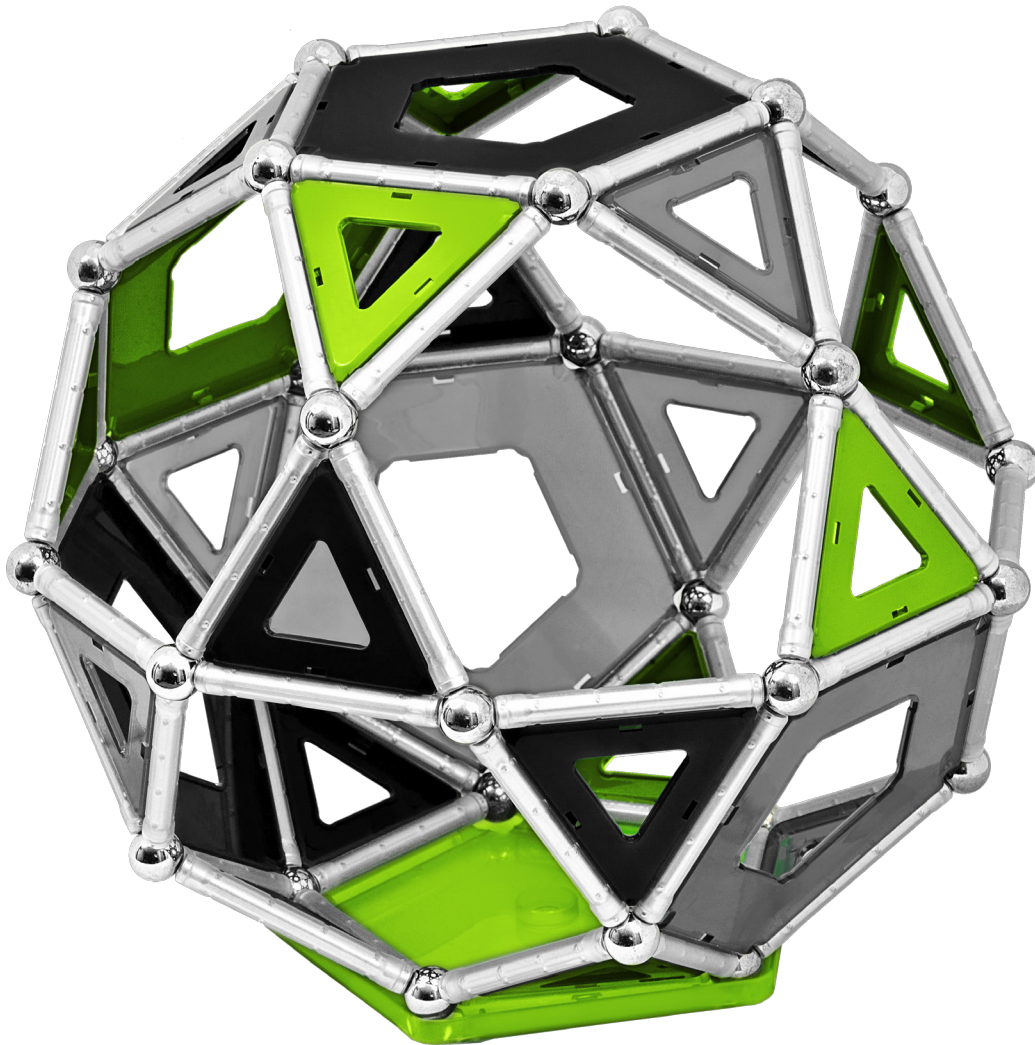


Deloitte.



2016 Technology Fast 500™ Ranking

Recognizing growth

The fastest growing technology companies
in North America

500[™]

Technology Fast 500
NORTH AMERICA

2016 Technology Fast 500 Ranking

500TM

Technology Fast 500
NORTH AMERICA

Rank	Company name	Primary industry	% Growth	City	St./Prov.	CEO name
1	Loot Crate	Digital content/media/entertainment	66,661%	Los Angeles	CA	Chris Davis
2	Yieldbot	Digital content/media/entertainment	39,783%	New York	NY	Jonathan Mendez
3	ARIAD Pharmaceuticals, Inc.	Biotechnology/pharmaceutical	21,191%	Cambridge	MA	Paris Panayiotopoulos
4	SearchMarketers.com	Digital content/media/entertainment	16,547%	Irvine	CA	Joe Britton
5	BounceX	Software	14,575%	New York	NY	Ryan Urban
6	Doximity	Software	14,350%	San Francisco	CA	Jeff Tangney
7	Gainsight	Software	12,730%	Redwood City	CA	Nick Mehta
8	Lexicon Pharmaceuticals, Inc.	Biotechnology/pharmaceutical	11,839%	The Woodlands	TX	Lonnell Coats
9	Datadog	Software	10,303%	New York	NY	Olivier Pomel
10	AppLovin	Software	10,276%	Palo Alto	CA	Adam Foroughi
11	Supernus Pharmaceuticals, Inc.	Biotechnology/pharmaceutical	9,659%	Rockville	MD	Jack A. Khattar
12	Imprimis Pharmaceuticals, Inc.	Biotechnology/pharmaceutical	9,616%	San Diego	CA	Mark Baum
13	WalkMe	Software	8,085%	San Francisco	CA	Dan Adika
14	Pure Storage, Inc.	Software	7,146%	Mountain View	CA	Scott Dietzen
15	Tanium Inc.	Software	6,965%	Emeryville	CA	Orion Hindawi
16	The Muse	Software	6,783%	New York	NY	Kathryn Minshew
17	Strata Skin Sciences, Inc.	Medical Devices	6,553%	Horsham	PA	Michael Stewart
18	Box, Inc.	Software	6,311%	Redwood City	CA	Aaron Levie
19	FORM Holdings Corp.	Electronic devices/hardware	6,048%	New York	NY	Andrew Perlman
20	MacStadium, Inc.	Communications/networking	5,341%	Atlanta	GA	Gregory McGraw
21	ZIOPHARM Oncology, Inc.	Biotechnology/pharmaceutical	5,315%	Boston	MA	Laurence J.N. Cooper
22	Benevity, Inc.	Software	5,104%	Calgary	AB	Bryan de Lottinville
23	VIVUS, Inc.	Biotechnology/pharmaceutical	4,643%	Mountain View	CA	Seth Fischer
24	Movidius	Semiconductors	4,262%	San Mateo	CA	Remi El-Ouazzane
25	Dollar Shave Club	Software	4,186%	Marina Del Rey	CA	Michael Dubin
26	bluebird bio, Inc.	Biotechnology/pharmaceutical	4,041%	Cambridge	MA	Nick Leschly
27	Rosetta Genomics, Ltd.	Biotechnology/pharmaceutical	4,013%	Philadelphia	PA	Ken Berlin
28	NewLink Genetics Corporation	Biotechnology/pharmaceutical	3,961%	Ames	IA	Charles J. Link
29	Five Prime Therapeutics, Inc.	Biotechnology/pharmaceutical	3,704%	San Francisco	CA	Lewis Williams
30	Nutanix, Inc.	Software	3,566%	San Jose	CA	Dheeraj Pandey
31	InfoScout	Software	3,507%	San Francisco	CA	Jared Schriber
32	TickPick	Digital content/media/entertainment	3,488%	New York	NY	Chris O'Brien
33	Render Media	Digital content/media/entertainment	3,238%	Los Angeles	CA	Vic Belonogoff
34	CallRail	Software	3,070%	Atlanta	GA	Andy Powell
35	Cognitive Medical Systems	Software	2,997%	San Diego	CA	Emory Fry, M.D.
36	Maropost	Digital content/media/entertainment	2,956%	Toronto	ON	Ross Andrew
37	Prodigy Ventures	Software	2,931%	Toronto	ON	Tom Beckerman
38	Prosper	Software	2,901%	San Francisco	CA	Aaron Vermut

