	Triple Point Technology	231%	Westport	CT	Peter Armstrong
336	InteleX Technologies Inc.	227%	Toronto	ON	Mark Jaine
339	Coverity	225%	San Francisco	CA	Anthony Bettencourt
343	SolarWinds Inc.	221%	Austin	TX	Kevin B. Thompson
347	InsideSales.com	219%	Provo	UT	David Elkington
348	Boréal	219%	Magog	QC	Jules Paquette
349	Constellation Software Inc.	218%	Toronto	ON	Mark Leonard
350	Cvent	218%	McLean	VA	Reggie Aggarwal
352	Proofpoint, Inc.	216%	Sunnyvale	CA	Gary Steele
353	PNI Digital Media Inc.	215%	Vancouver	BC	Kyle Hall
354	RadiantBlue Technologies, Inc.	215%	Colorado Springs	CO	Larry Shand
357	Sesame Communications	214%	Seattle	WA	Diana Friedman
359	Doxim Inc.	213%	Markham	ON	Chris Rasmussen
366	MedAssets, Inc.	207%	Alpharetta	GA	John A. Bardis
367	WAM Systems	204%	Plymouth Meeting	PA	Jack Weiss
376	Sourcefire, Inc.	197%	Columbia	MD	Martin Roesch*
377	Notable Solutions Inc. (Nsi)	196%	Rockville	MD	Mehdi Tehranchi
379	HealthcareSource	196%	Woburn	MA	Peter Segall
383	Navicure	194%	Duluth	GA	Jim Denny, Jr.
385	EPAM Systems	193%	Newtown	PA	Arkadiy Dobkin
387	Lexipol	193%	Aliso Viejo	CA	Dan Merkle

Primary Industry: Software (cont.)

Rank	Company Name	% Growth	City	St./Prov.	CEO Name
388	Medidata Solutions	193%	New York	NY	Tarek Sherif
391	TEOCO	192%	Fairfax	VA	Atul Jain
395	Leads360, Inc.	189%	El Segundo	CA	Nick Hedges
398	Crawford Technologies	187%	Toronto	ON	Ernie Crawford
399	Send Word Now	186%	New York	NY	Tony Schmitz
400	AEEC, LLC	184%	Reston	VA	Raj Patil
401	VMware, Inc.	184%	Palo Alto	CA	Pat Gelsinger
404	Rackspace, Inc.	183%	San Antonio	TX	Lanham Napier
405	WealthEngine	182%	Bethesda	MD	Tony Glowacki
408	WideOrbit Inc.	180%	San Francisco	CA	Eric R. Mathewson
412	NEOGOV	177%	El Segundo	CA	Damir Davidovic
414	ScienceLogic	177%	Reston	VA	John Becker
418	Catalyst Repository Systems, Inc.	175%	Denver	CO	John Tredennick
421	Achieve3000	174%	Lakewood	NJ	Saki Dodelson
422	ServiceSource	173%	San Francisco	CA	Mike Smerklo
425	Idera	172%	Houston	TX	Rick Pleczko
426	Walz Group	172%	Temecula	CA	Mohan Tavorath
428	TIO Networks	172%	Vancouver	BC	Hamed Shahbazi
430	Concur	171%	Redmond	WA	Steve Singh
433	Prophix	170%	Mississauga	ON	Paul Barber
439	Bomgar	163%	Ridgeland	MS	Joel Bomgar
440	Greenway Medical Technologies, Inc.	162%	Carrollton	GA	Wyche T. Green, III
441	Health Advocate, Inc.	159%	Plymouth Meeting	PA	Michael J. Cardillo
444	Pegasystems Inc.	157%	Cambridge	MA	Alan Trefler
449	Kepware Technologies	155%	Portland	ME	Tony Paine
450	RevenueMed, Inc.	155%	Norcross	GA	Michael von Grey
453	Genetec Inc.	153%	Saint-Laurent	QC	Pierre Racz
454	Parature	153%	Herndon	VA	Ching-Ho Fung
458	PrimeRevenue, Inc.	150%	Atlanta	GA	PJ Bain
459	USA Technologies, Inc.	150%	Malvern	PA	Stephen Herbert
464	Bullhorn	149%	Boston	MA	Art Papas
467	Outsell	147%	Minneapolis	MN	Mike Wethington
471	Symbility Solutions	146%	Toronto	ON	James Swayze
474	Acclaris, Inc.	145%	Tampa	FL	Bob Lopes
481	iCIMS, Inc.	140%	Matawan	NJ	Colin Day
484	Medical Transcription Billing, Corp.	137%	Somerset	NJ	Mahmud Haq
486	XTglobal	135%	Dallas	TX	Rama Mullapudi
489	Logos Bible Software	134%	Bellingham	WA	Robert Pritchett
495	Hyland Software	131%	Westlake	OH	AJ Hyland
496	BirdDog Solutions, Inc.	130%	Andover	MA	Joel Sitak
497	SPS Commerce	130%	Minneapolis	MN	Archie C. Black

