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DELOITTE  
TECHNOLOGY  
FAST 500

# Deloitte Technology Fast 500



# 2003

Annual list of the fastest growing  
technology companies in North America

**Deloitte.**

## Research and Eligibility

The Deloitte Technology Fast 500 list is the result of research on technology companies. Sources for public and private companies that make the list include public company databases, Deloitte's 20 regional Technology Fast 50 programs in North America and direct nominations.

To be eligible for the Technology Fast 500, a company must meet the following criteria:

1. Be a technology company, defined as a company that owns proprietary technology that contributes to a significant portion of the company's operating revenues; or devotes a significant proportion of revenues to the research and development of technology. Using other companies' technology in a unique way does not qualify.
2. Meet minimum operating revenue requirements:
  - 1998 operating revenues must be at least \$50,000 USD or \$75,000 CD.
  - 2002 operating revenues must be at least \$1 million USD or CD.
3. Be in business a minimum of five years.
4. Be headquartered in the United States or Canada.

**Fast 500 Companies**  
Average Percentage Growth Rate



## A Measured Approach to Growth

As the economy gradually begins to show signs of life, the 500 companies on the 2003 Deloitte Technology Fast 500 ranking showed that their long-term vision and steady focus were critical to their prevailing during the downturn. Indeed, the top five companies' growth during the tough times can be attributed to unique business models adopted at their founding — approaches that ran counter to the "grow fast and cash out" model common during the boom, but that became key when the economy declined. These long-term strategies continue to move them forward in a more conservative economic recovery.

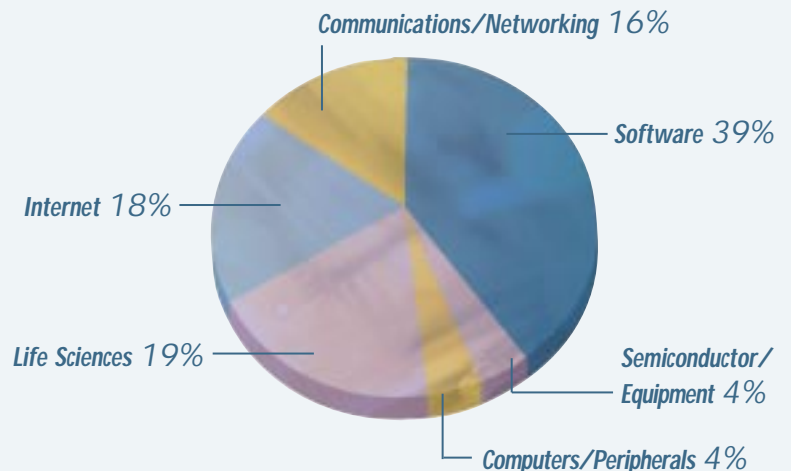
The Deloitte Technology Fast 500 recognizes North America's fastest growing technology companies in terms of revenue growth over five years.

The top five companies enjoyed an average revenue growth rate over five years of 177,851 percent — an enormous accomplishment during challenging times. Growth as a whole for our Fast 500 companies declined from last year's average of 6,772 to 5,493 percent, again a reflection of a more measured approach to growth.

## The Top Five

Topping the 2003 Technology Fast 500 is TheraSense, Inc., a developer and seller of glucose self-monitoring systems that reduce the pain of testing for people with diabetes. Based in Alameda, Calif., TheraSense earned \$177,708,000 in revenues

**Fast 500 Companies by Industry Segment**



in 2002, up an astounding 296,080 percent from 1998 revenues of \$60,000.

PAETEC Communications, Inc., a telecommunications company based in Fairport, N.Y., and a former Deloitte Rising Star, came in second on the list, with revenues of \$289,202,000 in 2002, a jump of 192,701 percent over five years from 1998 revenues of \$150,000.

In third place is Z-Tel Technologies, Inc., also a telecommunications company, based in Tampa, Fla. Z-Tel Technologies posted \$235,255,000 in revenues in 2002, 167,939 percent higher than its 1998 \$140,000 revenues.

Fourth place is held by webMethods, Inc., a provider of infrastructure software and services for business integration. The Fairfax, Va.-based company reported revenues of \$195,996,000 in 2002, a leap of 118,685 percent from 1998 revenues of \$165,000.

Advertising.com, Inc., a digital advertising company based in Baltimore, Md., is fifth on the list with 2002 revenues of \$74,066,000. This is 113,848 percent higher than its \$65,000 of revenues in 1998.

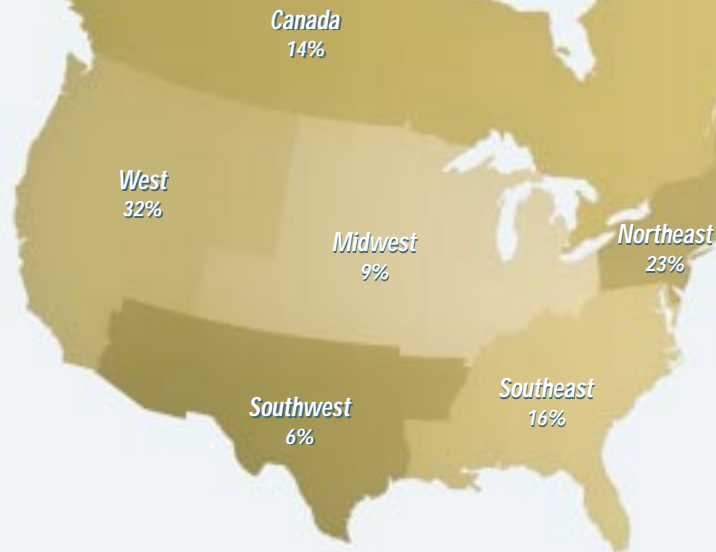
Given the difficulties in the telecommunications sector, it is noteworthy that two of the top five companies are in that segment.

### Fast Highlights

While only one software company is in the top 10, software companies still dominate the Fast 500 list as a whole, numbering 197, or 39 percent, in 2003 down from 49 percent last year. And again, life sciences follows as the second most popular industry segment, increasing to 19 percent from 16 percent last year. Internet companies rose to third place this year with 18 percent, up from 10 percent in 2002. They are followed by communications/networking companies at 16 percent, up from 15 percent in 2002. Computers/peripherals and semiconductor/equipment industries each accounted for 4 percent of the companies on this year's list.

Geographically, Fast 500 companies were fairly consistent with last year. The West still dominates with the most Fast 500 companies — 32 percent — with California home to 126 of them. The Northeast again follows with 23 percent, followed by the Southeast (16 percent), Canada (14 percent), the Midwest (9 percent), and the Southwest (6 percent). The Southeastern region, however, reported the largest average growth in revenue at 9,209 percent.

### Fast 500 Companies by Region



Slightly fewer are public companies this year — 62 percent of companies compared to last year's 65 percent. Their average revenue growth is higher than private companies on the list: 6,164 percent, compared with 4,407 percent.

Twelve companies on this year's Fast 500 reported more than \$1 billion in revenues, two less than last year. The top revenue producer is Sanmina-SCI Corporation, a semiconductor company based in San Jose, Calif., at Number 344, with \$8.8 billion.

### Repeat Record Holder

It is not unusual for companies to appear on the Fast 500 list from year to year, but it does get more and more difficult to repeat, as strong revenue growth usually results in a higher baseline year for the following year's calculation. Only one company is a nine-time winner, appearing every year since the Fast 500 was established in 1995. That company is VERITAS Software Corporation. Founded in 1989 and headquartered in Mountain View, Calif., VERITAS is a leading provider of storage management software for data protection, application availability and disaster recovery. VERITAS ranks 404 on the 2003 list with \$1.5 billion in revenues, reflecting a growth rate of 614 percent over five years.

**1 THERASENSE, INC.**



Anyone who lives with diabetes knows how trying and painful the testing regimen can be. So, it's no surprise that a company with a product that reduces the pain would grow fast. And, that's the story of TheraSense Inc. The company, whose name derives from "therapeutic sensors," was founded in 1996 by Dr. Adam Heller and Ephraim Heller based on Dr. Heller's Wired Enzyme Technology, a glucose measurement process that changes biochemical concentrations to electrical signals. TheraSense chemist Dr. Ben Feldman then developed a method of glucose measurement that led to the company's first product, the FreeStyle Blood Glucose Monitoring System, which allows diabetics to measure glucose in smaller amounts of blood, resulting in less pain.

TheraSense's 1998 revenues of \$60,000 have since increased to more than \$177 million in 2002, a leap of 296,080 percent. Mark Lortz, the company's CEO, acknowledged that there were some tough challenges on the way. "Our real challenge early on was staying focused on developing our product while also building the infrastructure of our company," he

said. "It was like trying to ride a bicycle while still putting it together."

TheraSense has built a holistic product line to accompany FreeStyle, including the FreeStyle Tracker, a PDA-like device that helps patients better manage their disease through information and behavior modification; and FreeStyle CoPilot, an online management system. "They allow both people with diabetes and their doctors to better manage the data associated with various aspects of diabetes," said Lortz.

The company is also working on Navigator, a continuous glucose monitoring device, and has a number of other diabetes products in the development pipeline. They're also looking into how their platform can be used for other disease states.

TheraSense is in 40 countries, so the big challenge, Lortz says, is to maintain their current flexibility and aggressiveness as they grow, without jeopardizing the company's financial well being. "We need to remain flexible while maintaining our momentum."

**W. Mark Lortz, Chairman, President and CEO**

**Headquarters:** Alameda, CA

**www.therasense.com**

**Five-Year Revenue Growth:** 296,080%



**2 PAETEC COMMUNICATIONS, INC.**



While most telecom companies have been grimacing through tough times, PAETEC Communications has been racking up customers' smiles and growing the business. Founded in 1998 by Arunas Chesonis, the company earned \$150,000 its first year and a whopping \$23 million the following year. Five years after its launch, revenues hit over \$289 million, thanks to two things, says Chesonis, a highly experienced staff and a long-term strategic view. At a time when others were entering telecom with the idea that they'd get acquired and cash out, PAETEC chose to identify a market in need — the medium-sized business user — and focus on service.