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39	Tandem Diabetes Care, Inc.	Medical Devices	2,843%	San Diego	CA	Kim Blickentstaff
40	CrowdStrike	Software	2,665%	Irvine	CA	George Kurtz
41	Eagle Pharmaceuticals Inc.	Biotechnology/pharmaceutical	2,508%	Woodcliff Lake	NJ	Scott Tarriff
42	Hortonworks, Inc.	Software	2,452%	Santa Clara	CA	Rob Bearden
43	Achillion Pharmaceuticals, Inc.	Biotechnology/pharmaceutical	2,436%	New Haven	CT	Milind Deshpande
44	Canada Drives	Digital content/media/entertainment	2,392%	Vancouver	BC	Cody Green
45	Zerto	Software	2,370%	Boston	MA	Ziv Kedem
46	Fitbit Inc.	Electronic devices/hardware	2,333%	San Francisco	CA	James Park
47	Straight Path Communications Inc.	Communications/networking	2,294%	Glen Allen	VA	David Jonas
48	Aradigm Corporation	Biotechnology/pharmaceutical	2,227%	Hayward	CA	Igor Gonda
49	Snipp Interactive	Software	2,223%	Washington	DC	Atul Sabharwal
50	KnowBe4	Software	2,164%	Clearwater	FL	Stu Sjouerman
51	Cireson	Software	2,152%	San Diego	CA	Paul Sutton; Shaun Ericson
52	INSYS Therapeutics, Inc.	Biotechnology/pharmaceutical	2,037%	Chandler	AZ	John Kapoor
53	FanDuel	Digital content/media/entertainment	1,943%	New York	NY	Nigel Eccles
54	Drawbridge	Software	1,903%	San Mateo	CA	Kamakshi Sivaramakrishnan
55	The Trade Desk	Software	1,836%	Ventura	CA	Jeff Green
56	Movable Ink	Software	1,810%	New York	NY	Vivek Sharma
57	Egalet Corporation	Biotechnology/pharmaceutical	1,801%	Wayne	PA	Robert Radie
58	CINC (Commissions Inc.)	Software	1,761%	Marietta	GA	Duane LeGate
59	PlacelQ	Digital content/media/entertainment	1,748%	New York	NY	Duncan McCall
60	Yext	Software	1,676%	New York	NY	Howard Lerman
61	Inscopix Inc	Biotechnology/pharmaceutical	1,630%	Palo Alto	CA	Kunal Ghosh
62	SonoSim, Inc	Medical devices	1,579%	Santa Monica	CA	Eric Savitsky, M.D.
63	Nimble Storage, Inc.	Electronic devices/hardware	1,525%	San Jose	CA	Suresh Vasudevan
64	Delphix	Software	1,492%	Menlo Park	CA	Chris Cook
65	Coherus Biosciences, Inc.	Biotechnology/pharmaceutical	1,482%	Redwood City	CA	Dennis Lanfear
66	GumGum	Digital content/media/entertainment	1,447%	Santa Monica	CA	Ophir Tanz
67	Vacasa	Software	1,426%	Portland	OR	Eric Breon
68	Corcept Therapeutics Incorporated	Biotechnology/pharmaceutical	1,421%	Menlo Park	CA	Joseph K. Belanoff
69	Proove Biosciences Inc.	Biotechnology/pharmaceutical	1,386%	Irvine	CA	Brian Meshkin
70	Function(x) Inc.	Software	1,371%	New York	NY	Robert F. X. Sillerman
71	Metamarkets	Software	1,351%	San Francisco	CA	Mike Driscoll
72	Sortable	Digital content/media/entertainment	1,310%	Kitchener	ON	Christopher Reid
73	PagerDuty	Software	1,303%	San Francisco	CA	Jennifer Tejada
74	Welltok	Software	1,285%	Denver	CO	Jeff Margolis
75	ZEFR	Digital content/media/entertainment	1,281%	Venice	CA	Rich Raddon; Zach James
76	NerdWallet	Digital content/media/entertainment	1,263%	San Francisco	CA	Tim Chen