Primary Industry: Biotechnology/Pharmaceutical

Rank	Company Name	% Growth	City	St./Prov.	CEO Name
3	Sagent Pharmaceuticals, Inc.	146443%	Schaumburg	IL	Jeffrey Yordon
7	NeoStem	31721%	New York	NY	Robin L. Smith, M.D., MBA
15	Optimer Pharmaceuticals, Inc.	18798%	San Diego	CA	Pedro Lichtinger
30	Neurocrine Biosciences, Inc.	6225%	San Diego	CA	Kevin C. Gorman, Ph.D.
35	Maesa	4639%	New York	NY	Gregory Mager
42	Trius Therapeutics	3420%	San Diego	CA	Jeffrey Stein, Ph.D.
47	Tranzyme, Inc.	2917%	Durham	NC	Vipin K. Garg, Ph.D.
60	Lpath, Inc.	2421%	San Diego	CA	Scott Pancoast
61	Spectrum Pharmaceuticals, Inc.	2415%	Henderson	NV	Rajesh C. Shrotriya, M.D.
64	AMAG Pharmaceuticals, Inc.	2300%	Lexington	MA	William K. Heiden
72	Osiris Therapeutics, Inc.	1970%	Columbia	MD	C. Randal Mills, Ph.D.
90	AVEO Pharmaceuticals, Inc.	1394%	Cambridge	MA	Tuan Ha-Ngoc
91	Halozyme Therapeutics, Inc.	1376%	San Diego	CA	Gregory I. Frost, Ph.D.
93	Ironwood Pharmaceuticals, Inc.	1329%	Cambridge	MA	Peter M. Hecht, Ph.D.
96	Momenta Pharmaceuticals, Inc.	1213%	Cambridge	MA	Craig A. Wheeler
103	Amicus Therapeutics, Inc.	1101%	Cranbury	NJ	John F. Crowley
117	Alexion Pharmaceuticals, Inc.	987%	Cheshire	CT	Leonard Bell, M.D.
124	Synta Pharmaceuticals Corp.	921%	Lexington	MA	Safi R. Bahcall, Ph.D.
129	Novavax, Inc.	871%	Rockville	MD	Stanley C. Erck
145	BioSpecifics Technologies Corp.	653%	Lynbrook	NY	Thomas L. Wegman
148	Acorda Therapeutics, Inc.	640%	Ardsley	NY	Ron Cohen, M.D.
150	ApoCell	621%	Houston	TX	Darren Davis, Ph.D.
151	Vertex Pharmaceuticals Incorporated	609%	Cambridge	MA	Jeffrey Leiden, M.D., Ph.D.
153	ARIAD Pharmaceuticals, Inc.	606%	Cambridge	MA	Harvey J. Berger, M.D.
165	Celldex Therapeutics	559%	Needham	MA	Anthony S. Marucci
181	Soligenix, Inc.	509%	Princeton	NJ	Christopher J. Schaber
185	Fluidigm Corporation	489%	South San Francisco	CA	Gajus Worthington
199	Keryx Biopharmaceuticals, Inc.	437%	New York	NY	Ron Bentsur
204	ArQule, Inc.	416%	Woburn	MA	Paolo Pucci
212	Onyx Pharmaceuticals, Inc.	395%	South San Francisco	CA	N. Anthony Coles, M.D.
238	Questcor Pharmaceuticals, Inc.	338%	Anaheim	CA	Don M. Bailey
240	Cleveland BioLabs, Inc.	335%	Buffalo	NY	Yakov Kogan, Ph.D., MBA
245	Sarepta Therapeutics	328%	Cambridge	MA	Chris Garabedian
253	Seattle Genetics, Inc.	323%	Bothell	WA	Clay B. Siegall, Ph.D.
272	Mylan Inc.	280%	Canonsburg	PA	Heather Bresch
275	Infinity Pharmaceuticals, Inc.	278%	Cambridge	MA	Adelene Q. Perkins
285	United Therapeutics Corporation	266%	Silver Spring	MD	Martine A. Rothblatt, Ph.D.
288	Peregrine Pharmaceuticals Inc.	264%	Tustin	CA	Steve W. King
289	BioMarin Pharmaceutical Inc.	263%	Novato	CA	Jean-Jacques Bienaimé
290	NxStage Medical, Inc.	262%	Lawrence	MA	Jeffrey H. Burbank
292	Cornerstone Therapeutics Inc.	261%	Cary	NC	Craig A. Collard
294	SciClone Pharmaceuticals, Inc.	261%	Foster City	CA	Friedhelm Blobel, Ph.D.
298	Regeneron Pharmaceuticals, Inc.	257%	Tarrytown	NY	Leonard S. Schleifer, M.D., Ph.D.
309	Celgene Corporation	244%	Summit	NJ	Robert J. Hugin
334	diaDexus, Inc.	227%	South San Francisco	CA	Brian E. Ward, Ph.D.