"Five years ago, we didn't see a telecom company that mid-sized companies would either like to do business with or that employees would like to work for. We wanted to create the Nordstrom of service to mid-size customers like hospitals and universities who hadn't been catered to like that," said Chesonis. "We weren't going to be the biggest or the cheapest, but we'd be the most service-oriented toward the customers as well as our employees."

The result is the lowest industry churn rate for their mid-size customer base — enabling them to save money on customer acquisition and reinvest in their current customers — and the ability to drive more business from those customers.

Chesonis said the privately held company has hit its five-year plan. "We're at the top of the curve, but we still have so many more things we can accomplish as a company," he said. One recent accomplishment is PAETEC's ISO 9002 certification, giving them the distinction of being the only certified CLEC/IXC in the country. The company also completed four successful "practice" acquisitions, totaling about 12 percent of its revenues. "We wanted to test how we'd extract value from and integrate the acquisitions," he said. "We're ready to do larger ones in the future."

Chesonis' philosophy is to keep planning for the future. "With the core business growing and stable long-term, more new options will come our way."

**Arunas Chesonis, Chairman, President and CEO**

**Headquarters:** Fairport, NY

**www.paetec.com**

**Five-Year Revenue Growth:** 192,701%



**3 Z-TEL TECHNOLOGIES, INC.**



Timing, they say, is everything. For Z-Tel Technologies, it really was everything. Z-Tel was born as a software company, the third start up for CEO D. Gregory Smith, who had a passion for tying real-time systems to traditional dial tone so residential and business users could have a more personal, intuitive phone service experience. Then came the passage of the Telecommunications Act of 1996, which established the Unbundled Network Element-Platform, or UNE-P. For the first time, this allowed competitive telecom companies to provide phone service to end-users over incumbent local telephone service providers' networks.

So, the software company became a telephone service provider, layering its proprietary software applications on top of the existing phone network, enabling it to offer its own bundled services to customers.

It proved to be a smart move. Now offering residential and commercial telephony services in 47 states, including wholesale services to Sprint and MCI, Z-Tel increased revenues 167,939 percent from \$140,000 in 1998 to more than \$235 million in 2002.

And, they did it during a downturn in the telecom industry that sent

others into bankruptcy. "A lot of start ups built their own networks before getting customers, so they were burdened by debt and went under," said Smith. "We lease the necessary facilities and layer enhanced services like our Personal Voice Assistant, on top, and we have little long-term debt as a result."

Z-Tel uses those enhanced services to battle churn. "Offer an address book, distribution lists and other personalized services, and you have a retention tool," said Smith. "Customers are going to be hard pressed to find its equivalent from another provider," he said. "That's our sweet spot."

While the focus has been on residential customers, Z-Tel is putting increased resources into the business sector. "With a large footprint and our wholesale capabilities, we can go into multi-location businesses with a complete managed approach," Smith said. "We're also interested in partnering to build voice over IP and are looking into wireless services. We want to build an integrated communications system for our customers that keep them loyal to us and us to them."

**D. Gregory Smith, Chairman, President and CEO**

**Headquarters:** Tampa, FL

**www.z-tel.com**

**Five-Year Revenue Growth:** 167,939%



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## WEBMETHODS, INC.



Before the term "web services" was coined, the tech industry — including Microsoft — was calling the nascent sector "web methods." So, naturally, a pioneer in the field took it as its company name. Founded in 1996, webMethods now boasts more than 850 employees, 38 offices on five continents and 950-plus blue-chip customers. It's the leading provider of integration software, with its Integration Platform, Workflow, Manager and Business Activity Monitoring products. Five years ago, its revenues were \$165,000. In 2002, the company posted revenues of almost \$196 million, not bad for a company that started out with a blank sheet of paper, a few computers and a desk from Price Club.

"The thing about the technology industry is that there's so much noise and activity, finding a way to rise above it is the challenge," said chairman and CEO Phillip Merrick. "One of the ways we did it was to put huge amounts of effort beyond creating great technology to make sure we were making our customers successful with our products and services."

Merrick's philosophy — putting customers first; treating customers, colleagues, and suppliers alike a la the "golden rule;" and running the company as openly and with all the integrity that can be mustered — has helped the company grow during an uncertain market. It also earned them an exceptional ranking by Institutional Shareholder Services. According to ISS, webMethods outperformed 97 percent of the companies in the Software and Services Group and 93 percent of the companies in the Russell 3000 Index for effective corporate governance practices.

Merrick considers himself a "realistic optimist," noting that integration is one of the highest priorities of CIOs and CTOs. The company is pursuing a new area, business activity monitoring, which along with business process management gives organizations a real-time view of what's happening in their business. "We call it Global Business Visibility," said Merrick. "It's a logical extension of what we've been doing, so we're putting a lot of emphasis in that area."

"We're in a terrific market," he adds. "We believe that by doing things the right way and keeping customer success as our first priority, we're building a strong foundation for the future."

**Phillip Merrick**, Chairman and CEO

**Headquarters:** Fairfax, VA

**www.webmethods.com**

**Five-Year Revenue Growth:** 118,685%



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## ADVERTISING.COM, INC.

It was an odd idea for an Internet advertising model during the heyday of the dot.com era — getting paid only when the advertiser got its customer and, in turn, paying network publishers per ad impressions. But with an optimization technology called AdLearn that used an advanced algorithm to identify the most promising audience and adjust the ad placement accordingly, brothers Scott and John Ferber were convinced that they had a model that was ahead of its time. And, so, in 1998, Advertising.com was launched.

"We were rejected a lot at first," recalled Scott Ferber, the company's CEO. "But it was such a rational concept we knew it would make sense. The key was to have enough yield to make money for the publishers. It was a novel idea. No one was doing it."

In Advertising.com's first year, revenues were all of \$65,000. But the company focused on building a network infrastructure and getting its first clients. "The payoff is a network serving over 10 billion impressions a month across more than 1,900 sites in the United States and Europe," said Ferber. And, the model doubters initially rejected became Advertising.com's saving grace when the dot.com bubble burst. "The recession hit, and we grew," he said. In 2002, the company reported more than \$74 million in revenues, a leap over five years of 113,848 percent.

Ferber explained that Advertising.com intends to be the source for performance-based marketing for online advertisers and publishers. "For us, that means we're a one-stop shop for multi-platform marketing. Our goal is to provide the consumer with advertising that's relevant."

The company, which currently focuses on permission-based email, search, and web marketing, is looking into a variety of new forms of digital possibilities, including cell phones, digital billboards, digital television, ATM machines and cash registers. "If it's digital or interactive, we're going after it," said Ferber.

**Scott Ferber**, CEO

**Headquarters:** Baltimore, MD

**www.advertising.com**

**Five-Year Revenue Growth:** 113,848%



## On the Horizon: Rising Stars



The Deloitte Technology Fast 500 also recognizes North America's 25 fastest growing young technology companies. These companies on the rise have met the same criteria as the Fast 500, but have been in business a minimum of three years and less than five years. Revenue growth is based over three years (2000-2002).

- SMaL Camera Technologies**  
Cambridge, MA  
Maurizio Arienzo, Ph.D.  
3-yr Growth: 12,924%
- marketRx, Inc.**  
Bridgewater, NJ  
Jaswinder S. Chadha  
3-yr Growth: 11,725%
- CharterAuction.com**  
Quincy, MA  
Nathan W. Mckelvey  
3-yr Growth: 8,717%
- SeamlessWeb Professional Solutions, Inc.**  
New York, NY  
Jason R. Finger  
3-yr Growth: 7,859%
- iPhrase Technologies, Inc.**  
Cambridge, MA  
Joseph Krivickas  
3-yr Growth: 3,619%
- BAM! Entertainment, Inc.**  
San Jose, CA  
Raymond C. Musci  
3-yr Growth: 3,584%
- NexTag**  
San Mateo, CA  
Purnendu Ojha  
3-yr Growth: 3,230%
- Creditex, Inc.**  
New York, NY  
Sunil Hirani  
3-yr Growth: 2,874%
- Return Path, Inc.**  
New York, NY  
Matthew Blumberg  
3-yr Growth: 2,567%
- Medidata Solutions, Inc.**  
New York, NY  
Tarek Sherif  
3-yr Growth: 2,510%
- I-Behavior, Inc.**  
Harrison, NY  
Lynn Wunderman  
3-yr Growth: 2,170%
- NetBotz®, Inc.**  
Austin, TX  
Tom Goldman  
3-yr Growth: 1,986%
- BizNet Software, Inc.**  
Irving, TX  
George McMann  
3-yr Growth: 1,877%
- SinusPharma, Inc.**  
Carpinteria, CA  
John Wilczak  
3-yr Growth: 1,738%
- Ventus Networks**  
Old Greenwich, CT  
Keith Charette  
3-yr Growth: 1,661%
- GoldPocket Interactive, Inc.**  
Los Angeles, CA  
Scott Newman  
3-yr Growth: 1,571%
- Terion, Inc.**  
Plano, TX  
Ken Cranston  
3-yr Growth: 1,342%
- HouseValues, Inc.**  
Bellevue, WA  
Ian Morris  
3-yr Growth: 1,258%
- PriceGrabber.com**  
Culver City, CA  
Tamim Mourad  
3-yr Growth: 1,148%
- Quintum Technologies, Inc.**  
Eatontown, NJ  
Cheng T. Chen  
3-yr Growth: 1,140%
- Purcell Systems**  
Liberty Lake, WA  
Peter J. Chase  
3-yr Growth: 1,082%
- WebSurveyor Corporation**  
Herndon, VA  
Bruce Mancinelli  
3-yr Growth: 1,079%
- PharmaLinkFHI**  
Research Triangle Park, NC  
Albert J. Siemens, Ph.D.  
3-yr Growth: 1,053%
- Pinpoint Networks, Inc.**  
Durham, NC  
Jud Bowman  
3-yr Growth: 1,042%
- etrials**  
Morrisville, NC  
John Cline  
3-yr Growth: 1,017%