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77	Geron Corporation	Biotechnology/pharmaceutical	1,243%	Menlo Park	CA	John Scarlett
78	Eyeview	Digital content/media/entertainment	1,239%	New York	NY	Oren Harnevo
79	Speakr Inc.	Digital content/media/entertainment	1,216%	Hollywood	CA	Marco Hansell
80	Threshold Pharmaceuticals, Inc.	Biotechnology/pharmaceutical	1,211%	San Francisco	CA	Harold E. Selick
81	General Assembly	Digital content/media/entertainment	1,210%	New York	NY	Jake Schwartz
82	Rigel Pharmaceuticals, Inc.	Biotechnology/pharmaceutical	1,184%	San Francisco	CA	Raul R. Rodriguez
83	Seismic	Software	1,170%	Solana Beach	CA	Doug Winter
84	Axonify	Software	1,166%	Waterloo	ON	Carol Leaman
85	Intrexon Corporation	Biotechnology/pharmaceutical	1,160%	Germantown	MD	Randal J. Kirk
86	Kargo	Digital content/media/entertainment	1,141%	New York	NY	Harry Kargman
87	Alliqua BioMedical, Inc.	Medical Devices	1,124%	Yardley	PA	David Johnson
88	Influnster	Digital content/media/entertainment	1,105%	New York	NY	Aydin Acar
89	Qstream	Software	1,078%	Burlington	MA	Duncan Lennox
90	LookingGlass Cyber Solutions	Software	1,054%	Reston	VA	Chris Coleman
91	Cardlytics	Digital content/media/entertainment	1,049%	Atlanta	GA	Scott Grimes
92	2nd Watch	Software	1,028%	Seattle	WA	Doug Schneider
93	Easy Solutions	Software	1,022%	Doral	FL	Ricardo Villadiego
94	Signal	Software	1,008%	Chicago	IL	Mike Sands
95	DoubleDutch	Software	1,005%	San Francisco	CA	Lawrence Coburn
96	Plusgrade	Software	1,004%	Montréal	QC	Ken Harris
97	Health Catalyst	Software	998%	Salt Lake City	UT	Dan Burton
98	Adgorithms LTD	Software	992%	New York	NY	Or Shani
99	HealthCare.Com	Digital content/media/entertainment	988%	Miami	FL	Howard Yeh
100	Turbonomic	Software	954%	Boston	MA	Ben Nye
101	Sauce Labs	Software	951%	San Francisco	CA	Charles Ramsey
102	Intersect ENT, Inc.	Biotechnology/pharmaceutical	951%	Menlo Park	CA	Lisa Earnhardt
103	Big Blue Bubble	Digital content/media/entertainment	950%	London	ON	Damir Slogar
104	ZipRecruiter	Software	931%	Santa Monica	CA	Ian Siegel
105	Coupa Software	Software	915%	San Mateo	CA	Rob Bernshteyn
106	King Memory	Software	888%	Columbus	OH	Darryl Tanner; Chad Crnkovich
107	Inovio Pharmaceuticals, Inc.	Biotechnology/pharmaceutical	885%	Plymouth Meeting	PA	Joseph Kim
108	ITUS Corporation	Electronic devices/hardware	874%	Los Angeles	CA	Robert Berman
109	AXS	Digital content/media/entertainment	857%	Los Angeles	CA	Bryan Perez
110	Exact Sciences Corporation	Biotechnology/pharmaceutical	852%	Madison	WI	Kevin Conroy
111	New Relic, Inc.	Software	847%	San Francisco	CA	Lew Cirne
112	SaleCycle	Software	824%	Sterling	VA	Dominic Edmunds
113	SkyKick	Software	813%	Seattle	WA	Todd Schwartz
114	Biz2Credit	Software	802%	New York	NY	Rohit Arora

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115	Pluralsight	Software	800%	Farmington	UT	Aaron Skonnard
116	ShopKeep	Software	776%	New York	NY	Michael DeSimone
117	RockYou, Inc.	Digital content/media/entertainment	767%	San Francisco	CA	Lisa Marino
118	NewsCred	Software	767%	New York	NY	Shafqat Islam
119	mobileLIVE	Software	758%	Richmond Hill	ON	Jahan Ali
120	Unbounce	Software	740%	Vancouver	BC	Richard Perreault
121	Instructure, Inc.	Software	734%	Salt Lake City	UT	Josh Coates
122	AcelRx Pharmaceuticals, Inc.	Biotechnology/pharmaceutical	705%	Redwood City	CA	Howard Rosen
123	Contently	Software	697%	New York	NY	Joe Coleman
124	AdTheorent	Digital content/media/entertainment	695%	New York	NY	Anthony Iacovone
125	AcademicWorks	Software	690%	Austin	TX	Brandon Phipps
126	Wrike	Software	685%	Mountain View	CA	Andrew Filev
127	You.i TV	Software	683%	Kanata	ON	Jason Flick
128	TSheets.com	Software	682%	Eagle	ID	Matt Rissell
129	Integral Ad Science	Digital content/media/entertainment	678%	New York	NY	Scott Knoll
130	ServiceMax	Software	677%	Pleasanton	CA	Dave Yarnold
131	Truveris	Software	677%	New York	NY	Faisal Mushtaq
132	Trevena, Inc.	Biotechnology/pharmaceutical	674%	King of Prussia	PA	Maxine Gowen
133	Anacor Pharmaceuticals, Inc.	Biotechnology/pharmaceutical	667%	Palo Alto	CA	Paul Berns
134	pSivida Corp.	Medical Devices	653%	Watertown	MA	Paul Ashton
135	Twilio	Software	648%	San Francisco	CA	Jeff Lawson
136	FireEye, Inc.	Software	648%	Milpitas	CA	Kevin Mandia
137	Tongal	Digital content/media/entertainment	631%	Santa Monica	CA	Robert Salvatore
138	Merit Solutions	Software	629%	Wheaton	IL	Bill Burke
139	Norbachi	Energy tech	619%	Harbor City	CA	Farzad Dibachi
140	GiftCardBin	Software	618%	Sacramento	CA	Michelle Kille
141	JUICE Mobile	Digital content/media/entertainment	618%	Toronto	ON	Neil Sweeney
142	Orexigen Therapeutics, Inc.	Biotechnology/pharmaceutical	614%	La Jolla	CA	Michael Narachi
143	Spreemo	Software	612%	New York	NY	Ron Vianu
144	Wombat Security Technologies	Software	602%	Pittsburgh	PA	Joe Ferrara
145	Twitter, Inc.	Software	600%	San Francisco	CA	Jack Dorsey
146	Malwarebytes	Software	599%	Santa Clara	CA	Marcin Kleczynski
147	Tapad	Digital content/media/entertainment	594%	New York	NY	Are Traasdahl
148	Seal Software	Software	591%	San Francisco	CA	Ulf Zetterberg
149	TraceLink	Software	585%	North Reading	MA	Shabbir Dahod
150	Clearpath	Electronic devices/hardware	571%	Kitchener	ON	Matthew Rendall
151	Procore Technologies	Software	566%	Carpinteria	CA	Craig "Tooney" Courtemanche
152	PhishMe	Software	564%	Leesburg	VA	Rohyt Belani