Primary Industry: Biotechnology/Pharmaceutical (cont.)

Rank	Company Name	% Growth	City	St./Prov.	CEO Name
341	Hi-Tech Pharmacal Co. Inc.	224%	Amityville	NY	David S. Seltzer
342	Genomic Health	222%	Redwood City	CA	Kim Popovits
345	Acura Pharmaceuticals, Inc.	220%	Palatine	IL	Robert B. Jones
351	Athersys Inc.	217%	Cleveland	OH	Gil Van Bokkelen, Ph.D.
368	Warner Chilcott PLC	203%	Rockaway	NJ	Roger M. Boissonneault
373	Cerus Corporation	199%	Concord	CA	William 'Obi' M. Greenman
381	Life Technologies Corporation	195%	Carlsbad	CA	Gregory T. Lucier
384	Epitomics Inc.	194%	Burlingame	CA	Guo-Liang Yu, Ph.D.
392	Valeant Pharmaceuticals International, Inc.	192%	Montreal	QC	J. Michael Pearson
393	Astex Pharmaceuticals, Inc.	192%	Dublin	CA	James S.J. Manuso, Ph.D.
394	Response Genetics, Inc.	191%	Los Angeles	CA	Thomas A. Bologna
416	Myriad Genetics, Inc.	177%	Salt Lake City	UT	Peter D. Meldrum
417	Auxilium Pharmaceuticals, Inc.	176%	Malvern	PA	Adrian Adams
419	Incyte Corporation	174%	Wilmington	DE	Paul A. Friedman, M.D.
435	ViroPharma	167%	Exton	PA	Vin Milano
442	Akorn, Inc.	159%	Lake Forest	IL	Rajat Rai
446	Cubist Pharmaceuticals, Inc.	156%	Lexington	MA	Michael W. Bonney
447	Exelixis, Inc.	155%	So. San Francisco	CA	Michael M. Morrissey, Ph.D.
465	DUSA Pharmaceuticals, Inc.	148%	Wilmington	MA	Robert F. Doman
473	Luminex Corporation	146%	Austin	TX	Patrick J. Balthrop, Sr.
480	Salix Pharmaceuticals, Inc.	140%	Raleigh	NC	Carolyn J. Logan

Primary Industry: Medical Devices

Rank	Company Name	% Growth	City	St./Prov.	CEO Name
18	MAKO Surgical Corp.	10856%	Fort Lauderdale	FL	Maurice R. Ferré, Ph.D.
58	GlobalMed	2533%	Scottsdale	AZ	Joel E. Barthelemy
80	Dexcom, Inc.	1548%	San Diego	CA	Terrance H. Gregg
92	GenMark Diagnostics, Inc.	1366%	Carlsbad	CA	Hany Massarany
114	Insulet Corporation	1039%	Bedford	MA	Duane DeSisto
123	OmniGuide Inc.	925%	Cambridge	MA	Scott Flora
250	Zynex Inc.	324%	Lone Tree	CO	Thomas Sandgaard
277	Cardica, Inc.	275%	Redwood City	CA	Bernard A. Hausen, M.D., Ph.D.
305	NuVasive, Inc.	250%	San Diego	CA	Alexis V. Lukianov
344	Unilife Corporation	221%	York	PA	Alan Shortall
369	Endologix, Inc.	200%	Irvine	CA	John McDermott
386	Thoratec Corporation	193%	Pleasanton	CA	Gerhard F. Burbach
390	Intuitive Surgical, Inc.	192%	Sunnyvale	CA	Gary S. Guthart, Ph.D.
423	Alphatec Spine, Inc.	173%	Carlsbad	CA	Leslie H. Cross
431	Globus Medical Inc.	170%	Audubon	PA	David Paul
438	Volcano Corporation	163%	San Diego	CA	Scott Huennekens
443	Vasomedical, Inc.	158%	Westbury	NY	Jun Ma, Ph.D.
461	Foster Corporation	149%	Putnam	CT	Larry Acquarulo
469	Image Stream Medical	146%	Littleton	MA	Eddie Mitchell

Primary Industry: Medical Devices (cont.)