Rank	Company Name	Industry Type	98 Revenues (thousands)	02 Revenues (thousands)	5-year % Growth	City	State	CEO Name
1	TheraSense, Inc.	Life Sciences	\$60	\$177,708	296,080%	Alameda	CA	W. Mark Lortz
2	PAETEC Communications, Inc.	Communications/Networking	150	289,202	192,701%	Fairport	NY	Arunas Chesonis
3	Z-Tel Technologies, Inc.	Communications/Networking	140	235,255	167,939%	Tampa	FL	D. Gregory Smith
4	webMethods, Inc.	Software	165	195,996	118,685%	Fairfax	VA	Phillip Merrick
5	Advertising.com, Inc.	Internet	65	74,066	113,848%	Baltimore	MD	Scott Ferber
6	Overture Services, Inc.	Internet	822	667,730	81,132%	Pasadena	CA	Ted Meisel
7	FindWhat.com	Internet	59	42,805	72,451%	Fort Myers	FL	Craig Pizaris-Henderson
8	Sage Telecom, Inc.	Communications/Networking	268	187,637	69,914%	Allen	TX	Dennis Houlihan
9	At Road, Inc.	Communications/Networking	68	44,420	65,224%	Fremont	CA	Krish Panu
10	United Therapeutics Corporation	Life Sciences	54	30,120	55,678%	Silver Spring	MD	Martine Rothblatt, Ph.D., J.D., M.B.A.
11	Marvell Technology Group Limited	Communications/Networking	625	288,795	46,107%	Sunnyvale	CA	Sehat Sutardja
12	Plumtree Software, Inc.	Software	181	82,919	45,712%	San Francisco	CA	John Kunze
13	TouchTunes Music Corporation	Computer/Peripherals	72	23,758	32,897%	Las Vegas	NV	John Perrachon
14	MASCON Global Limited	Software	163	51,218	31,322%	Schaumburg	IL	Sandy Chandra
15	Internet Pictures Corp.	Software	77	22,413	29,008%	San Ramon	CA	Don Strickland
16	Continuous Computing Corporation	Communications/Networking	57	16,229	28,372%	San Diego	CA	Kenneth Kalb
17	Selectica, Inc.	Software	170	47,194	27,661%	San Jose	CA	Stephen Bennion
18	LendingTree, Inc.	Internet	409	111,406	27,139%	Charlotte	NC	Douglas Lebda
19	ViroLogic, Inc.	Life Sciences	102	25,261	24,666%	South San Francisco	CA	William Young
20	Capstone Turbine Corporation	Semiconductor/Equipment	84	19,529	23,149%	Chatsworth	CA	John Tucker
21	aQuantive Inc.	Software	599	132,650	22,045%	Seattle	WA	Brian McAndrews
22	DigitalThink, Inc.	Software	201	43,356	21,470%	San Francisco	CA	Michael Pope
23	Art.com	Internet	116	24,562	21,074%	Raleigh	NC	Joshua Chodniewicz
24	NetScreen Technologies	Communications/Networking	665	138,482	20,724%	Sunnyvale	CA	Robert Thomas
25	Valicert, Inc.	Internet	60	11,687	19,378%	Mountain View	CA	John Vigouroux
26	Adolor Corporation	Life Sciences	150	28,409	18,839%	Exton	PA	Bruce A. Peacock
27	GlobeTel Communications Corp.	Communications/Networking	66	11,690	17,612%	Miami	FL	Timothy M. Huff
28	Openwave Systems Inc.	Communications/Networking	2,205	364,832	16,446%	Redwood City	CA	Don Listwin
29	NexTrade Holdings Inc.	Software	101	15,512	15,258%	Clearwater	FL	Mark Yegge
30	Peopleclick, Inc.	Software	239	35,519	14,762%	Raleigh	NC	Stephen A. Sasser
31	Juniper Networks, Inc.	Internet	3,807	546,547	14,256%	Sunnyvale	CA	Scott Kriens
32	ITXC Corp.	Communications/Networking	1,891	268,382	14,093%	Princeton	NJ	Tom Evslin
33	Centillium Communications, Inc.	Communications/Networking	752	104,972	13,859%	Fremont	CA	Faraj Aalaei
34	Tridium, Inc.	Software	70	9,397	13,324%	Richmond	VA	John Petze
35	Extreme CCTV Inc.	Semiconductor/Equipment	138	17,649	12,689%	Burnaby	BC	Jack Gin
36	NetRatings, Inc.	Internet	237	29,706	12,434%	Milpitas	CA	William Pulver
37	Amaze Entertainment	Semiconductor/Equipment	102	11,807	11,475%	Kirkland	WA	Dan Elenbaas
38	Incurrent Solutions, Inc.	Software	113	12,938	11,350%	Parsippany	NJ	Dave Hickey
39	PaymentOne Corporation	Internet	118	13,449	11,297%	San Jose	CA	Joe Lynam
40	Pixelworks, Inc.	Semiconductor/Equipment	978	102,641	10,395%	Tualatin	OR	Allen Alley
41	Barcoding.com	Software	116	11,940	10,193%	Baltimore	MD	Jay Steinmetz
42	Youbet.com, Inc.	Internet	264	25,872	9,700%	Woodland Hills	CA	Charles F. Champion
43	Critical Path, Inc.	Software	897	87,133	9,614%	San Francisco	CA	Al Shipp
44	Ask Jeeves, Inc.	Internet	800	74,136	9,167%	Emeryville	CA	A. George Battle
45	Earth Search Sciences	Life Sciences	55	5,044	9,071%	Kalispell	MT	Larry Vance
46	TriPath Technology, Inc.	Semiconductor/Equipment	180	16,227	8,915%	San Jose	CA	Adya Tripathi, Ph.D.
47	Raindance Communications	Communications/Networking	675	60,651	8,885%	Louisville	CO	Nicholas Cuccaro
48	Digimarc Corp.	Software	984	86,617	8,703%	Tualatin	OR	Bruce Davis
49	SEQUENOM, Inc.	Life Sciences	351	30,885	8,699%	San Diego	CA	Toni Schuh, Ph.D.
50	QLT Inc.	Life Sciences	2,004	173,496	8,557%	Vancouver	BC	Paul Hastings

# Deloitte Technology Fast 500

## 2003

### 51-100

Rank	Company Name	Industry Type	98 Revenues (thousands)	02 Revenues (thousands)	5-year % Growth	City	State	CEO Name
51	iBasis, Inc.	Communications/Networking	\$1,978	\$164,942	8,239%	Burlington	MA	Ofer Gneezy
52	Apogee Technology, Inc.	Semiconductor/Equipment	61	5,061	8,197%	Norwood	MA	Herbert Stein
53	Register.com, Inc.	Software	1,319	106,288	7,958%	New York	NY	Peter Forman
54	Allegiance Telecom, Inc.	Communications/Networking	9,786	770,982	7,778%	Dallas	TX	Royce Holland
55	Cray Inc.	Computer/Peripherals	1,988	155,069	7,700%	Seattle	WA	James E. Rottsolek
56	Aether Systems, Inc.	Software	1,512	116,531	7,607%	Owings Mills	MD	David Oros
57	Schema Inc.	Software	254	19,545	7,595%	Rochelle Park	NJ	Joseph Ben-Dov
58	EasyLink Services Corporation	Communications/Networking	1,495	114,354	7,549%	Piscataway	NJ	Thomas Murawski
59	SonoSite, Inc.	Life Sciences	973	73,035	7,406%	Bothell	WA	Kevin M. Goodwin
60	RiskMetrics Group, Inc.	Software	401	29,579	7,276%	New York	NY	Ethan Berman
61	Covad Communications Grp.	Communications/Networking	5,326	383,496	7,100%	Santa Clara	CA	Charles E. Hoffman
62	edocs, Inc.	Software	480	34,511	7,090%	Natick	MA	Kevin Laracey
63	MindShare Design, Inc.	Internet	77	5,536	7,090%	San Francisco	CA	Steve Smith
64	Blast Radius Inc.	Internet	316	22,640	7,065%	Vancouver	BC	Gurval Caer
65	Burke Consortium, Inc.	Internet	139	9,875	7,004%	Alexandria	VA	Janey Nodeen
66	WebEx Communications, Inc.	Internet	1,987	139,861	6,939%	San Jose	CA	Subrah Iyar
67	Epoch Biosciences, Inc.	Life Sciences	160	11,226	6,916%	Bothell	WA	William Gerber
68	InterNAP Network Services	Internet	1,957	132,487	6,670%	Atlanta	GA	Gregory A. Peters
69	The Planet Internet Services, Inc.	Internet	73	4,899	6,611%	Dallas	TX	Peter Pathos
70	Haemacure Corporation	Life Sciences	318	21,318	6,604%	Montreal	QC	Marc Paquin
71	ID Biomedical Corp.	Life Sciences	168	10,885	6,379%	Vancouver	BC	Anthony F. Holler, M.D.
72	Vesta Corp.	Internet	5,035	323,740	6,330%	Portland	OR	Douglas Fieldhouse
73	Universal Access Global Holdings	Communications/Networking	1,629	101,155	6,110%	Chicago	IL	Randall R. Lay
74	Pinnacor Inc.	Software	568	34,566	5,986%	New York	NY	Kirk Loevner
75	The SCO Group, Inc.	Software	1,057	64,241	5,978%	London	UT	Darl C. McBride
76	BioSphere Medical, Inc.	Life Sciences	202	12,152	5,916%	Rockland	MA	Paul Looney
77	Nomadix, Inc.	Communications/Networking	69	4,037	5,751%	Westlake Village	CA	Patrick Parker
78	KBACE Technologies, Inc.	Software	222	11,932	5,275%	Bedford	NH	Edward Lazzari
79	Docent, Inc.	Software	541	27,792	5,037%	Mountain View	CA	R. Andrew Eckert
80	IntelliReach Corporation	Software	70	3,579	5,013%	Dedham	MA	Sam Levine
81	GAITS, Inc.	Communications/Networking	114	5,667	4,871%	Springfield	VA	Thomas Asefi
82	Cortex Pharmaceuticals, Inc.	Life Sciences	130	6,432	4,848%	Irvine	CA	Roger G. Stoll, Ph.D.
83	Ektron, Inc.	Software	69	3,271	4,641%	Amherst	NH	William Rogers
84	XIOtech Corporation	Computer/Peripherals	1,542	72,247	4,585%	Eden Prairie	MN	Ken Hendrickson
85	Deltagen, Inc.	Life Sciences	381	17,690	4,543%	Redwood City	CA	Joseph Limber
86	Tellium Inc.	Communications/Networking	1,364	61,973	4,443%	Oceanport	NJ	Harry Carr
87	ActioNet, Inc.	Software	64	2,884	4,406%	Fairfax	VA	Ashley W. Chen
88	Magnet Communications	Software	344	15,123	4,296%	Atlanta	GA	Steve Gordon
89	ATX Communications, Inc.	Communications/Networking	6,713	293,721	4,275%	Bala Cynwyd	PA	Thomas Gravina
90	Corio, Inc.	Internet	1,292	56,144	4,246%	San Carlos	CA	George Kadifa
91	GoAmerica, Inc.	Communications/Networking	827	35,912	4,242%	Hackensack	NJ	Dan Luis
92	The Go Daddy Group, Inc.	Software	415	17,934	4,221%	Scottsdale	AZ	Bob Parsons
93	Triton PCS Holdings, Inc.	Communications/Networking	16,578	715,985	4,219%	Berwyn	PA	Michael Kalogris
94	Expedia, Inc.	Internet	13,827	590,598	4,171%	Bellevue	WA	Erik Blachford
95	Commerce One, Inc.	Internet	2,563	105,529	4,017%	Pleasanton	CA	Mark Hoffman
96	Dynex Power Inc.	Semiconductor/Equipment	969	38,365	3,859%	Ottawa	ON	Michael LeGoff
97	Tripwire, Inc.	Software	429	16,896	3,838%	Portland	OR	W. Wyatt Starnes
98	NetIQ Corporation	Software	7,070	278,239	3,835%	San Jose	CA	Charles Boesenberg
99	KANA Software, Inc.	Software	2,049	79,090	3,760%	Menlo Park	CA	Chuck Bay
100	Motive Communications, Inc.	Software	1,417	54,536	3,749%	Austin	TX	Scott Harmon

