

because you can.

One of the wonderful things about starting any new venture is the freedom. To have big ideas, breathe life into them, and build them. From scratch. That freedom is appealing, but exists – practically speaking – for relatively few.

Until now.

Because whether you're two friends tinkering in a garage, or you work inside one of the most venerable enterprises on earth, the rise of a globally connected world offers a truly rare opportunity: the chance to start something totally new.

This is what we believe at IBM. And it is the core idea we are taking to customers (and pursuing ourselves): how to seize this unique moment and rethink what you do, reconceive what you offer and, along the way, reinvent who you are.

Start up. In the networked world, everyone can. The details are unique for each customer. But the steps – the basics of e-business – are surprisingly consistent. We think there are five. They're also a way of understanding what we're doing, investing in and building across IBM today. It all begins with a commitment, a decision to...

1. Join the MEME

A few years ago, it was clear the Net was coming. But at that time it wasn't clear if it would be much more than a planetary chat room and an electronic newsstand. However, back then, IBM was saying the Net would become much more than those things. We said that it would not just change technology. It would spark an allout revolution in the way the world works.

Many of our customers held the same view. They saw a chance to reinvent everything from the way governments deliver services to citizens and students access the wisdom of university faculties, to the way physicians treat patients and enterprises of all kinds serve customers of all kinds.

It's a powerful idea. And like all new ideas, you can ponder it and possibly miss something big. Or you can start experimenting, learn, and push it for all it's worth. You can be part of the movement.



consider the facts

The Internet is the epicenter of change today...

It took radio nearly 40 years to reach 50 million people. TV took 13 years. Cable TV, 10. Not six years after the birth of the World Wide Web, more than 140 million people are online – and some estimate that **50,000 new users** – workers, students, buyers, sellers, patients and citizens – come online every day in the United States alone. They use the Net both as a medium and as a destination – the largest, most restless, round-the-clock marketplace the world's ever seen.

because the incentives are irresistible...

The Net dissolves barriers that once limited market access and opportunity. It creates new ways to achieve global reach, find new customers, improve service, conceive and deliver new offerings. It fundamentally alters the economics of transactions. The cost of basic banking transactions drops from \$1 to one cent on the Net. Companies that once spent \$35 to process an expense form do it for less than \$5 using intranets.

creating opportunities for all businesses and institutions...

We're watching the creation of nothing less than a new economy. By one estimate, Internet commerce grew from \$12 billion in 1997, to more than \$30 billion last year, and will surpass \$425 billion by 2002. You can find other estimates that see a \$1 trillion marketplace in the same timeframe. What's harder to measure – but even more significant – is the value of the Net as it transforms the internal operations of organizations and redefines the important work of noncommercial institutions.

(and for the information technology industry).

Our industry is growing about 10 percent a year, and spending on e-business hardware, software and services is growing twice that fast. At these rates, the overall information technology industry should reach \$1.6 trillion by the year 2002, and e-business will account for \$600 billion of that total.

STATE OF ARIZONA

ServiceArizona is used by 7,000 Arizona residents a month to renew vehicle licenses online, saving the state \$325,000 a year. Online renewals cost the state \$1.60 versus \$6.60 for an in-person transaction.

www.servicearizona.ihost.com

AIR CANADA

Site provides travelers with the convenience of secure online ticketing for 545 global destinations. First-year bookings soared to 25 times the anticipated volume, and Air Canada is seeing major reductions in distribution costs – its second largest expense.

SAAB CARS USA

Extranet connects 225 dealers and 20 service centers. Dealers and technicians go online to order parts, trace deliveries, check warranties and maintain service histories. Saab estimates this Web-based system will lift productivity by up to 25 percent at each dealership. www.saabusa.com

all can play

one great thing about experience: you learn. We've worked on nearly 18,000 network computing engagements with customers large and small, in all sorts of industries. From this work we've learned that while online retail sales – "e-tailing," as some call it – is exploding, it's just one aspect of e-business. Prime movers in this revolution also include universities, hospitals, government agencies and nonprofit institutions that embrace the Net to transform what they do. And some of the most astounding results (and returns on investment) come when customers build e-business solutions inside their enterprises to unlock the ideas of their own people. Here, a handful of e-business pioneers.