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153	Mediamorph	Software	558%	New York	NY	Rob Gardos
154	Second Sight Medical Products, Inc.	Medical Devices	555%	Sylmar	CA	Will McGuire
155	TravelPASS Group, LLC	Software	546%	Lehi	UT	Ryan McCoy
156	FSA Store, Inc.	Digital content/media/entertainment	546%	New York	NY	Jeremy Miller
157	ADMA Biologics, Inc.	Biotechnology/pharmaceutical	542%	Ramsey	NJ	Adam Grossman
158	FastPay	Digital content/media/entertainment	541%	Los Angeles	CA	Jed Simon
159	Pacira Pharmaceuticals, Inc.	Biotechnology/pharmaceutical	537%	Parsippany	NJ	David Stack
160	TearLab Corporation	Medical Devices	535%	San Diego	CA	Seph Jensen
161	Professional Diversity Network, Inc.	Software	527%	Chicago	IL	James Kirsch
162	Dealer Spike	Digital content/media/entertainment	525%	Lake Oswego	OR	Jay Mason
163	Maximum Games	Digital content/media/entertainment	524%	Walnut Creek	CA	Christina Seelye
164	Square, Inc.	Software	523%	San Francisco	CA	Jack Dorsey
165	Phunware, Inc.	Software	521%	Austin	TX	Alan Knitowski
166	OrthoAccel Technologies, Inc.	Medical devices	510%	Bellaire	TX	Michael K. Lowe
167	Magnetic	Software	509%	New York	NY	James Green
168	Druva	Software	505%	Sunnyvale	CA	Jaspreet Singh
169	MediaAlpha	Software	504%	Redmond	WA	Steve Yi
170	symplr	Software	503%	Houston	TX	Rick Pleczko
171	MuleSoft	Software	498%	San Francisco	CA	Greg Schott
172	Smartsheet	Software	490%	Bellevue	WA	Mark Mader
173	L4 Digital	Software	487%	Seattle	WA	Keith O'Neill
174	CENX	Software	487%	Ottawa	ON	Kim Butler
175	Workday, Inc.	Software	486%	Pleasanton	CA	Aneel Bhusri
176	Semler Scientific, Inc.	Medical Devices	484%	Portland	OR	Douglas Murphy Chutorian
177	Traction on Demand	Software	483%	Burnaby	BC	Greg Malpass
178	Axtria	Software	482%	Berkeley Heights	NJ	Jassi Chadha
179	SiteLock	Software	479%	Scottsdale	AZ	Neill Feather
180	VertaMedia	Digital content/media/entertainment	479%	New York	NY	Alex Bornyakov
181	ReviMedia	Digital content/media/entertainment	473%	New York	NY	Frans van Hulle
182	Ameri100	Software	468%	Princeton	NJ	Giri Devanur
183	Modernizing Medicine	Software	462%	Boca Raton	FL	Daniel Cane
184	Budget Dumpster	Software	454%	Westlake	OH	John Fenn; Mark Campbell
185	SMS Masterminds	Software	454%	San Luis Obispo	CA	Luke Wallace
186	Dialpad	Communications/networking	451%	San Francisco	CA	Craig Walker
187	FireFly Computers	Electronic devices/hardware	447%	Saint Paul	MN	Kari Phillips
188	Zendesk, Inc.	Software	446%	San Francisco	CA	Mikkel Svane
189	Ascent Solar Technologies, Inc.	Semiconductors	446%	Thornton	CO	Victor Lee
190	CloudOne	Software	439%	Fishers	IN	John McDonald

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191	Magnet Forensics Inc.	Software	437%	Waterloo	ON	Adam Belsher
192	TubeMogul, Inc.	Software	429%	Emeryville	CA	Brett Wilson
193	TherapeuticsMD, Inc.	Biotechnology/pharmaceutical	428%	Boca Raton	FL	Robert G. Finizio
194	Corvus Energy	Energy tech	426%	Richmond	BC	Andrew Morden
195	Untangle	Software	424%	San Jose	CA	Scott Devens
196	ImmunoGen, Inc.	Biotechnology/pharmaceutical	423%	Waltham	MA	Mark Enyedy
197	Precision Technologies Corp	Software	423%	Monmouth Junction	NJ	Deepali Khadakban
198	Concert Pharmaceuticals, Inc.	Biotechnology/pharmaceutical	419%	Lexington	MA	Roger Tung, Ph.D.
199	Medivation, Inc.	Biotechnology/pharmaceutical	419%	San Francisco	CA	David Hung, M.D.
200	Teligent, Inc.	Biotechnology/pharmaceutical	417%	Buena	NJ	Jason Grenfell-Gardner
201	Zapproved, Inc.	Software	417%	Portland	OR	Monica Enand
202	Tableau Software, Inc.	Software	412%	Seattle	WA	Adam Selipsky
203	Veeva Systems Inc.	Software	411%	Pleasanton	CA	Peter Gassner
204	Adaptive Biotechnologies	Biotechnology/pharmaceutical	408%	Seattle	WA	Chad Robins
205	hCentive	Software	408%	Reston	VA	Sanjay Singh
206	Vena Solutions	Software	404%	Toronto	ON	Don Mal
207	Netsertive	Software	402%	Morrisville	NC	Brendan Morrissey
208	XYZ Technologie Culturelle	Digital content/media/entertainment	392%	Montréal	QC	Éric Cyr
209	AMAG Pharmaceuticals, Inc.	Biotechnology/pharmaceutical	390%	Waltham	MA	William K. Heiden
210	Chef Software	Software	385%	Seattle	WA	Barry Crist
211	Act-On Software	Software	380%	Portland	OR	Andy MacMillan
212	Simpli.fi	Digital content/media/entertainment	379%	Fort Worth	TX	Frost Prioleau
213	Cemtrex Inc.	Electronic devices/hardware	368%	Farmingdale	NY	Saagar Govil
214	Aeryon Labs	Electronic devices/hardware	364%	Waterloo	ON	Dave Kroetsch
215	Apttus	Software	363%	San Mateo	CA	Kirk Krappe
216	Appnovation Technologies	Software	358%	Vancouver	BC	Arnold Leung
217	8D Technologies Inc.	Software	352%	Montréal	QC	Isabelle Bettez
218	Accordant Media	Communications/networking	351%	New York	NY	Art Muldoon; Matt Greitzer
219	Financeit	Software	348%	Toronto	ON	Michael Garrity
220	MediaMath	Software	344%	New York	NY	Joe Zawadzki
221	Limeade	Software	344%	Bellevue	WA	Henry Albrecht
222	Ardelyx, Inc.	Biotechnology/pharmaceutical	344%	Fremont	CA	Mike Raab
223	InviteManager	Software	344%	Calabasas	CA	Tony Knopp
224	Duda	Software	339%	Palo Alto	CA	Itai Sadan
225	Rubicon Project	Software	335%	Playa Vista	CA	Frank Addante
226	Arista Networks, Inc.	Communications/networking	333%	Santa Clara	CA	Jayshree Ullal
227	TeleWorld Solutions	Communications/networking	330%	Chantilly	VA	Shervin Gerami