Canadian company revenues are stated in Canadian dollars.

Rank	Company Name	Industry Type	98 Revenues (thousands)	02 Revenues (thousands)	5-year % Growth	City	State	CEO Name
101	Cyber Merchants Exchange	Internet	\$66	\$2,465	3,635%	El Monte	CA	Frank Yuan
102	Silicon Genetics	Life Sciences	159	5,893	3,606%	Redwood City	CA	Saeid Akhtari
103	Universal Space Network, Inc.	Communications/Networking	188	6,960	3,602%	Newport Beach	CA	Thomas Ingersoll
104	eAutoclaims.com., Inc.	Internet	877	32,283	3,581%	Oldsmar	FL	Eric Seidel
105	WaveRider Communications Inc.	Internet	378	13,361	3,435%	Toronto	ON	D. Bruce Sinclair
106	SpectraSite Communications, Inc.	Communications/Networking	8,798	309,334	3,416%	Cary	NC	Stephen Clark
107	Cardiac Science	Life Sciences	1,437	50,043	3,382%	Irvine	CA	Raymond W. Cohen
108	Epicus Communications Group, Inc.	Communications/Networking	176	6,030	3,326%	West Palm Beach	FL	Gerard Haryman
109	Genta Incorporated	Life Sciences	105	3,559	3,290%	Berkeley Heights	NJ	Raymond P. Warrell, Jr., M.D.
110	Altiris Inc.	Software	1,862	62,876	3,277%	Lindon	UT	Greg Butterfield
111	Luminex Corporation	Life Sciences	386	13,008	3,270%	Austin	TX	Thomas W. Erickson
112	Mythic Entertainment	Software	702	23,153	3,198%	Fairfax	VA	Mark Jacobs
113	Audible, Inc.	Internet	376	12,370	3,190%	Wayne	NJ	Donald Katz
114	Silicon Laboratories	Semiconductor/Equipment	5,609	182,016	3,145%	Austin	TX	Navdeep Sooch
115	Cephalon, Inc.	Life Sciences	15,655	506,897	3,138%	West Chester	PA	Frank Baldino, Jr., Ph.D.
116	E-Travel Experts	Internet	387	12,494	3,128%	Eden Prairie	MN	Tom Doering
117	Sonic Innovations, Inc.	Life Sciences	2,143	68,018	3,074%	Salt Lake City	UT	Andrew G. Raguskus
118	Interwoven, Inc.	Software	4,003	126,832	3,068%	Sunnyvale	CA	Martin Brauns
119	OmniVision Technologies	Semiconductor/Equipment	1,476	46,518	3,052%	Sunnyvale	CA	Shaw Hong
120	VeriSign, Inc.	Software	38,930	1,221,668	3,038%	Mountain View	CA	Stratton Sclavos
121	Synhrgr HR Technologies, Inc.	Internet	1,568	48,255	2,977%	Houston	TX	David Carlson
122	dot com Entertainment Group	Software	180	5,505	2,958%	Oakville	ON	Scott White
123	Strategy First Inc.	Software	519	15,847	2,953%	Montreal	QC	Don McFatrige
124	ValueClick, Inc.	Internet	2,059	62,554	2,938%	Westlake Village	CA	James Zarley
125	CYA Technologies, Inc.	Software	80	2,423	2,929%	Trumbull	CT	Elaine S. Price
126	Boomerang Tracking Inc.	Communications/Networking	581	17,451	2,904%	Montreal	QC	Peter Lashchuk
127	Aerogen, Inc.	Life Sciences	85	2,532	2,879%	Mountain View	CA	Jane Shaw, Ph.D.
128	DOV Pharmaceutical, Inc.	Life Sciences	83	2,390	2,780%	Hackensack	NJ	Arnold S. Lippa, Ph.D.
129	iProspect, Inc.	Internet	213	6,091	2,760%	Arlington	MA	Fredrick Marckini
130	priceline.com Incorporated	Internet	35,237	1,003,606	2,748%	Norwalk	CT	Jeffery H. Boyd
131	Mediagrif Interactive Technologies	Internet	1,276	36,051	2,725%	Longueil	QC	Denis Gadbois
132	MUSICMATCH, Inc.	Internet	867	24,324	2,706%	San Diego	CA	Dennis Mudd
133	Quovadx, Inc.	Internet	2,270	63,658	2,704%	Englewood	CO	Lorine Sweeney
134	Ariba, Inc.	Internet	8,363	229,803	2,648%	Sunnyvale	CA	Robert M. Calderoni
135	ProClarity Corporation	Software	444	12,170	2,641%	Boise	ID	Bob Lokken
136	Fidelity National Information Solutions	Software	15,068	412,168	2,635%	Santa Barbara	CA	Patrick F. Stone
137	GiftCertificates.com	Internet	2,600	70,503	2,612%	Seattle	WA	Michael Ahern
138	OPEN incorporated	Software	72	1,937	2,590%	St. Paul	MN	Michael Vukovich
139	WorldLink, Inc.	Computer/Peripherals	72	1,906	2,547%	Richardson	TX	Adil Adi
140	Honeybee Technology Inc.	Internet	119	3,113	2,516%	Montreal	QC	Lino Matteo
141	Prometheus Laboratories Inc.	Life Sciences	2,623	68,159	2,499%	San Diego	CA	Michael J. Walsh
142	eBay Inc.	Internet	47,352	1,214,100	2,464%	San Jose	CA	Meg Whitman
143	Hydrogenics Corporation	Semiconductor/Equipment	986	24,875	2,423%	Mississauga	ON	Pierre Rivard
144	Intrinsyc Software International, Inc.	Software	563	14,175	2,418%	Vancouver	BC	Derek Spratt
145	ComGlobal Systems, Inc.	Software	1,119	28,083	2,410%	San Diego	CA	James Dean
146	Workstream Inc.	Internet	928	23,166	2,396%	Ottawa	ON	Michael Mullarky
147	Protein Polymer Technologies, Inc.	Life Sciences	121	3,012	2,389%	San Diego	CA	J. Thomas Parmeter, Ph.D.
148	Kaydara Inc.	Software	282	7,015	2,388%	Montreal	QC	Michel Besner
149	E.piphany, Inc.	Software	3,377	83,830	2,382%	San Mateo	CA	Roger Siboni
150	Current Analysis	Internet	790	19,600	2,381%	Sterling	VA	Jeffrey Swartz