FEDERATED DEPARTMENT STORES

In 1998, Federated Department Stores created its online subsidiary, macys.com. The site offers 250,000 items for sale, from socks to diamonds. In the fourth quarter, volume increased 700 percent and traffic across the site jumped 550 percent. www.macys.com



REI's fastest-growing business: online sales. E-commerce revenues rose 360 percent over 1997. Revenue through the Web site exceeded per-store volumes generated by most of the chain's largest physical stores, and online orders averaged twice the amount of traditional purchases. www.rei.com

SHELL CHEMICALS

This extranet application automates delivery of chemical products, allowing for just-in-time shipments to customers, electronic billing and payment. Sales of chemicals increased at 45 percent of Shell Chemicals' accounts, and its customers eliminate costly excess inventory.

AMWAY OF AUSTRALIA

8,000 distributors now access sales and product information over the Net. In its first year, the Web system reduced order processing costs by nearly \$2 per order. www.amway-au.com

SCHNEIDER AUTOMATION

A global extranet at Schneider Automation, the U.S. subsidiary of France's Groupe Schneider, gives sales and service staff in 130 countries instant access to customer and product information. The industrial automation equipment manufacturer says the networked application was instrumental in a 60 percent jump in customer satisfaction. www.schneiderautomation.com

TIENDAS E.WONG

Peru's first online supermarket offers 15,000 items for sale. Operating costs are half those of traditional stores, and profit margins from online sales are 35 percent higher. www.ewong.com



LEHIGH VALLEY SAFETY SUPPLY

This small business once sold industrial work boots off a truck in a few eastern U.S. states. Its Web site now lists 250 varieties of boots and fields orders from Malaysia, Pakistan, Thailand and offshore oil rigs. www.safetyshoes.com



M.D. ANDERSON CANCER CENTER

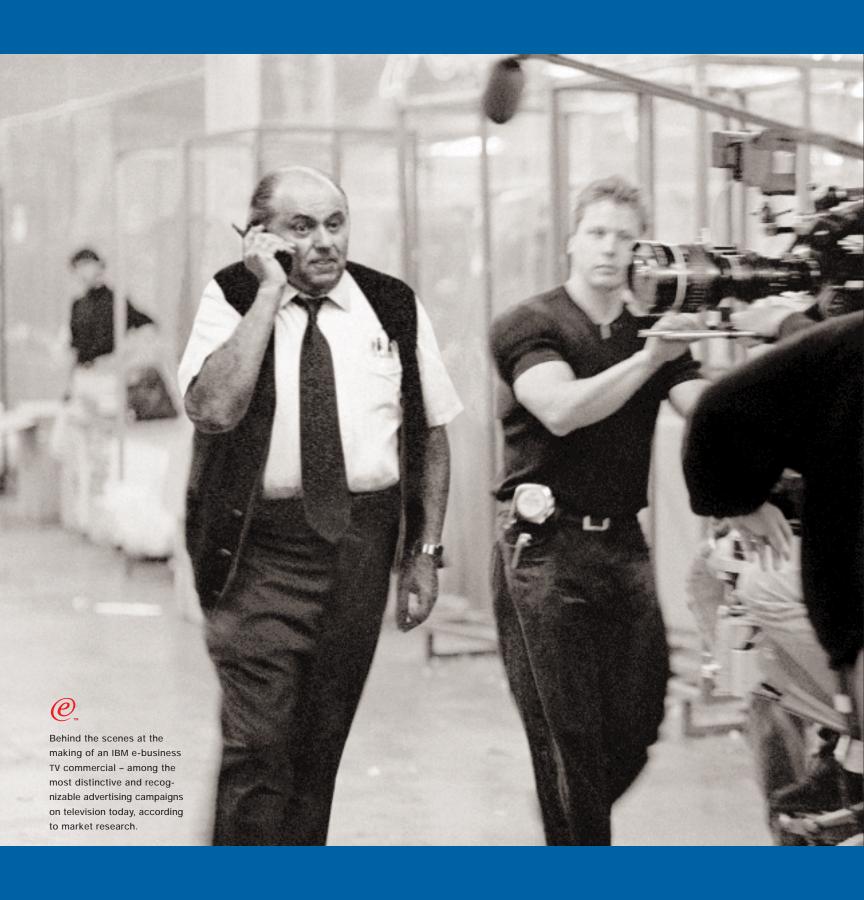
This secure Net-based disease management tool at this Texas hospital allows doctors to track treatment outcomes and measure appropriateness of tests, prescriptions and procedures. For one major surgical procedure, test costs were reduced 35 percent, and the length of patient hospital stays came down 30 percent. www.mdanderson.org