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228	Simeio Solutions	Software	328%	Atlanta	GA	Hemen Vimadalal
229	Aquantia Corp	Semiconductors	326%	San Jose	CA	Faraj Alalai
230	ARCA	Electronic devices/hardware	325%	Mebane	NC	Mort O'Sullivan
231	Pandora Media, Inc.	Software	324%	Oakland	CA	Tim Westergren
232	FlowPlay	Digital content/media/entertainment	321%	Seattle	WA	Derrick Morton
233	Cancer Genetics, Inc.	Biotechnology/pharmaceutical	319%	Rutherford	NJ	Panna Sharma
234	CoroWare, Inc.	Electronic devices/hardware	317%	Bellevue	WA	Lloyd Spencer
235	ScribbleLive	Software	314%	Toronto	ON	Vince Mifsud
236	ServiceNow, Inc.	Software	313%	Santa Clara	CA	Frank Sloatman
237	Work Market	Software	312%	New York	NY	Stephen DeWitt
238	PulsePoint	Digital content/media/entertainment	307%	New York	NY	Sloan Gaon
239	Evariant	Software	303%	Farmington	CT	William Moschella
240	PointSource	Software	303%	Raleigh	NC	Chris Hugill
241	DexCom, Inc.	Medical Devices	302%	San Diego	CA	Kevin Sayer
242	Yelp Inc.	Digital content/media/entertainment	300%	San Francisco	CA	Jeremy Stoppelman
243	Andrea Electronics Corporation	Electronic devices/hardware	298%	Bohemia	NY	Douglas J. Andrea
244	Sailthru	Software	297%	New York	NY	Neil Lustig
245	Plug Power Inc.	Energy tech	296%	Latham	NY	Andy Marsh
246	SRI Tech Solutions Inc.	Software	295%	Tampa	FL	Hari Thota
247	Cedexis	Software	294%	Portland	OR	Scott Grout
248	Sojern	Digital content/media/entertainment	293%	San Francisco	CA	Mark Rabe
249	Digital Turbine, Inc.	Software	291%	Austin	TX	Bill Stone
250	LoanLogics	Software	291%	Treose	PA	Brian K. Fitzpatrick
251	Avaap	Software	289%	Edison	NJ	Dhiraj Shah
252	Paymentus Corporation	Software	288%	Charlotte	NC	Dushyant Sharma
253	EventMobi	Software	287%	Toronto	ON	Bob Vaez
254	Enanta Pharmaceuticals, Inc.	Biotechnology/pharmaceutical	286%	Watertown	MA	Jay R. Luly, Ph.D.
255	Akorn, Inc.	Biotechnology/pharmaceutical	285%	Lake Forest	IL	Raj Rai
256	Nevro Corp.	Medical Devices	284%	Redwood City	CA	Rami Elghandour
257	Neurio	Software	283%	Vancouver	BC	Janice Cheam
258	Invincea, Inc.	Software	283%	Fairfax	VA	Anup Ghosh
259	Innovest Systems	Software	282%	New York	NY	Glenn Schmidt
260	Implant Sciences Corporation	Electronic devices/hardware	281%	Wilmington	MA	William McGann
261	Cytokinetics, Inc.	Biotechnology/pharmaceutical	279%	San Francisco	CA	Robert I. Blum
262	Insigma Inc	Electronic devices/hardware	279%	Reston	VA	Kamna Kapoor
263	Dealer-FX	Software	278%	Toronto	ON	Gary Kalk
264	Depomed, Inc.	Biotechnology/pharmaceutical	277%	Newark	CA	James A. Schoeneck
265	Invoca	Software	277%	Santa Barbara	CA	Mark Woodward

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266	Optoro	Software	276%	Washington	DC	Tobin Moore
267	ANI Pharmaceuticals, Inc.	Biotechnology/pharmaceutical	275%	Baudette	MN	Arthur Przybyl
268	AvidXchange™	Software	275%	Charlotte	NC	Michael Praeger
269	DiscoverOrg	Software	274%	Vancouver	WA	Henry Schuck
270	Zuora	Software	273%	Foster City	CA	Tien Tzuo
271	Silverline	Software	273%	New York	NY	Gireesh Sonnad
272	Splunk Inc.	Software	273%	San Francisco	CA	Doug Merritt
273	Scorpion	Digital content/media/entertainment	272%	Valencia	CA	Rustin Kretz
274	WeddingWire	Digital content/media/entertainment	272%	Chevy Chase	MD	Timothy Chi
275	ARC Group Worldwide, Inc.	Electronic devices/hardware	270%	Deland	FL	Jason Young
276	The Revenue Optimization Companies	Communications/networking	269%	Coral Gables	FL	Brett Beveridge
277	Precise Leads	Digital content/media/entertainment	267%	New York	NY	Antonio Franzese
278	TeleSign	Software	267%	Marina del Rey	CA	Aled Miles
279	Zebra Technologies Corporation	Electronic devices/hardware	267%	Lincolnshire	IL	Anders Gustafsson
280	MyJobHelper.com	Digital content/media/entertainment	266%	New York	NY	Josh Blumenfeld
281	Buildium	Software	266%	Boston	MA	Michael Monteiro
282	MobileIron, Inc.	Software	265%	Mountain View	CA	Barry Mainz
283	Sientra, Inc.	Medical Devices	265%	Santa Barbara	CA	Jeffrey Nugent
284	Palo Alto Networks, Inc.	Software	264%	Santa Clara	CA	Mark McLaughlin
285	LDiscovery, LLC	Software	263%	McLean	VA	Christopher Weiler
286	Eddyfi	Electronic devices/hardware	262%	Québec	QC	Martin Theriault
287	Tracx	Software	262%	Bethesda	MD	Rick Rudman
288	eSentire	Software	261%	Cambridge	ON	J. Paul Haynes
289	Apprio, Inc.	Software	260%	Washington	DC	Darryl F. Britt
290	Marketo, Inc.	Software	259%	San Mateo	CA	Phil Fernandez
291	SoftPath Technologies LLC	Software	258%	Livonia	MI	Jay Gubbala
292	ForeScout Technologies, Inc.	Software	258%	San Jose	CA	Michael DeCesare
293	MedHOK	Software	257%	Tampa	FL	Anil Kottoor
294	Amyx	Communications/networking	256%	Reston	VA	Satya Akula
295	AxoGen, Inc.	Medical Devices	255%	Alachua	FL	Karen Zaderej
296	ARRIS International plc	Communications/networking	254%	Suwanee	GA	Robert Stanzione
297	WebPT	Software	253%	Phoenix	AZ	Nancy Ham
298	Zayo Group, LLC	Communications/networking	253%	Boulder	CO	Dan Caruso
299	HubSpot, Inc.	Software	253%	Cambridge	MA	Brian Halligan
300	Facebook, Inc.	Software	252%	Menlo Park	CA	Mark Zuckerberg
301	PhishLabs	Communications/networking	252%	Charleston	SC	John LaCour
302	Entellus Medical, Inc.	Medical Devices	251%	Plymouth	MN	Robert S. White