# Deloitte Technology Fast 500

## 2003

### 151-200

Rank	Company Name	Industry Type	98 Revenues (thousands)	02 Revenues (thousands)	5-year % Growth	City	State	CEO Name
151	Perficient, Inc.	Software	\$826	\$20,464	2,377%	Austin	TX	John McDonald
152	Keynote Systems, Inc.	Internet	1,539	37,940	2,365%	San Mateo	CA	Umang Gupta
153	Vascular Solutions, Inc.	Life Sciences	494	12,101	2,350%	Minneapolis	MN	Howard Root
154	Retractable Technologies, Inc.	Life Sciences	846	20,316	2,301%	Little Elm	TX	Thomas J. Shaw
155	DreamCatcher Interactive Inc.	Software	1,446	34,628	2,295%	Toronto	ON	Richard Wah Kan
156	AEterna Laboratories Inc.	Life Sciences	4,305	101,204	2,251%	Quebec	QC	Gilles Gagnon
157	Diversa Corporation	Life Sciences	1,347	31,655	2,250%	San Diego	CA	Jay M. Short, Ph.D.
158	Sepracor Inc.	Life Sciences	10,209	238,968	2,241%	Marlborough	MA	Timothy Barberich
159	The TriZetto Group, Inc.	Software	11,431	265,150	2,220%	Newport Beach	CA	Jeffrey Margolis
160	Brocade Communications Systems, Inc.	Communications/Networking	24,246	562,369	2,219%	San Jose	CA	Gregory Reyes
161	Virage Logic Corporation	Semiconductor/Equipment	1,970	45,613	2,215%	Fremont	CA	Adam Kablanian
162	CoolSavings, Inc.	Internet	1,143	26,360	2,206%	Chicago	IL	Matthew Moog
163	Lexar Media, Inc.	Semiconductor/Equipment	7,609	174,039	2,187%	Fremont	CA	Eric Stang
164	Global HealthNet, Inc. (d.b.a. GHN-Online)	Internet	65	1,485	2,185%	Dallas	TX	Azadeh Farahmand
165	Digital River, Inc.	Internet	3,424	77,783	2,172%	Eden Prairie	MN	Joel Ronning
166	Brick Network	Internet	168	3,734	2,123%	St. Louis	MO	Daniel O'Sullivan
167	F5 Networks Inc.	Communications/Networking	4,889	108,266	2,114%	Seattle	WA	John McAdam
168	iDial Networks, Inc.	Internet	525	11,575	2,105%	The Woodlands	TX	Mark Wood
169	Novavax, Inc.	Life Sciences	681	15,005	2,103%	Columbia	MD	Nelson M. Sims
170	LivePerson, Inc.	Internet	379	8,234	2,073%	New York	NY	Robert LoCascio
171	Digirad Corporation	Life Sciences	1,921	41,532	2,062%	San Diego	CA	David Sheehan
172	Salix Pharmaceuticals, Inc.	Life Sciences	1,559	33,456	2,046%	Raleigh	NC	Carolyn Logan
173	ClassLink Technologies, LLC	Software	138	2,935	2,027%	Hoboken	NJ	Berj Akian
174	NetSol Technologies, Inc.	Software	169	3,578	2,017%	Calabasas	CA	Naeem Ghauri
175	DataCert, Inc.	Software	165	3,442	1,986%	Houston	TX	Eric M. Elfman
176	WIDCOMM Inc.	Software	338	7,016	1,976%	San Diego	CA	Hiep Pham
177	Invitrogen Corporation	Life Sciences	31,414	648,597	1,965%	Carlsbad	CA	Gregory Lucier
178	3t Systems	Software	450	9,187	1,942%	Denver	CO	Eddie Speir
179	True Automation Inc.	Software	87	1,750	1,911%	Plano	TX	Oswaldo Morales
180	Hybridon, Inc.	Life Sciences	1,475	29,606	1,907%	Cambridge	MA	Stephen Seiler
181	IntraLinks, Inc.	Internet	980	19,554	1,895%	New York	NY	Patrick Wack, Jr.
182	Color Kinetics Incorporated	Semiconductor/Equipment	1,016	20,166	1,885%	Boston	MA	George Mueller
183	Paradigm Genetics, Inc.	Life Sciences	871	17,183	1,873%	Research Triangle Pk.	NC	Heinrich Gugger, Ph.D.
184	Knowledge Anywhere	Internet	107	2,092	1,855%	Bellevue	WA	Charlie Gillette
185	Exelixis, Inc.	Life Sciences	2,272	44,322	1,851%	South San Francisco	CA	George A. Scangos, Ph.D.
186	Klick Communications Inc.	Software	234	4,549	1,844%	Toronto	ON	Peter Cordy
187	Pharsight Corporation	Life Sciences	736	14,249	1,836%	Mountain View	CA	Shawn M. O'Connor
188	ImageTrend, Inc.	Software	85	1,634	1,822%	Lakeville	MN	Mike McBrady
189	ImmunoGen, Inc.	Life Sciences	307	5,884	1,817%	Cambridge	MA	Mitchel Sayare, Ph.D.
190	BCE Emergis Inc.	Internet	28,421	539,900	1,800%	Toronto	ON	Tony Gaffney
191	WebMD Corporation	Software	48,838	925,877	1,796%	Elmwood Park	NJ	Roger C. Holstein
192	Medi, Inc.	Software	463	8,751	1,790%	Thousand Oaks	CA	David Bacon, Jr.
193	eCopy, Inc.	Software	903	16,943	1,776%	Nashua	NH	Edward Schmid
194	Extreme Networks, Inc.	Semiconductor/Equipment	23,579	441,609	1,773%	Santa Clara	CA	Gordon Stitt
195	BIOLASE Technology, Inc.	Life Sciences	1,465	27,257	1,761%	San Clemente	CA	Jeffrey Jones
196	iDirect Technologies	Communications/Networking	328	6,085	1,755%	Reston	VA	John Kealey
197	Columbia Data Products, Inc.	Software	475	8,812	1,755%	Altamonte Springs	FL	Alan Welsh
198	FreeMarkets, Inc.	Software	9,285	170,441	1,736%	Pittsburgh	PA	David McCormick
199	Orchid Biosciences, Inc.	Life Sciences	2,781	50,425	1,713%	Princeton	NJ	Paul J. Kelly, MBBS, M.D., FRACP
200	Segundo LLC	Software	60	1,078	1,697%	McLean	VA	Premi Hira

Canadian company revenues are stated in Canadian dollars.

Rank	Company Name	Industry Type	98 Revenues (thousands)	02 Revenues (thousands)	5-year % Growth	City	State	CEO Name
201	ActiveState Corp.	Software	\$371	\$6,640	1,690%	Vancouver	BC	Steve Munford
202	Foundry Networks, Inc.	Communications/Networking	17,039	300,742	1,665%	San Jose	CA	Bobby Johnson, Jr.
203	Dendreon Corporation	Life Sciences	866	15,269	1,663%	Seattle	WA	Mitchell H. Gold, M.D.
204	FISO Technologies Inc.	Communications/Networking	370	6,414	1,634%	Quebec	QC	Marc Girard
205	Espial Group Inc.	Software	196	3,394	1,632%	Ottawa	ON	Martin Leamy
206	SAVIS Communications	Communications/Networking	13,674	236,004	1,626%	Herndon	VA	Robert McCormick
207	Riptide Software, Inc.	Software	326	5,601	1,618%	Orlando	FL	Philip Loeffel
208	IGENE Biotechnology, Inc.	Life Sciences	204	3,492	1,612%	Columbia	MD	Michael G. Kimelman
209	LeapFrog Enterprises, Inc.	Software	31,129	531,772	1,608%	Emeryville	CA	Michael C. Wood
210	The Newberry Group, Inc.	Communications/Networking	374	6,371	1,603%	St. Charles	MO	Brenda Newberry
211	Telution, Inc.	Software	732	12,194	1,566%	Chicago	IL	Kent Steffen
212	Portal Software, Inc.	Software	9,416	154,790	1,544%	Cupertino	CA	John Little
213	BioMarin Pharmaceutical	Life Sciences	854	13,919	1,530%	Novato	CA	Fredric Price
214	Visual Technologies, Inc.	Software	156	2,540	1,528%	Hartford	CT	Richard L. Huebner
215	Refinery, Inc.	Internet	636	10,351	1,528%	Huntingdon Valley	PA	Andrew Sullivan
216	Innovative Technology Application, Inc.	Software	1,755	28,015	1,496%	Springfield	VA	Donald C. Brewster, Jr.
217	Apar Infotech Corporation	Software	3,250	51,494	1,484%	Canonsburg	PA	Rajeev Srivastara
218	Digital Insight Corp.	Internet	8,230	130,387	1,484%	Calabasas	CA	Jeffrey E. Stiefler
219	Casabyte Incorporated	Communications/Networking	458	7,251	1,483%	Renton	WA	John Read
220	EDEN Bioscience Corporation	Life Sciences	121	1,907	1,476%	Bothell	WA	Rhett Atkins
221	AirIQ Inc.	Communications/Networking	375	5,897	1,473%	Pickering	ON	Donald E. Simmonds
222	Lexicon Genetics Incorporated	Life Sciences	2,241	35,200	1,471%	The Woodlands	TX	Arthur T. Sands, M.D., Ph.D.
223	Emergent OnLine Inc.	Software	1,018	15,970	1,469%	Reston	VA	Paul Ghostine
224	PlayNetwork Incorporated	Software	594	9,308	1,467%	Redmond	WA	Adam Brotman
225	Maxygen, Inc.	Life Sciences	2,723	41,812	1,436%	Redwood City	CA	Russell J. Howard, Ph.D.
226	Geneca	Software	127	1,948	1,434%	Downers Grove	IL	Joel Basgall
227	Red Hat, Inc.	Software	5,156	78,910	1,430%	Raleigh	NC	Matthew Szulik
228	RITA Medical Systems, Inc.	Life Sciences	1,137	17,393	1,430%	Mountain View	CA	Joseph DeVivo
229	Oplink Communications, Inc.	Communications/Networking	2,493	37,939	1,422%	San Jose	CA	Joseph Y. Liu
230	SciQuest, Inc.	Software	478	7,221	1,411%	Morrisville	NC	Stephen Wiehe
231	Indigo Systems Corp.	Semiconductor/Equipment	1,985	29,862	1,404%	Goleta	CA	Dr. E. Tim Fitzgibbons
232	AnorMED Inc.	Life Sciences	351	5,224	1,388%	Langley	BC	Michael Abrams, Ph.D.
233	Active Power, Inc.	Semiconductor/Equipment	915	13,469	1,372%	Austin	TX	Joseph Pinkerton, III
234	Hubbard One	Software	545	8,011	1,370%	Chicago	IL	John D. Fish
235	Netegrity, Inc.	Software	4,791	69,264	1,346%	Waltham	MA	Barry Bycoff
236	Gilead Sciences, Inc.	Life Sciences	32,570	466,790	1,333%	Foster City	CA	John C. Martin, Ph.D.
237	System Management ARTS, Inc.	Software	2,816	40,194	1,327%	White Plains	NY	Shaula Alexander Yemini, Ph.D.
238	Optimal Robotics Corp.	Computer/Peripherals	8,332	118,907	1,327%	Montreal	QC	Neil Wechsler
239	Impact Blue Incorporated	Software	443	6,322	1,327%	Calgary	AB	Ryan McDonald
240	eCollege.com	Internet	1,665	23,692	1,323%	Denver	CO	Oakleigh Thorne
241	InfoSpace, Inc.	Communications/Networking	9,623	136,142	1,315%	Bellevue	WA	James Voelker
242	Triant Technologies Inc.	Software	470	6,547	1,293%	Nanaimo	BC	Robert Heath
243	Research in Motion	Computer/Peripherals	33,159	461,781	1,293%	Waterloo	ON	Jim Balsillie, Mike Lazaridis
244	Galt Associates, Inc.	Life Sciences	633	8,813	1,292%	Sterling	VA	Timothy Howard
245	InnaPhase Corporation	Software	942	13,039	1,284%	Philadelphia	PA	Jo Webber
246	Ixia	Communications/Networking	4,916	67,594	1,275%	Calabasas	CA	Errol Ginsberg
247	SonicWALL, Inc.	Communications/Networking	7,515	103,219	1,274%	Sunnyvale	CA	Matt Medeiros
248	j2 Global Communications	Communications/Networking	3,520	48,214	1,270%	Los Angeles	CA	Scott Jarus
249	Redback Networks Inc.	Communications/Networking	9,206	125,629	1,265%	San Jose	CA	Kevin A. DeNuccio
250	GRIC Communications, Inc.	Internet	2,549	34,681	1,261%	Milpitas	CA	Bharat Davé