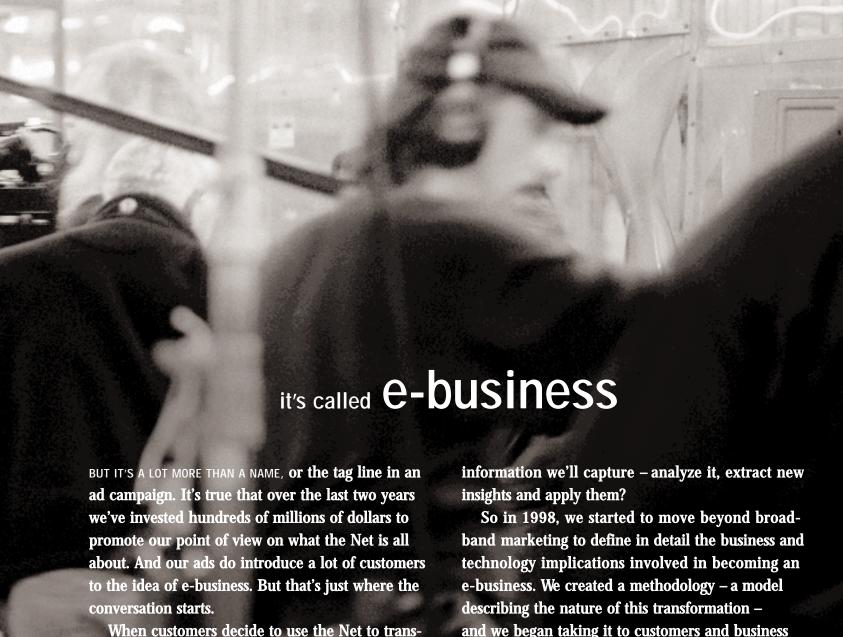


KOREAN NATIONAL OPEN UNIVERSITY

More than 200,000 students – at 13 regional and 31 remote education centers throughout the Republic of Korea – use the Web and digital library technology. The Web site will soon hold 10,000 hours of broadcast lectures and learning materials.

www.knou.ac.kr/imsi1.htm





When customers decide to use the Net to transform time-honored ways of working, they have to ask and answer some very big questions. Where do we start? What kind of applications and infrastructure should we build? How are we going to use all the

and we began taking it to customers and business partners. The response has been encouraging, as more and more customers are joining the movement the e-business movement.



Suzanne O'Connell industry solutions expert

2.

Because in a movement like this one – global, hair-trigger fast and playing out on largely uncharted terrain – there will be leaders. People with some courage, and a restless bone or two.

Beone DERIS

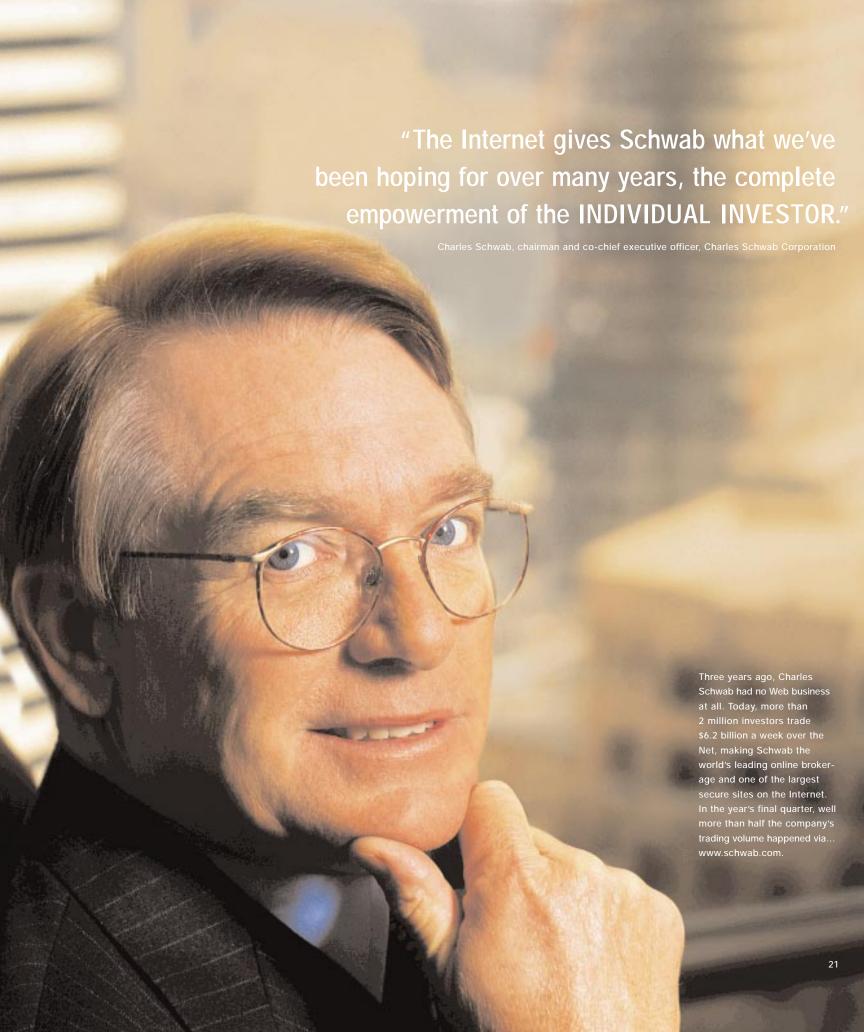
We consider ourselves fortunate to count thousands of them among our customers. They're captains of industry – or plan to be soon. And they're worth watching.