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Rank	Company name	Primary industry	% Growth	City	St./Prov.	CEO name
303	Qumu Corporation	Software	250%	Minneapolis	MN	Vern Hanzlik
304	Cherwell Software	Software	250%	Colorado Springs	CO	Craig Harper
305	Sharethrough, Inc.	Software	249%	San Francisco	CA	Daniel Greenberg
306	DOM360	Software	249%	Greenville	SC	Robert Donovan
307	SevOne	Software	243%	Boston	MA	Jack Sweeney
308	Accurate Background	Software	242%	Irvine	CA	Dave Dickerson
309	Spokeo	Software	239%	Pasadena	CA	Harrison Tang
310	WellDog	Energy tech	239%	Laramie	WY	John Pope, Ph.D.
311	SPHERE Technology Solutions	Software	238%	Jersey City	NJ	Rita Gurevich
312	Dejero Labs	Digital content/media/entertainment	238%	Waterloo	ON	Brian Cram
313	Sonatype	Software	237%	Fulton	MD	Wayne Jackson
314	VistaVu Solutions Inc.	Software	237%	Calgary	AB	Jory Lamb
315	Gilead Sciences, Inc.	Biotechnology/pharmaceutical	236%	Foster City	CA	John F. Milligan
316	PubMatic	Software	236%	Redwood City	CA	Rajeev Goel
317	Vanda Pharmaceuticals Inc.	Biotechnology/pharmaceutical	236%	Washington	DC	Mihael H. Polymeropoulos, M.D.
318	BoardEffect	Software	236%	Philadelphia	PA	Todd Gibby
319	RiskSense	Software	235%	Albuquerque	NM	Dr. Srinivas Mukkamala
320	ZELTIQ Aesthetics, Inc.	Medical Devices	235%	Pleasanton	CA	Mark J. Foley
321	3xLOGIC, Inc.	Software	235%	Westminster	CO	Matthew M. Kushner
322	Redfin	Software	233%	Seattle	WA	Glenn Kelman
323	BlackLine	Software	233%	Los Angeles	CA	Therese Tucker
324	360insights	Software	231%	Whitby	ON	Jason Atkins
325	Lannett Company, Inc.	Biotechnology/pharmaceutical	231%	Philadelphia	PA	Arthur P. Bedrosian, J.D.
326	OnShift	Software	229%	Cleveland	OH	Mark Woodka
327	Kinova Inc.	Electronic devices/hardware	227%	Boisbriand	QC	Charles Deguire
328	Inogen	Medical Devices	227%	Goleta	CA	Raymond Huggenberger
329	Clio	Software	224%	Burnaby	BC	Jack Newton
330	Adaptive Insights	Software	224%	Palo Alto	CA	Tom Bogan
331	Stratasys Ltd.	Electronic devices/hardware	223%	Eden Prairie	MN	Ilan Levin
332	ID Experts	Software	223%	Portland	OR	Robert Gregg
333	Big Viking Games	Digital content/media/entertainment	223%	London	ON	Albert Lai
334	Immune Design Corp.	Biotechnology/pharmaceutical	221%	Seattle	WA	Carlos Paya, M.D., Ph.D.
335	Code42	Software	219%	Minneapolis	MN	Joe Payne
336	AcuityAds Inc.	Digital content/media/entertainment	219%	Toronto	ON	Tal Hayek
337	Oxagile LLC	Software	217%	New York	NY	Dmitry Karpovich
338	MINDBODY, INC.	Software	217%	San Luis Obispo	CA	Richard Stollmeyer
339	SmartAction	Software	216%	El Segundo	CA	Tom Lewis
340	SunLink	Energy tech	215%	Mill Valley	CA	Michael Maulick; Ken Schwarz

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341	P2Sample	Digital content/media/entertainment	213%	Alpharetta	GA	Mathijs de Jong
342	Copperleaf	Software	212%	Vancouver	BC	Judi Hess
343	Synaptics Inc.	Semiconductors	211%	San Jose	CA	Rick Bergman
344	US Tech Solutions, Inc.	Software	208%	Jersey City	NJ	Manoj Agarwal
345	LinkedIn Corporation	Software	208%	Mountain View	CA	Jeff Weiner
346	MaxLinear, Inc.	Semiconductors	207%	Carlsbad	CA	Kishore Seendripu, Ph.D.
347	Resolver	Software	207%	Toronto	ON	Will Anderson
348	Upland Software, Inc.	Software	207%	Austin	TX	Jack McDonald
349	EcoSense	Energy tech	205%	Los Angeles	CA	Mark Reynoso
350	Greensmith Energy	Energy tech	205%	Herndon	VA	John Jung
351	Madison Logic	Digital content/media/entertainment	205%	New York	NY	Tom O'Regan
352	AlienVault	Software	204%	San Mateo	CA	Barmak Meftah
353	Oxford Immunotec Global PLC	Medical Devices	204%	Marlborough	MA	Peter Wrighton-Smith, Ph.D.
354	Lotame, Inc.	Software	202%	Columbia	MD	Andy Monfried
355	SMS Assist.	Software	201%	Chicago	IL	Michael Rothman
356	Applied Optoelectronics, Inc.	Communications/networking	199%	Sugar Land	TX	Dr. Thompson Lin
357	HealthPlanOne, LLC	Digital content/media/entertainment	199%	Trumbull	CT	William Stapleton
358	BiolQ	Software	199%	Santa Barbara	CA	Justin Bellante
359	Regeneron Pharmaceuticals, Inc.	Biotechnology/pharmaceutical	198%	Tarrytown	NY	Leonard S. Schleifer, M.D., Ph.D.
360	Acquia	Software	197%	Boston	MA	Thomas Erickson
361	Atlas RFID Solutions	Software	197%	Birmingham	AL	Robert Fuqua
362	Pro-Vision Video Systems, Inc.	Electronic devices/hardware	196%	Byron Center	MI	Steve Peacock
363	Datalot	Communications/networking	195%	Brooklyn	NY	Josh Reznick
364	Paycom Software, Inc.	Software	192%	Oklahoma City	OK	Chad Richison
365	Aria Systems	Software	192%	San Francisco	CA	Tom Dibble
366	Xencor, Inc.	Biotechnology/pharmaceutical	191%	Monrovia	CA	Bassil I. Dahiyat, Ph.D.
367	Capricor Therapeutics, Inc.	Biotechnology/pharmaceutical	191%	Beverly Hills	CA	Linda Marbán, Ph.D.
368	InRhythm	Software	190%	New York	NY	Gunjan Doshi
369	Greenphire	Software	190%	King of Prussia	PA	Jim Murphy
370	Payoneer	Software	190%	New York	NY	Scott Galit
371	ProntoForms	Software	189%	Ottawa	ON	Alvaro Pombo
372	Avigilon Corporation	Software	188%	Vancouver	BC	Alexander Fernandes
373	Opower	Software	187%	Arlington	VA	Daniel Yates
374	Kareo	Software	187%	Irvine	CA	Dan Rodrigues
375	Pernix Therapeutics Holdings, Inc.	Biotechnology/pharmaceutical	187%	Morristown	NJ	John Sedor
376	Nektar Therapeutics	Biotechnology/pharmaceutical	184%	San Francisco	CA	Howard Robin
377	ColoCrossing	Communications/networking	182%	Buffalo	NY	Jon Biloh
378	Kimbia	Software	181%	Austin	TX	Daniel Gillett