# Deloitte Technology Fast 500

## 2003

### 251-300

Rank	Company Name	Industry Type	98 Revenues (thousands)	02 Revenues (thousands)	5-year % Growth	City	State	CEO Name
251	WorldGate Communications, Inc.	Communications/Networking	\$1,022	\$13,878	1,258%	Trevose	PA	Hal Krisbergh
252	Inspire Pharmaceuticals, Inc.	Life Sciences	360	4,883	1,256%	Durham	NC	Christy L. Shaffer, Ph.D.
253	TECSys Development, LP	Software	260	3,516	1,252%	Plano	TX	William Johnson
254	Wire One Technologies	Communications/Networking	6,136	82,748	1,249%	Hillside	NJ	Richard Reiss
255	Endocardial Solutions	Life Sciences	1,950	26,265	1,247%	St. Paul	MN	James Bullock
256	Ciphergen Biosystems	Life Sciences	2,933	39,300	1,240%	Fremont	CA	William E. Rich, Ph.D.
257	KOS Pharmaceuticals, Inc.	Life Sciences	13,038	172,693	1,225%	Miami	FL	Adrian Adams
258	Intelli-Check, Inc.	Software	86	1,139	1,224%	Woodbury	NY	Frank Mandelbaum
259	Network Engines, Inc.	Computer/Peripherals	1,102	14,534	1,219%	Canton	MA	John Curtis
260	DWL	Software	2,091	27,482	1,214%	Toronto	ON	John Baumstark
261	Internet Broadcasting Systems, Inc.	Internet	1,908	24,864	1,203%	Mendota Heights	MN	Tolman Geffs
262	Integrated Decisions & Systems Inc.	Software	740	9,574	1,194%	Bloomington	MN	Edwin Booth
263	CollaGenex Pharmaceutical	Life Sciences	3,461	44,619	1,189%	Newtown	PA	Brian M. Gallagher, Ph.D.
264	Princeton eCom Corporation	Internet	2,386	30,655	1,185%	Princeton	NJ	Craig Kirsch
265	Accrue Software, Inc.	Software	1,120	14,308	1,178%	Fremont	CA	Prashant Karnik
266	Vitria Technology, Inc.	Software	7,627	97,327	1,176%	Sunnyvale	CA	Gary Velasquez
267	Create!form International	Software	676	8,602	1,172%	Waltham	MA	Kurt Mueffelmann
268	ACD Systems International Inc.	Software	1,300	16,165	1,143%	Saanichton	BC	Mike Zelen
269	Neose Technologies, Inc.	Life Sciences	390	4,813	1,134%	Horsham	PA	C. Boyd Clark
270	Precise Software Solutions Ltd	Software	6,189	76,000	1,128%	Westwood	MA	Shimon Alon
271	RS Information Systems, Inc.	Software	15,504	190,254	1,127%	McLean	VA	Rodney P. Hunt
272	TeleConsultants Oracle Partners	Software	217	2,648	1,120%	Raleigh	NC	Nuria Suari
273	Vitrix, Inc.	Software	270	3,285	1,117%	Tempe	AZ	Thomas S. Bednarik
274	MAXIM Pharmaceuticals	Life Sciences	181	2,153	1,090%	San Diego	CA	Larry Stambaugh
275	NetReflector, Inc.	Internet	123	1,460	1,087%	Seattle	WA	Villette T. Nolon
276	Sybari Software	Software	2,480	28,663	1,056%	East Northport	NY	Robert Wallace
277	Corillian Corp.	Software	3,393	39,141	1,054%	Hillsboro	OR	Alex Hart
278	Infinite Computer Solutions	Software	3,959	45,554	1,051%	Germantown	MD	Sanjay Govil
279	NII Holdings, Inc.	Communications/Networking	67,903	780,373	1,049%	Reston	VA	Steven Shindler
280	Vertigo X Media	Software	260	2,986	1,048%	Montreal	QC	David Wilkins
281	Jupitermedia Corporation	Internet	3,544	40,697	1,048%	Darien	CT	Alan Meckler
282	Net2Phone, Inc.	Communications/Networking	12,006	137,855	1,048%	Newark	NJ	Stephen Greenberg
283	MQSoftware, Inc.	Software	1,632	18,630	1,042%	Minneapolis	MN	Bill Cecchi
284	Xybernaut Corporation	Computer/Peripherals	876	9,974	1,039%	Fairfax	VA	Edward Newman
285	I-trax Inc.	Software	348	3,932	1,030%	Philadelphia	PA	Frank Martin
286	MyFamily.com, Inc.	Internet	4,248	47,854	1,027%	Provo	UT	Tom Stockham
287	CardioDynamics International Corporation	Life Sciences	2,099	23,523	1,021%	San Diego	CA	Michael K. Perry
288	ARC Wireless Solutions	Communications/Networking	2,927	32,575	1,013%	Wheat Ridge	CO	Randall P. Marx
289	Omniture, Inc.	Internet	326	3,625	1,012%	Orem	UT	Josh James
290	Certicom Corp.	Software	1,739	19,312	1,011%	Mississauga	ON	Ian McKinnon
291	Surefire Commerce Inc.	Internet	7,112	78,823	1,008%	Westmount	QC	Rory Olson
292	SFBC International, Inc.	Life Sciences	5,870	64,740	1,003%	Miami	FL	Dr. Lisa Krinsky
293	LookSmart Ltd.	Internet	8,785	96,028	993%	San Francisco	CA	Jason Kellerman
294	Infowave Software Inc.	Software	262	2,860	992%	Burnaby	BC	George Reznik
295	Xantrex Technology Inc.	Semiconductor/Equipment	14,965	162,704	987%	Burnaby	BC	Mossadiq S. Umedaly
296	Coalescent Technologies Corporation	Software	2,301	24,724	974%	Orlando	FL	Kenneth Whitmore
297	Charles River Development	Software	2,898	31,035	971%	Burlington	MA	Peter Lambertus
298	SangStat Medical Corporation	Life Sciences	11,294	120,057	963%	Fremont	CA	Richard Murdock
299	Crossroads Systems, Inc.	Computer/Peripherals	3,209	33,988	959%	Austin	TX	Brian Smith
300	Protus IP Solutions Inc.	Software	925	9,724	951%	Ottawa	ON	Joseph Mour

Canadian company revenues are stated in Canadian dollars.

Rank	Company Name	Industry Type	98 Revenues (thousands)	02 Revenues (thousands)	5-year % Growth	City	State	CEO Name
301	Wireless Matrix Corp.	Communications/Networking	\$2,454	\$25,717	948%	Calgary	AB	John Herring
302	Silicon Image, Inc.	Semiconductor/Equipment	7,803	81,539	945%	Sunnyvale	CA	David D. Lee, Ph.D.
303	Raindrop Geomagic, Inc.	Software	300	3,107	936%	Research Triangle Pk.	NC	Ping Fu
304	The Singing Machine Co.	Computer/Peripherals	6,057	62,476	931%	Coconut Creek	FL	Edward Steele
305	Unity Wireless Corp.	Communications/Networking	456	4,699	930%	Burnaby	BC	Ilan Kenig
306	S1 Corporation	Internet	24,180	247,977	926%	Atlanta	GA	Jaime Ellerston
307	Isotechnika Inc.	Life Sciences	1,832	18,761	924%	Edmonton	AB	Dr. Robert Foster
308	MarketNet, Inc.	Internet	140	1,433	924%	Dallas	TX	Jill Bach
309	Catuity Inc.	Software	291	2,972	921%	Detroit	MI	Michael V. Howe
310	Envision Telephony, Inc.	Software	1,158	11,704	911%	Seattle	WA	Rodney Kuhn
311	Verus Incorporated	Software	255	2,544	898%	Bellevue	WA	Thomas Lawry
312	Dexma, Inc.	Internet	911	9,077	896%	Edina	MN	Stephen Mase
313	Agile Software Corp.	Software	8,003	77,771	872%	San Jose	CA	Bryan Stolle
314	Valley Oak Systems, Inc.	Software	742	7,204	871%	Alamo	CA	Randy Wheeler
315	Vignette Corporation	Software	16,205	155,138	857%	Austin	TX	Thomas E. Hogan
316	Unica Corporation	Software	2,158	20,648	857%	Waltham	MA	Yuchun Lee
317	EnTrac Technologies Inc.	Software	1,777	16,969	855%	Richmond Hill	ON	Gary Leng
318	TransDimension, Inc.	Semiconductor/Equipment	489	4,606	842%	Irvine	CA	Rick Goerner
319	American Tower Corporation	Communications/Networking	83,820	788,420	841%	Boston	MA	Steve Dodge
320	Intrasphere Technologies, Inc.	Software	2,499	23,502	840%	New York	NY	William Karl
321	Angiotech Pharmaceuticals Inc.	Life Sciences	780	7,330	840%	Vancouver	BC	William Hunter
322	Inex Pharmaceuticals Corp.	Life Sciences	851	7,985	838%	Burnaby	BC	David Main
323	Athenium	Software	158	1,480	837%	Weston	MA	Charles Dornbush
324	UTStarcom, Inc.	Communications/Networking	105,167	981,806	834%	Alameda	CA	Hong Liang Lu
325	SchoolLink, Inc.	Software	560	5,213	831%	Fayetteville	NC	Erik Wells
326	The Cobalt Group	Internet	6,245	58,086	830%	Seattle	WA	John Holt
327	Sportvision, Inc.	Internet	1,006	9,333	828%	Chicago	IL	Hank Adams
328	I/O Magic Corporation	Computer/Peripherals	9,070	83,530	821%	Santa Ana	CA	Tony Shahbaz
329	Glenbriar Technologies Inc.	Software	698	6,407	818%	Calgary	AB	Robert Matheson
330	Carmanah Technologies Inc.	Semiconductor/Equipment	706	6,469	816%	Victoria	BC	Art Aylesworth
331	MIICRO, Inc.	Life Sciences	250	2,288	815%	Chicago	IL	Dawn Matthews
332	Boom Vang Consulting, Inc.	Software	195	1,772	809%	Portland	OR	Chad Layman
333	American Megacom Inc.	Communications/Networking	244	2,213	807%	Livonia	MI	Jane Sydlowski
334	Softscape, Inc.	Software	1,093	9,907	806%	Wayland	MA	Hank Watkins
335	XO Communications	Communications/Networking	139,667	1,259,853	802%	Reston	VA	Carl Grivner
336	McDATA Corporation	Communications/Networking	36,548	328,279	798%	Broomfield	CO	John Kelley
337	NYFIX Inc.	Internet	6,235	55,812	795%	Stamford	CT	Peter Hansen
338	Digital Video Systems Inc.	Internet	17,638	157,214	791%	Palo Alto	CA	Douglas T. Watson
339	Altum, Incorporated	Software	305	2,717	791%	Chantilly	VA	Ken Fang
340	Mariner	Software	377	3,354	790%	Charlotte	NC	Philip W. Morris
341	QSS Group, Inc.	Communications/Networking	25,306	224,656	788%	Lanham	MD	Frank Islam
342	EDGAR Online, Inc.	Internet	1,822	16,171	788%	Norwalk	CT	Susan Strausberg
343	PrintCafe Software, Inc.	Software	5,242	46,521	787%	Pittsburgh	PA	Marc Olin
344	Sanmina-SCI Corporation	Semiconductor/Equipment	991,821	8,761,630	783%	San Jose	CA	Jure Sola
345	BioWare Corp.	Software	1,749	15,422	782%	Edmonton	AB	Ray Muzyka, M.D., Greg Zeschuk, M.D.
346	Websense, Inc.	Internet	6,919	60,965	781%	San Diego	CA	John Carrington
347	Frontline Communications Corporation	Internet	575	5,047	778%	Pearl River	NY	Stephen Cole-Hatchard
348	Strategic Vista International Inc.	Computer/Peripherals	3,408	29,795	774%	Markham	ON	Bernie Klein
349	Openface Inc.	Internet	366	3,170	766%	Montreal	QC	Tan Soamboonsrup
350	CMGI	Internet	81,916	707,770	764%	Andover	MA	George McMillan