They're found across all industries, and their organizations come in all sizes. But they have a lot in common. They don't settle for incremental improvement. They dream about breakthroughs, and search for entirely new models – new ways to build competitive advantage, sell, enter markets, learn, and win.

They share one more trait. A sense that in this movement, disproportionate rewards will be earned by those who strike first.







"The old model of TEACHING built around the 'sage on the stage' has to be rethought – has been rethought – and I don't think there's any going back."









We're watching the end of the PC era. That's important. But the PC isn't going to dry up and blow away. Its role is being redefined to serve as a key point of access to the Net – but not the only point of access.

3. Get BIG (and SMALL)

A panoply of new network access appliances is coming to augment the world of PCs – hand-held computers, Web-enabled TVs, screenphones. By some projections, these new devices will account for 40 percent of all devices connected to the Net by 2002. This will bring computing and the Net to millions of new users quickly. IBM will build some of these devices, but our main play will be the technologies – like chips and disk drives – that power them.

We think things get even more interesting at the other end of the network connection. As personal computing is redefined, customers are rediscovering the importance of enterprise computing to handle their escalating e-business workload – everything from industrial-strength software like transaction systems and databases to highly reliable, secure, scalable servers.

As a result of these shifts, value is being redefined in information technology. It's changing where customers invest, and it's changing what leading technology companies work on. At IBM, this view of the future of computing is shaping all our product development plans, from supercomputers to ThinkPads, as well as our work in creating the core underlying technologies that power them.



personal **Computing** is being redefined...



(From left to right) Aptiva: award-winning PC family delivers superior technology – both for the under-\$1,000 market and for those seeking the power and performance of a 450-megahertz processor and DVD multimedia. ThinkPad iSeries: introduced in October, it quickly became our fastest-selling notebook ever. CrossPad: jointly developed by IBM and Cross Pen Computing Group, it creates a digital copy of handwritten notes. Screenphone: we're working with companies like Deutsche Telekom to build new computing and communications devices and

new ways to conduct networked transactions. WorkPad: it adds IBM technology to the base 3Com product, enhancing PC-syncing and network functions.

Smart Card: applications range from secure user authentication to "e-cash" – and we're working on Java-based solutions. Wearable PC: in September, IBM researchers in Japan prototyped a computer with the power of a ThinkPad 560 yet small enough to carry in your pocket; the main unit attaches to a headset with a one-inch display and a hand-held controller with a "TrackPoint" and microphone.

MAKE NO MISTAKE. There will still be PCs - millions and millions of them. But the PC is going to be joined, augmented (and ultimately outnumbered) by a vast array of information appliances, a few of them shown here. This will bring computing and access to the Net to hundreds of millions of

people very quickly. IBM will build some of these devices, but our presence will be most evident under the covers - in the leading-edge chips and disk drives (like those at the bottom of this page) that will power all these new personal computing devices.