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379	VideoBlocks	Digital content/media/entertainment	179%	Reston	VA	TJ Leonard
380	Mitek Systems, Inc.	Software	179%	San Diego	CA	James DeBello
381	Paylocity	Software	177%	Arlington Heights	IL	Steve Beauchamp
382	Skytap	Software	177%	Seattle	WA	Thor Culverhouse
383	ORBCOMM, Inc.	Communications/networking	176%	Rochelle Park	NJ	Marc Eisenberg
384	Sequenom Inc.	Medical Devices	176%	San Diego	CA	Dirk Van Den Boom, Ph.D.
385	Clarity Software Solutions, Inc.	Software	176%	Madison	CT	Sean Rotermund
386	Vendasta Technologies	Software	175%	Saskatoon	SK	Brendan King
387	Workiva	Software	174%	Ames	IA	Matthew Rizai, Ph.D.
388	FibroGen, Inc.	Biotechnology/pharmaceutical	174%	San Francisco	CA	Tom Neff
389	Cirrus Logic, Inc.	Semiconductors	174%	Austin	TX	Jason Rhode, Ph.D.
390	NanoString Technologies, Inc.	Medical Devices	173%	Seattle	WA	Brad Gray
391	SharpSpring, Inc.	Software	173%	Gainesville	FL	Rick Carlson
392	Alert Logic	Software	172%	Houston	TX	Gray Hall
393	Thycotic	Software	172%	Washington	DC	Jim Legg
394	PDFTron Systems Inc.	Software	171%	Vancouver	BC	Ivan Nincic
395	ConforMIS, Inc.	Medical Devices	171%	Bedford	MA	Philipp Lang, M.D., MBA
396	JAMF Software	Software	171%	Minneapolis	MN	Dean Hager
397	DELVIOM, LLC	Software	171%	Ashburn	VA	Karuna Yarlagadda
398	Inphi Corporation	Semiconductors	170%	Santa Clara	CA	Dr. Ford Tamer
399	PEN Inc.	Biotechnology/pharmaceutical	170%	Miami	FL	Scott Rickert
400	T2 Systems	Software	169%	Indianapolis	IN	Adam Blake
401	Workfront	Software	168%	Lehi	UT	Alex Shootman
402	Q2 Holdings, Inc.	Software	165%	Austin	TX	Matt Flake
403	Backblaze	Software	164%	San Mateo	CA	Gleb Budman
404	Wonderbox Technologies, LLC	Software	162%	Mequon	WI	Craig R. Kasten
405	OpenX	Software	162%	Pasadena	CA	Tim Cadogan
406	ENow, Inc.	Software	162%	Aliso Viejo	CA	Jay P. Gundotra
407	Soligenix, Inc.	Biotechnology/pharmaceutical	161%	Princeton	NJ	Christopher J. Schaber, Ph.D.
408	ScienceLogic	Software	161%	Reston	VA	Dave Link
409	Invaluable	Software	159%	Boston	MA	Rob Weisberg
410	Broadway Technology	Software	159%	New York	NY	Tyler Moeller
411	Credible Behavioral Health Software	Software	159%	Rockville	MD	Matthew M. Dorman
412	RingCentral, Inc.	Software	159%	Belmont	CA	Vlad Shmunis
413	ltransition	Software	158%	Lakewood	CO	Alex Demichev
414	Zafin	Software	158%	Vancouver	BC	Al Karim Somji
415	Carmanah Technologies	Energy tech	158%	Victoria	BC	John Simmons
416	nexVortex	Communications/networking	155%	Herndon	VA	Fred Fromm

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417	Apptio, Inc.	Software	155%	Bellevue	WA	Sunny Gupta
418	Vitals	Software	155%	Lyndhurst	NJ	Heyward Donigan
419	Penumbra, Inc.	Medical Devices	154%	Alameda	CA	Adam Elsesser
420	Diligent	Software	154%	New York	NY	Brian Stafford
421	Endurance International Group Holdings, Inc.	Software	154%	Burlington	MA	Hari Ravichandran
422	Incyte Corporation	Biotechnology/pharmaceutical	154%	Wilmington	DE	Hervé Hoppenot
423	Nextiva	Software	154%	Scottsdale	AZ	Tomas Gorny
424	Addictive Mobility	Digital content/media/entertainment	153%	Toronto	ON	Naveed Ahmad
425	InsideView Technologies, Inc.	Software	153%	San Francisco	CA	Umberto Milletti
426	Shutterstock, Inc.	Digital content/media/entertainment	151%	New York	NY	Jon Oringer
427	Proofpoint, Inc.	Software	150%	Sunnyvale	CA	Gary Steele
428	Heartware International, Inc.	Medical Devices	150%	Framingham	MA	Doug Godshall
429	Ellie Mae, Inc.	Software	149%	Pleasanton	CA	Jonathan Corr
430	Certent	Software	149%	Pleasanton	CA	Michael Boese
431	Silver Spring Networks, Inc.	Software	149%	Redwood City	CA	Michael Bell
432	MusclePharm Corporation	Biotechnology/pharmaceutical	149%	Denver	CO	Ryan Drexler
433	Ingenious Med	Software	149%	Atlanta	GA	Joe Marabito
434	Apigee Corporation	Software	149%	San Jose	CA	Chet Kapoor
435	eMaint	Software	148%	Bonita Springs	FL	Brian Samelson
436	Semcasting	Software	146%	North Andover	MA	Ray Kingman
437	Chrome River	Software	146%	Los Angeles	CA	Alan Rich
438	Bankai Group, Inc.	Communications/networking	145%	Kew Gardens	NY	Bankim Brahmhatt
439	Nexcess.Net, LLC	Communications/networking	145%	Southfield	MI	Chris Wells
440	Evolve IP	Communications/networking	144%	Wayne	PA	Thomas J. Gravina
441	InvenSense, Inc.	Electronic devices/hardware	143%	San Jose	CA	Behrooz Abdi
442	Amendia, Inc.	Medical devices	143%	Marietta	GA	Chris Fair
443	AskingCanadians	Software	142%	Toronto	ON	Adam Froman
444	Impact Financial Systems (IFS)	Software	142%	Davidson	NC	Tim Parsons
445	L2TMedia	Digital content/media/entertainment	142%	Evanston	IL	Liz Prior; Tom Moorhead
446	NeuLion, Inc.	Communications/networking	141%	Plainview	NY	Roy Reichbach
447	Ghostery	Software	141%	New York	NY	Scott Meyer
448	SailPoint	Software	140%	Austin	TX	Mark McClain
449	SOTI Inc.	Software	139%	Mississauga	ON	Carl Rodrigues
450	Unilife Corporation	Medical Devices	138%	York	PA	John Ryan
451	Igloo Software	Software	138%	Kitchener	ON	Dan Latendre
452	Varonis Systems, Inc.	Software	138%	New York	NY	Yaki Faitelson
453	KEV Group	Software	137%	Toronto	ON	Bram Belzberg