Rank	Company Name	% Growth	City	St./ Prov.	CEO Name
477	Hologic, Inc.	142%	Bedford	MA	Rob Cascella
488	Hansen Medical, Inc.	134%	Mountain View	CA	Bruce Barclay
491	CRF Health	132%	Plymouth Meeting	PA	Rachael Wyllie
493	DJO Global	131%	Vista	CA	Michael P. Mogul

Primary Industry: Clean Technology

Rank	Company Name	% Growth	City	St./ Prov.	CEO Name
1	Tesla Motors	279684%	Palo Alto	CA	Elon Musk
10	EcoSynthetix Inc.	25327%	Burlington	ON	John Van Leeuwen
12	Gevo, Inc.	23372%	Englewood	CO	Patrick R. Gruber, Ph.D.
14	Solazyme, Inc.	20963%	South San Francisco	CA	Jonathan S. Wolfson
27	Xtreme Power	6562%	Austin	TX	Alan Gotcher, Ph.D.
29	Nuventix Inc.	6306%	Austin	TX	Jim Balthazar
41	BrightSource Energy	3547%	Oakland	CA	John Woolard
43	Rhythm Engineering	3394%	Lenexa	KS	Reggie Chandra, Ph.D.
54	Ambient Corporation	2651%	Newton	MA	John J. Joyce
57	Viaspace Inc.	2572%	Walnut	CA	Carl Kukkonen, Ph.D.
78	BIOX Corporation	1601%	Oakville	ON	Kevin Norton
89	GT Advanced Technologies Inc.	1395%	Merrimack	NH	Tom Gutierrez
95	Lighting Science Group Corporation	1214%	Satellite Beach	FL	Steve Marton
128	Bridgelux	876%	Livermore	CA	Bill Watkins
134	ERP Power LLC	781%	Moorpark	CA	Michael Archer
143	Solar EnerTech Corp.	666%	Mountain View	CA	Leo S.Young
176	Canadian Solar Inc.	527%	West Guelph	ON	Shawn (Xiaohua) Qu, Ph.D.
177	Broadwind Energy, Inc.	524%	Naperville	IL	Peter C. Duprey
180	Intematix Corporation	514%	Fremont	CA	Mark Swoboda
196	First Solar, Inc.	449%	Tempe	AZ	James A. Hughes
215	Codexis, Inc.	389%	Redwood City	CA	John Nicols
260	H2O Innovation Inc	308%	Québec City	QC	Frédéric Dugré
268	Rubicon Technology, Inc.	293%	Bensenville	IL	Raja M. Parvez
269	Capstone Turbine Corporation	290%	Chatsworth	CA	Darren Jamison
278	WaterTectonics	274%	Everett	WA	Jim Mothersbaugh
372	Packsize International LLC	199%	Salt Lake City	UT	Hanko Kiessner
374	SunPower Corporation	198%	San Jose	CA	Tom Werner
413	Maxwell Technologies, Inc.	177%	San Diego	CA	David J. Schramm
415	ADA-ES, Inc.	177%	Highlands Ranch	CO	Mike Durham, Ph.D., MBA
437	Ocean Power Technologies, Inc.	164%	Pennington	NJ	Charles F. Dunleavy
451	FuelCell Energy, Inc.	154%	Danbury	CT	Chip Bottone
455	3TIER, Inc.	152%	Seattle	WA	Craig Husa
457	Cree, Inc.	151%	Durham	NC	Chuch Swoboda
466	Comverge, Inc.	147%	Norcross	GA	R. Blake Young
487	Cemtrex, Inc.	135%	Farmingdale	NY	Saagar Govil

Primary Industry: Scientific/Technical Instrumentation

Rank	Company Name	% Growth	City	St./ Prov.	CEO Name
239	Obzerv	336%	Québec	QC	Deni Bonnier
241	Dynasil Corporation of America	335%	Watertown	MA	Peter Sulick
338	Cambridge NanoTech Inc.	226%	Cambridge	MA	Jill Becker, Ph.D.
370	APS Technology	200%	Wallingford	CT	William E. Turner
371	Fidelity Technologies Corporation	199%	Reading	PA	J. David Gulati
397	Illumina, Inc.	188%	San Diego	CA	Jay T. Flatley
482	PASSUR Aerospace, Inc.	139%	Stamford	CT	James T. Barry

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Additional Program Information

Ranking is rounded to the nearest percentage point. Revenue growth over the five year period is calculated as follows: $[(FY'2011 \text{ revenue} - FY'2007 \text{ revenue}) / FY'2007 \text{ revenue}] \times 100$. For example, a company with reported revenues of \$350,000 in 2007 and \$7,500,000 in 2011, would have fiscal year revenue growth of 2,043% during the period of 2007 to 2011.

This ranking is compiled from nominations submitted directly to the Technology Fast 500 Web site, and public company database research conducted by Deloitte LLP. Deloitte has not audited the ranking and, accordingly, does not express an opinion or any other form of assurance on it. Some companies that may be eligible to appear in the ranking are not included because they did not submit the required information or otherwise declined to participate.

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