IBM UNDER THE COVERS



Microdrive (shown actual size)

The world's smallest and lightest hard disk drive debuted in September. The Microdrive holds 200 times more data or images than a floppy disk, and stakes out a leadership position in the market for compact storage devices or digital cameras, cellular phones and hand-held computers.



Silicon-on-insulator

In August, IBM announced a breakthrough in semiconductor technology that "turbo-

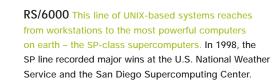
charges" transistors so that they can run faster or use less power. This advance paves the way for development of more efficient hand-held computing devices and more powerful network-based computers.



Silicon germanium

In October, we announced production of chips using our patented silicon germanium

manufacturing process. Virtually every telecommunications company is racing to incorporate silicon germanium to reduce production costs and sharpen the performance of high-speed data links, cell phones, pagers, and other wired and wireless products.



because enterprise computing is being rediscovered

RS/6000 SP

when you take a business to the Net, you stake a lot on the strength of your information technology infrastructure. Things like your reputation, brand and customer relationships. Your online systems have to be able to handle – not just the population of employees inside your business – but the population, period. And never go down.

So critical e-business applications have to run on enterprise servers and equally burly software called "middleware." In combination, they make sure your application (and your reputation) can handle unprecedented stress, unpredictable spikes in usage, and that you're ready when the world comes calling.

HARD FACTS ABOUT ENTERPRISE SOFTWARE

IBM ranks among the leaders in each of the key middleware segments, and our products run on all the industry's leading operating systems – including HP-UX, Solaris, Windows NT, AIX, OS/2, OS/400 and OS/390.

MESSAGING AND COLLABORATION

Lotus Notes and Domino are leaders and enjoy doubledigit growth rates. New installations totaled more than 14 million in 1998.

APPLICATION DEVELOPMENT

To become an e-business, a customer must extend its investment in existing technology to the Internet. In 1998, we maintained our number-one position in application development software and tools, such as VisualAge for Java.

DATA MANAGEMENT

More than 70 percent of the world's data resides on IBM systems. IBM's DB2 Universal Database is a top choice among customers, and grew faster than the industry in 1998.

S/390 The workhorse and performance leader among enterprise servers. Last year, we cracked the performance milestone of 1,000 MIPS (millions of instructions per second) and notched more than 350 competitive wins.

AS/400 It's quick to deploy and easy to run (requiring little or no support staff). That's one reason 20 percent of new orders in the fourth quarter of 1998 were from new customers. We shipped AS/400s in record numbers last year, and delivered a 94 percent performance improvement.

NETFINITY In 1998 – its first full year in the marketplace – Netfinity set industry performance standards and began delivering enterprise-class technology to the industry-standard marketplace.



4. Get even BIGGER and DISAPPEA

Even as they carve out a place in the world of e-business, the leaders – our customers – cast an eye over the horizon, searching for the next big movements. We're looking with them. And right now, we see two.

The first is called Pervasive Computing. It is the inevitable extension of the networked world – to connect not just individuals and institutions, but lots of everyday things that will contain a little embedded computing and networking capability.

The second trend is at the other end of the wire, what we call Deep Computing. It's the union of ultrafast processors with advanced algorithms and software to create very powerful systems that can attack problems and challenges previously beyond computing's reach.

For us, pinpointing the next shift is fundamental to our business. It's why we invest billions in exploratory research and technology development every year. This isn't a dreamy, speculative look ahead. We see what we are uniquely able to see – and, often, see first.

R

Bernie Meyerson

IBM Fellow and pioneer of silicon germanium



computing takes on the mysterious.

MEN WALKED on the moon three decades ago, but there have remained myriad challenges beyond the reach of technology - problems too expensive or too time-consuming to be practically solved with even the most powerful computers. But now that's changing. A new capability began with Deep Blue, a chess-playing supercomputer that could consider 200 million possible moves per second, coupled with analytical software so sophisticated some said it began to mimic the workings of the human mind. Today, the lessons of that chess

match are helping us create a new market opportunity we call Deep Computing.

This capability is now being applied to monumental challenges - endeavors far more important than chess: modeling financial markets and weather patterns, challenges in biomedicine, data mining and genomics. In the area of pharmaceutical research, for example, Deep Computing allows researchers to reduce significantly the time required to design new drugs.