Canadian company revenues are stated in Canadian dollars.

# Deloitte Technology Fast 500

## 2003

### 351-400

Rank	Company Name	Industry Type	98 Revenues (thousands)	02 Revenues (thousands)	5-year % Growth	City	State	CEO Name
351	Arrowhead Global Solutions	Communications/Networking	\$4,001	\$34,355	759%	McLean	VA	Mary Ann Elliot
352	SchoolNet, Inc.	Software	186	1,593	756%	New York	NY	Jonathan Harber
353	BriteSmile, Inc.	Life Sciences	4,609	39,323	753%	Walnut Creek	CA	John L. Reed
354	Cygnus Inc.	Life Sciences	457	3,854	743%	Redwood City	CA	John Hodgman
355	IntelliCare, Inc.	Software	890	7,500	743%	South Portland	ME	Victor Otley III
356	Streamserve, Inc.	Software	4,791	40,281	741%	Burlington	MA	Nick Earle
357	Caraco Pharmaceutical Laboratories Ltd.	Life Sciences	2,664	22,381	740%	Detroit	MI	Narendra N. Borkar
358	Whitehill Technologies Inc.	Software	967	8,116	739%	Moncton	NB	Paul McSpurren
359	Art Technology Group	Software	12,137	101,493	736%	Cambridge	MA	Bob Burke
360	SoftArtisans, Inc.	Software	359	2,993	734%	Brookline	MA	David Wihl
361	Digex, Incorporated	Internet	22,635	187,960	730%	Laurel	MD	George L. Kerns
362	Zi Corporation	Software	1,621	13,443	729%	Calgary	AB	Michael E. Lobsinger
363	CyberSource Corporation	Software	3,384	28,024	728%	Mountain View	CA	William McKiernan
364	CrunchTime! Information Systems, Inc.	Software	321	2,651	726%	Boston	MA	William Bellissimo
365	Absolute Software Corporation	Software	597	4,914	723%	Vancouver	BC	John Livingston
366	Vastera, Inc.	Software	9,324	76,378	719%	Dulles	VA	Mark J. Ferrer
367	RF Micro Devices, Inc.	Communications/Networking	45,350	369,308	714%	Greensboro	NC	Robert Bruggeworth
368	GoldNet Internet Solutions, Inc.	Internet	396	3,208	710%	Baltimore	MD	Jason Goldsmith
369	Amicas, Inc.	Software	671	5,430	709%	Boston	MA	Hamid Tabatabaie
370	Macgregor	Software	5,059	40,754	706%	Boston	MA	Steven Levy
371	Level 3 Communications, Inc.	Communications/Networking	392,000	3,148,000	703%	Broomfield	CO	James Q. Crowe
372	ACTV, Inc.	Software	1,406	11,287	703%	New York	NY	David Reese
373	Alacra, Inc.	Internet	1,157	9,286	703%	New York	NY	Steven Goldstein
374	Crown Castle International Corp.	Communications/Networking	113,078	901,533	697%	Houston	TX	John P. Kelly
375	Advanced Internet Technologies	Internet	2,915	23,176	695%	Fayetteville	NC	Clarence Briggs
376	Vie Financial Group, Inc.	Software	314	2,489	693%	Philadelphia	PA	Dean G. Stamos
377	Centra Software, Inc.	Software	4,226	33,400	690%	Lexington	MA	Paul Gudonis
378	TriPath Imaging, Inc.	Life Sciences	4,770	37,485	686%	Burlington	NC	Paul R. Sohmer, M.D.
379	Marlabs Inc.	Software	956	7,494	684%	Edison	NJ	Siby Vadakekkara
380	Unicru, Inc.	Software	2,703	21,141	682%	Beaverton	OR	Chris Marsh
381	Liberate Technologies	Software	10,293	80,323	680%	San Carlos	CA	Mitchell Kertzman
382	Kosan Biosciences Incorporated	Life Sciences	1,236	9,603	677%	Hayward	CA	Daniel V. Santi, M.D., Ph.D.
383	Bridges.com Inc.	Internet	2,393	18,533	674%	Kelowna	BC	John Simmons
384	EarthLink, Inc.	Internet	175,942	1,357,421	672%	Atlanta	GA	Charles Betty
385	Connected Corporation	Software	3,040	23,264	665%	Framingham	MA	Bob Brennan
386	Packeteer, Inc.	Internet	7,230	55,014	661%	Cupertino	CA	Dave Côté
387	ProfitLine, Inc.	Communications/Networking	760	5,775	660%	San Diego	CA	Rick Valencia
388	Versatile Mobile Systems Inc.	Software	2,151	16,195	653%	Vancouver	BC	John Hardy
389	Click Commerce, Inc.	Software	2,431	18,276	652%	Chicago	IL	Michael Ferro, Jr.
390	Videon Central, Inc.	Computer/Peripherals	488	3,658	650%	State College	PA	Todd Erdley
391	Alorica Inc.	Software	5,425	40,626	649%	Chino	CA	Andy Lee
392	Online Resources Corp.	Software	4,326	32,354	648%	McLean	VA	Matthew P. Lawlor
393	Belzberg Technologies Inc.	Software	3,976	29,594	644%	Toronto	ON	Sidney H. Belzberg
394	SI International, Inc.	Software	20,174	149,351	640%	Reston	VA	Ray Oleson
395	Biovail Corp.	Life Sciences	167,347	1,237,483	639%	Mississauga	ON	Eugene Melnyk
396	America's Choice Health Plans	Internet	1,328	9,807	638%	King of Prussia	PA	Clelland Green
397	Third Wave Technologies	Life Sciences	4,382	32,355	638%	Madison	WI	Lance Fors, Ph.D.
398	Quest Software, Inc.	Software	34,790	255,582	635%	Irvine	CA	Vincent Smith
399	Comm-Works, Inc.	Communications/Networking	2,802	20,562	634%	Minneapolis	MN	Todd Eberhardt
400	Ribapharm Inc.	Life Sciences	36,830	270,265	634%	Costa Mesa	CA	Kim D. Lamon, M.D., Ph.D.

Canadian company revenues are stated in Canadian dollars.