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454	YapStone	Software	136%	Walnut Creek	CA	Tom Villante
455	Agios Pharmaceuticals, Inc.	Biotechnology/pharmaceutical	135%	Cambridge	MA	David Schenkein
456	Liquidus Marketing	Digital content/media/entertainment	134%	Chicago	IL	Todd Holmes
457	NuAxis Innovations	Electronic devices/hardware	134%	Vienna	VA	Imran Akram
458	Star2Star Communications	Communications/networking	133%	Sarasota	FL	Norman Worthington
459	LLamasoft, Inc.	Software	132%	Ann Arbor	MI	Don Hicks
460	Endgame	Software	132%	Arlington	VA	Nate Fick
461	etouches	Software	132%	Norwalk	CT	Oni Chukwu
462	Paymetric	Software	132%	Atlanta	GA	Asif Ramji
463	Infinity Pharmaceuticals, Inc.	Biotechnology/pharmaceutical	131%	Cambridge	MA	Adelene Perkins
464	Avangate	Software	131%	Atlanta	GA	Alex Hart
465	Mirego	Software	131%	Québec	QC	Albert Dang-Vu
466	TextNow	Communications/networking	131%	Waterloo	ON	Derek Ting
467	Glu Mobile, Inc.	Software	131%	San Francisco	CA	Niccolo de Masi
468	Enersight	Software	131%	Calgary	AB	Wayne Sim
469	Core Informatics, LLC	Software	130%	Branford	CT	Josh Geballe
470	Medical Transcription Billing, Corp.	Software	130%	Somerset	NJ	Mahmud Haq
471	GetWellNetwork	Software	130%	Bethesda	MD	Michael O'Neil
472	Fusion	Communications/networking	130%	New York	NY	Matthew Rosen
473	Alexion Pharmaceuticals, Inc.	Biotechnology/pharmaceutical	130%	New Haven	CT	David Hallal
474	Universal Display Corporation	Energy tech	130%	Ewing	NJ	Steven Abramson
475	Gigamon Inc.	Software	130%	Santa Clara	CA	Paul Hooper
476	Ligand Pharmaceuticals Inc.	Biotechnology/pharmaceutical	129%	La Jolla	CA	John Higgins
477	GSOFT	Software	129%	Montréal	QC	Simon De Baene
478	Allied Motion Technologies Inc.	Electronic devices/hardware	128%	Amherst	NY	Dick Warzala
479	Newforma, Inc.	Software	127%	Manchester	NH	Ian Howell
480	SmartDrive Systems	Software	127%	San Diego	CA	Steve Mitgang
481	Real Estate Webmasters	Software	127%	Nanaimo	BC	Morgan Carey
482	ClearStar, Inc.	Software	127%	Alpharetta	GA	Robert J. Vale, Jr.
483	Benefitfocus, Inc.	Software	127%	Charleston	SC	Shawn Jenkins
484	CMC	Software	125%	Wilmington	DE	Ray Peloso
485	RDC	Software	125%	King of Prussia	PA	Tom Obermaier
486	Klick	Digital content/media/entertainment	125%	Toronto	ON	Leerom Segal
487	Cvent	Software	125%	Tysons Corner	VA	Reggie Aggarwal
488	Imperva, Inc.	Software	125%	Redwood Shores	CA	Anthony Bettencourt
489	Ambarella, Inc.	Semiconductors	124%	Santa Clara	CA	Fermi Wang
490	Omeros Corporation	Biotechnology/pharmaceutical	124%	Seattle	WA	Gregory A. Demopoulos
491	Prodege/Swagbucks	Digital content/media/entertainment	124%	El Segundo	CA	Chuck Davis

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492	Impiger Technologies, Inc.	Software	124%	Richardson	TX	Jude Ramayya
493	Nintex	Software	123%	Bellevue	WA	John Burton
494	Mashable	Digital content/media/entertainment	123%	New York	NY	Pete Cashmore
495	Mogo Finance Technology Inc.	Software	123%	Vancouver	BC	David Feller
496	Q4 Inc.	Software	122%	Toronto	ON	Darrell Heaps
497	Eventbase Technology Inc.	Software	121%	Vancouver	BC	Jeff Sinclair
498	Cynosure, Inc.	Medical Devices	121%	Westford	MA	Michael Davin
499	Angie's List, Inc.	Software	121%	Indianapolis	IN	Scott A. Durchslag
500	Black Mountain Systems, LLC	Software	121%	San Diego	CA	Kevin MacDonald; Andrew Horwitz

Selection and qualifying criteria

Technology Fast 500 provides a ranking of the fastest growing technology, life sciences, and energy tech companies—both public and private—in North America. Technology Fast 500 award winners for 2016 are selected based on percentage fiscal year revenue growth during the period from 2012 to 2015.

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 operating revenues of at least \$50,000 USD, and current-year operating revenues of at least \$5 million USD. Additionally, companies must be in business for a minimum of four years, and be headquartered within North America.

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

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