Michelangelo's second Pietà is a work of undeniable sorrow – said to be unique in its ability to move people to tears. Perhaps that dark power overcame the sculptor the day he took hammer in hand and smashed chunks out of the work he intended as his tomb monument. He was stopped by a servant. The piece was never completed, but was repaired by an undistinguished sculptor.



the unthinkable...

PERHAPS EVEN MORE PROFOUND than what Deep Computing lets us do, is what it lets us avoid. For the first time, these technologies allow us to create digital solutions where the physical alternatives are no longer acceptable. With these tools, thoughtful

people have a way to solve problems that aren't merely hard, or time-consuming, or expensive. They can apply massive amounts of computing power to address some of the previously intractable quandaries of humankind.



In the fall of 1998, IBM delivered an RS/6000 SP – the world's fastest computer, twice as fast as any previously built – jointly developed with the U.S. Department of Energy's Lawrence Livermore National Laboratory.

How powerful? Capable of performing nearly 4 trillion calculations per second – more than a person with a hand calculator could perform in 63,000 years. Another way to look at it: the supercomputer known as "Blue Pacific" is 50 times faster than Deep Blue, the supercomputer that defeated chess grandmaster Garry Kasparov.

In the post-Cold War era, this is the kind of entry-level computing power the experts in charge of nuclear arsenals need. It allows them to run highly complex simulations that certify the safety, security and reliability of the stockpiles – without performing live tests.

"Before we had this technology, calculations of the complexity required for stockpile stewardship were absolutely impossible." – Dr. David Nowak, Accelerated Strategic

Accelerated Strategic Computing Initiative Program Leader, Lawrence Livermore National Laboratory.

TERAFLOPS, ON THE WAY TO

Next up: development of a follow-on RS/6000 SP for the U.S. Department of Energy to model nuclear reactions more fully. It will approach 100 trillion calculations per second – dwarfing the 4 trillion possible with Blue Pacific.

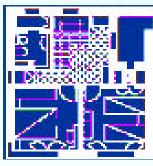


THE EVOLUTION of information technology is as irresistible as a force of nature. The basic elements of computing – processors, storage, memory – all grow inexorably faster, smaller and cheaper. That renders a few things pretty clear.

One is that e-business is just phase one of this

networked transformation. What's next is an explosion – from a world of a million e-businesses, and a billion connected users to a trillion connected things – cars, clothes, household appliances, machine tools, each emitting a little information and all of them interwoven in the global information infrastructure.







Home buyers can now move into a clean, spacious... computing device. We're working with partners in the home construction industry and with Bell Atlantic in the United States to deliver IBM Home Director, which integrates everything from Internet access to control of security and lighting systems, heating and air conditioning – all from any PC or TV screen.



YOUR GROCERIES

Even the weekly ritual of grocery shopping is being transformed. Safeway UK and IBM are piloting handheld devices that let shoppers make up grocery lists and submit the order from home. The supermarket fills the order and has it ready for pick-up. Or shoppers can cruise store aisles scanning groceries and tracking their total. Customers like the convenience. The supermarket likes the fact that high-spending families are doing more of their shopping with Safeway.



YOUR PACKAGE

Today, you can track the status of any overnight package from depot to depot. Tomorrow, parcels with embedded computing and communications capability might be tracked mile by mile, street by street and block by block, until they reach your door – and you.



YOUR CAR

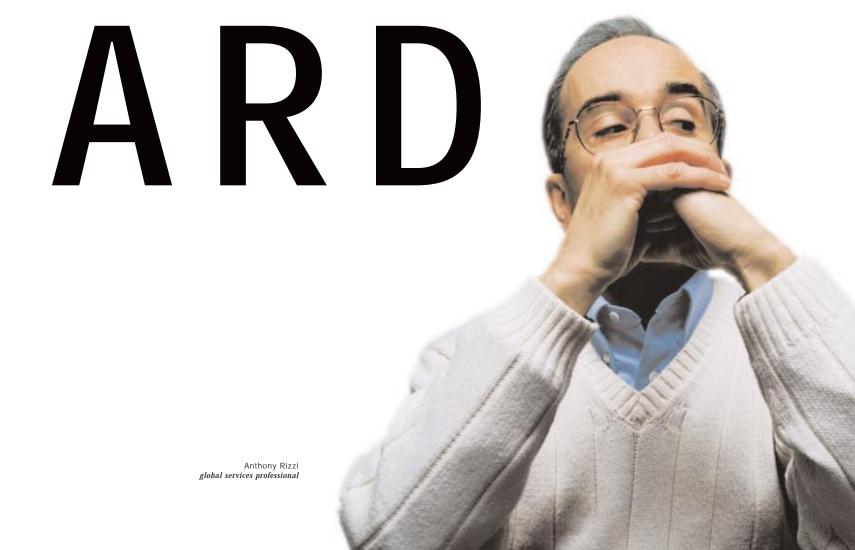
We're working with automakers to prototype wireless links from the car to the Net, combined with IBM voice technology to give drivers e-mail (voiceactivated), driving directions and updates on road conditions. Onboard sensors would alert drivers - and the nearest service center if a problem were brewing. And imagine the benefits to automakers when these links beam continuous information on engine performance directly to manufacturing and product development.