Rank	Company Name	Industry Type	98 Revenues (thousands)	02 Revenues (thousands)	5-year % Growth	City	State	CEO Name
401	Radical Entertainment	Software	\$2,577	\$18,895	633%	Vancouver	BC	Ian Wilkinson
402	GlobespanVirata, Inc.	Semiconductor/Equipment	31,464	228,868	627%	Red Bank	NJ	Armando Geday
403	Bioniche Life Sciences Inc.	Life Sciences	5,600	40,538	624%	Belleville	ON	Alberto Beraldo
404	VERITAS Software Corporation	Software	210,865	1,506,555	614%	Mountain View	CA	Gary Bloom
405	Mediacom Communications	Communications/Networking	129,297	923,033	614%	Middletown	NY	Rocco Commisso
406	Claimsnet.com	Internet	155	1,104	612%	Dallas	TX	Don Crosbie
407	Circuit Research Labs	Life Sciences	1,517	10,773	610%	Tempe	AZ	Charles Brentlinger
408	Celgene Corporation	Life Sciences	19,214	135,746	606%	Warren	NJ	John Jackson
409	Insight Communications	Communications/Networking	114,861	807,882	603%	New York	NY	Michael S. Willner
410	Cubist Pharmaceuticals, Inc.	Life Sciences	1,634	11,486	603%	Lexington	MA	Michael W. Bonney
411	MicroPact Engineering, Inc.	Software	347	2,421	598%	Herndon	VA	Kristoffer Collo
412	NLX Corporation	Software	11,173	77,890	597%	Sterling	VA	J. Anthony Syme
413	Minacs Worldwide Inc.	Software	35,977	250,245	596%	Toronto	ON	Elaine Minacs
414	TyMetrix, Inc.	Internet	1,011	7,001	592%	Hartford	CT	Robert E. Heinemann
415	EPam Systems, LLC	Software	1,324	9,152	591%	Princeton	NJ	Arkadiy Dobkin
416	NaPro BioTherapeutics Inc.	Life Sciences	4,952	34,193	590%	Boulder	CO	Leonard Shaykin
417	King Pharmaceuticals	Life Sciences	163,463	1,128,335	590%	Bristol	TN	Jefferson Gregory
418	Possis Medical, Inc.	Life Sciences	6,158	42,471	590%	Minneapolis	MN	Robert Dutcher
419	Network Presence	Internet	243	1,674	589%	Los Angeles	CA	Stanley A. Borinski
420	EPIX Medical, Inc.	Life Sciences	1,781	12,269	589%	Cambridge	MA	Michael Webb
421	Open Link Financial, Inc.	Software	9,054	62,285	588%	Uniondale	NY	Coleman Fung
422	Appareo Software Inc.	Software	1,316	9,049	588%	Burnaby	BC	Stuart McNeill
423	Transkaryotic Therapies, Inc.	Life Sciences	5,325	36,500	585%	Cambridge	MA	Michael Astrue
424	Granite Systems, Inc.	Software	3,011	20,446	579%	Manchester	NH	John Borden
425	Internet Security Systems, Inc.	Software	35,929	243,285	577%	Atlanta	GA	Thomas Noonan
426	Informatica Corporation	Software	28,895	195,441	576%	Redwood City	CA	Gaurav Dhillon
427	Tenrox Inc.	Software	928	6,274	576%	Laval	QC	Rudolf Melik
428	Ascentis Software Corporation	Software	172	1,158	573%	Bellevue	WA	Charles J. D'Ambrosia
429	MapFrame Corporation	Software	407	2,734	572%	Dallas	TX	Paul Wilson
430	Invision.com	Software	1,364	9,158	571%	Commack	NY	Tyler Roye
431	Integra LifeSciences Hldgs. Corp.	Life Sciences	17,561	117,822	571%	Plainsboro	NJ	Stuart M. Essig
432	MedSeek	Software	976	6,536	570%	Solvang	CA	Gale Wilson-Steele
433	ActivMedia Robotics, LLC	Computer/Peripherals	500	3,348	570%	Amherst	NH	Jeanne Dietsch
434	Martek Biosciences Corp.	Life Sciences	6,890	46,055	568%	Columbia	MD	Henry Linsert, Jr.
435	Finisar Corporation	Communications/Networking	22,067	147,265	567%	Sunnyvale	CA	Jerry S. Rawls
436	Open Software Solutions, Inc.	Software	2,561	17,083	567%	Greensboro	NC	J.A. Savage
437	Vasomedical Inc.	Life Sciences	5,225	34,830	567%	Westbury	NY	Gregory D. Cash
438	Discovery Partners International	Life Sciences	6,214	41,315	565%	San Diego	CA	Riccardo Pigliucci
439	PDF Solutions, Inc.	Software	6,589	43,724	564%	San Jose	CA	John Kibarian, Ph.D.
440	WatchGuard Technologies	Internet	11,379	75,500	564%	Seattle	WA	James A. Cady
441	Universal Display Corporation	Computer/Peripherals	369	2,446	563%	Ewing	NJ	Sherwin I. Seligsohn
442	Perseus Development Corporation	Software	611	4,023	558%	Braintree	MA	Richard Nadler
443	WTC Industries, Inc.	Life Sciences	3,786	24,882	557%	Egan	MI	James Carboni
444	Linksys	Computer/Peripherals	65,580	430,376	556%	Irvine	CA	Victor Tsao
445	CNSI	Software	7,106	46,392	553%	Rockville	MD	Promod Sharma
446	CSI Wireless	Communications/Networking	8,350	54,136	548%	Calgary	AB	Stephen Verhoeff
447	Fiberlink Communications Corporation	Communications/Networking	7,151	46,152	545%	Blue Bell	PA	James Sheward
448	Dataprise, Inc.	Communications/Networking	874	5,612	542%	Rockville	MD	David Eisner
449	Pegasus Solutions, Inc.	Software	29,708	189,950	539%	Dallas	TX	John Davis III
450	Pharmaceutical Resources	Life Sciences	59,705	381,603	539%	Spring Valley	NY	Kenneth Sawyer

Canadian company revenues are stated in Canadian dollars.

# Deloitte Technology Fast 500

## 2003

### 451-500

Rank	Company Name	Industry Type	98 Revenues (thousands)	02 Revenues (thousands)	5-year % Growth	City	State	CEO Name
451	Network Outsource, Inc.	Software	\$718	\$4,543	533%	New Hyde Park	NY	Adam Mahoney
452	Objectif Lune, Inc.	Software	680	4,302	533%	Montreal	QC	Didier Gombert
453	Information Systems Laboratories	Software	2,352	14,855	532%	San Diego	CA	R. Michael Dowe, Jr.
454	JDS Uniphase Corporation	Communications/Networking	175,801	1,098,200	525%	San Jose	CA	Kevin Kennedy, Ph.D.
455	Global Entertainment Holdings/Equities, Inc.	Software	981	6,121	524%	Miami	FL	Bryan Abboud
456	WorldQuest Networks, Inc.	Communications/Networking	1,841	11,470	523%	Dallas	TX	R. Stephen Polley
457	InVision Technologies, Inc.	Computer/Peripherals	70,494	439,131	523%	Newark	CA	Sergio Magistri, Ph.D.
458	Q-Med, Inc.	Life Sciences	2,046	12,745	523%	Eatontown	NJ	Michael W. Cox
459	Cygnal Technologies Corporation	Communications/Networking	24,553	152,665	522%	Markham	ON	Kieron J. Dowling
460	Integrated Defense Technologies, Inc.	Computer/Peripherals	48,994	304,361	521%	Huntsville	AL	Thomas Keenan
461	BEA Systems, Inc.	Software	157,189	975,893	521%	San Jose	CA	Alfred S. Chuang
462	TruSecure	Software	5,818	36,097	520%	Herndon	VA	John Becker
463	Virage, Inc.	Software	2,702	16,745	520%	San Mateo	CA	Paul G. Lego
464	Sterner Automation Ltd.	Software	562	3,473	518%	Toronto	ON	Christian Sterner
465	Eagle Broadband, Inc.	Communications/Networking	4,827	29,817	518%	League City	TX	Dave Weisman
466	Object Solutions	Software	356	2,192	516%	Plymouth	MN	Krishna Gupta
467	SpeechWorks International	Software	5,850	36,007	516%	Boston	MA	Stuart Patterson
468	Quorum Information Technologies Inc.	Software	1,283	7,883	514%	Calgary	AB	Maury Marks
469	Visual Circuits Corp.	Communications/Networking	1,498	9,192	514%	Minneapolis	MN	David Parish, Ph.D.
470	CIMA LABS Inc.	Life Sciences	7,612	46,625	513%	Eden Prairie	MN	Steven B. Ratoff
471	AnviCom Inc.	Communications/Networking	4,416	26,896	509%	Vienna	VA	Quan Hoang
472	Intelligent Software Solutions, Inc.	Software	362	2,204	509%	Colorado Springs	CO	Jay Jesse
473	Z Corporation	Computer/Peripherals	2,420	14,680	507%	Burlington	MA	Marina Hatsopoulous
474	Ultimus	Software	1,375	8,325	505%	Cary	NC	Rashid Khan
475	Viewpoint Corporation	Internet	3,001	18,139	504%	New York	NY	Jay S. Amato
476	Genaissance Pharmaceuticals, Inc.	Life Sciences	1,343	8,111	504%	New Haven	CT	Kevin Rakin
477	Global Science & Technology, Inc.	Software	5,896	35,591	504%	Greenbelt	MD	Chieh-san Cheng
478	Internet Specialties West, Inc.	Internet	593	3,572	502%	Agoura Hills	CA	Robert V. Johnson
479	Stericycle, Inc.	Life Sciences	66,681	401,519	502%	Lake Forest	IL	Mark C. Miller
480	RadView Software Inc.	Software	966	5,768	497%	Burlington	MA	Ilan Kinreich
481	Luminex Software, Inc.	Computer/Peripherals	1,143	6,807	496%	Riverside	CA	Arthur Tolsma
482	UnitedGlobalCom, Inc.	Communications/Networking	254,466	1,515,021	495%	Denver	CO	Gene Schneider
483	HealthTronics Surgical	Life Sciences	14,682	87,192	494%	Marietta	GA	Argil J. Wheelock, M.D.
484	InsWeb Corporation	Internet	4,309	25,555	493%	Gold River	CA	Mark P. Guthrie
485	Alogent Corporation	Software	3,420	20,253	492%	Alpharetta	GA	Brian Geisel
486	Cherokee Information Services	Software	4,994	29,533	491%	Arlington	VA	Michael Hodges
487	Smartsound Software, Inc.	Software	420	2,464	487%	Northridge	CA	Kevin Klingler
488	Authoria, Inc.	Software	4,191	24,397	482%	Waltham	MA	Tod Loofbourrow
489	Medarex, Inc.	Life Sciences	6,792	39,479	481%	Princeton	NJ	Donald L. Drakeman, J.D., Ph.D.
490	Connetics Corporation	Life Sciences	9,121	52,763	478%	Palo Alto	CA	Thomas G. Wiggans
491	ORTHOsoft Inc.	Software	2,335	13,492	478%	Montreal	QC	Louis-Philippe Amiot, M.D.
492	VINA Technologies Inc.	Communications/Networking	4,393	25,143	472%	Newark	CA	W. Michael West
493	Aastra Technologies Ltd.	Computers/Peripherals	37,173	212,672	472%	Concord	ON	Francis Shen
494	Optimal Solutions Integration, Inc.	Software	3,810	21,782	472%	Irving	TX	Gurvendra Suri
495	Metro One Telecommunications, Inc.	Communications/Networking	45,139	257,951	471%	Beaverton	OR	Timothy Timmins
496	Tyler Technologies, Inc.	Software	23,440	133,897	471%	Dallas	TX	John M. Yeaman
497	CoStar Group, Inc.	Internet	13,900	79,363	471%	Bethesda	MD	Andrew C. Florance
498	Time Warner Telecom Inc.	Communications/Networking	121,872	695,574	471%	Littleton	CO	Larissa Herda
499	GRT Corporation	Software	1,824	10,398	470%	Stamford	CT	Gene Shklover, Ph.D.
500	Ballard Power Systems Inc.	Communications/Networking	25,078	142,807	469%	Burnaby	BC	Dennis Campbell

Canadian company revenues are stated in Canadian dollars.

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