There is a relentless drive in the information technology industry to make things more powerful, less expensive – and always faster. But for customers, the most important measure of speed isn't found in the machines. It's in how fast marketplace opportunity arises, and vanishes – and with it, the chance to lead.

5. Fast R W

The question they ask is: If everyone has access to the same technology (and they do), what's the real source of competitive advantage? Here's the surprising answer they get from the world's largest information technology company: there is no unique competitive advantage in technology alone.

Today, real advantage is found only when technologies are applied to solve problems, to create new capabilities for customers, quickly and cost-effectively. This requires skills, insight and knowledge – in other words, great people. This is the intensely human business of information technology services. It is the fastest-growing segment of our industry and, not coincidentally, the fastest-growing business in IBM.



close the gap

customers spent about \$1 billion a day on information technology services in 1998. Why? Because there's a yawning void between a big idea - or even a well-crafted strategy - and marketplace execution. To get from one to the other, as quickly and cost-effectively as possible, customers increasingly draw on service

providers like IBM Global Services for assistance in areas spanning consulting and systems integration, application development and Web site hosting. We believe this trend will continue, for some of the reasons described here.

The world is embracing new models.

New models of retailing, distribution, banking, education. One consultancy estimates that customers will dedicate fully half their e-business investments to services that help them make their moves to the Net. Over the past year, IBM has introduced more than 30 new e-business services – from Web site hosting, to e-commerce, to offerings for employee training and knowledge management.

Demand outstrips supply.

It's a persistent dilemma that's getting more acute. Many of our customers lack the in-house information technology staff they need, and they can't hire sufficient skills. In the United States alone, want ads for hundreds of thousands of information technology jobs are going unanswered. IBM's 126,000 services professionals – who garnered the industry's top customer satisfaction ratings – are ready to help, and we're hiring more every week.

Strategic partnerships catch on.

Customers seeking a competitive edge often decide to concentrate on their core business, and entrust the management of the information technology infrastructure to an expert partner. This model, strategic "outsourcing," is well known in the United States. And it's now sparking the imagination of customers like Cable and Wireless in the United Kingdom, Daiwa Bank in Japan and Caricentro in Italy. Of 38 outsourcing contracts we signed last year worth \$100 million or more, nearly half were with customers outside the United States, more than double the percentage of two years ago.

A premium on security and privacy.

When businesses send valuable intellectual property over the Net, they have to know they can control access to their content, validate the ID of all participants in the transaction and provide a high level of security for the data. That's why five major music labels are using the IBM Electronic Music Management System to test the highly secure sale and digital distribution of CD-quality music over the Internet. This is just one of many IBM e-business solutions across dozens of industries – all backed by services that make e-commerce safe, secure and very real.

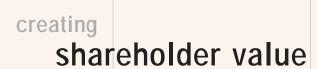
Speed without sacrifice.

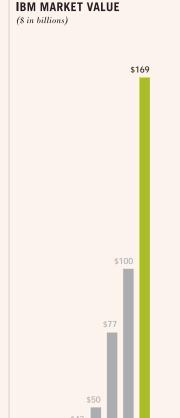
Speed or customization? It's not an either-or decision. Through thousands of services engagements, we build insights in one industry, and use them to create tested, proven solutions that can be replicated (and customized) in others – to get our customers going very quickly. In fact, seven of our 10 fastest-growing global offerings – built around opportunities like enterprise resource planning – are less than two years old.

Not by services alone.

Customers who engage with our services business find they've also tapped a direct pipeline to solutions development teams in 26 industries, as well as the resources of IBM Research. Often, this can provide a competitive edge for our customers – and for IBM. Monsanto's decision to sign a long-term, strategic outsourcing agreement with IBM was based, in part, on the opportunity it saw to team up its genomics scientists with our pattern recognition researchers.

Five years at IBM. Of course, IBM is no startup, and we had our initial public offering more than 80 years ago. But in many ways our story over the last five years testifies to the transformational nature of our times.





STOCK PERFORMANCE

Year-end closing prices adjusted to reflect a two-for-one split of the common stock effective May 9, 1997



DIVIDENDS

Adjusted to reflect a two-for-one split of the common stock effective May 9, 1997 (\$ per share)



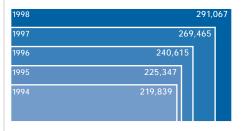
the new blue

workforce

e-business

IBM as

NUMBER OF EMPLOYEES



WOMEN AND MINORITY EXECUTIVES AT IBM

Since 1994, the number of women executives worldwide has increased 128 percent. And the number of minority executives in the United States has increased by 84 percent.

EMPLOYEE GIVING

Individual employees in the United States contributed more than \$190 million from 1994-1998 through matching grants and donations to nonprofit organizations and educational institutions.

(\$ in millions)



PERFORMANCE-BASED PAY

In order to attract and retain the best professionals, IBM has increased its investments in performance-based pay programs.

Variable Pay

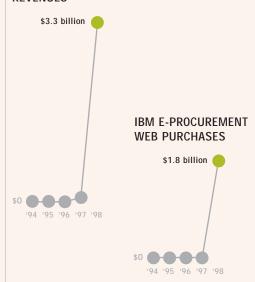
IBM employees share in the company's success through IBM's variable pay program. Variable pay is a pool of cash distributed to employees, based on the performance of the company, each business unit and each individual employee. Since 1994, the variable pay pool has grown by more than 60 percent, to \$1.6 billion in 1998.

Stock Options

The number of employees receiving stock options has grown substantially from 1994 to 1998. IBM nearly doubled the number of employees who were granted stock options in 1996, doubled that number again in 1997, and then **tripled it in 1998**. Options give a significant financial incentive to employees whose skills and expertise are critical to IBM's business.

FROM A STANDING START in 1997, IBM turned itself into a multibillion dollar e-business during 1998, taking core business processes – like the way we sell and the way we buy – to the Net.

IBM E-COMMERCE REVENUES



IN DECEMBER 1998 ALONE, IBM bought more than \$600 million in goods and services over the Internet.

By streamlining procurement processes and taking them to the Web, IBM will save \$240 million this year.

In 1998, more than 14 million customer questions and problems were resolved via online support systems, avoiding more than \$300 million in call-center and field-specialist support costs.

investing in innovation

RESEARCH

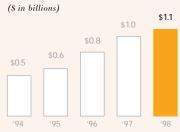
AND DEVELOPMENT

\$5.5 \$5.6

INVESTMENTS (\$ in billions)

TOTAL IBM U.S. PATENTS • Software • Network Computing 2,658 1,867 1,724 1,383 1,298 1,383 1,94 195 196 197 198

INTELLECTUAL PROPERTY AND LICENSING ROYALTIES



RESEARCH LABORATORIES

Three new laboratories were opened in the past five years.



reengineering

\$9.5
BILLION
IN SAVINGS

Since 1993, IBM's reengineering efforts have generated \$9.5 billion in overall savings.

FROM 4 YEARS
TO 6 MONTHS

Hardware development cycle time has been reduced from 4 years to 16 months, and for some products, it's as fast as 6 months.

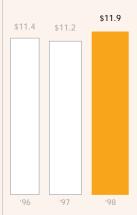
1 NEARLY 3LESS

Since 1993, IBM's internal information technology expenses have been reduced by nearly a third.

engines of growth

SOFTWARE REVENUE

(\$ in billions)



Excluding maintenance. (\$\sin\text{ in billions}) \$23.7

SERVICES REVENUE

104 105 104 107 100

TOTAL OEM HARDWARE REVENUE

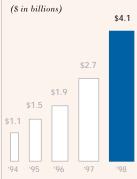
\$6.8

(\$ in billions)

\$4.0 \$4.1

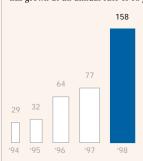
\$2.8

OEM STORAGE REVENUE



NUMBER OF OEM CUSTOMER DESIGNS IN ASICS

Since 1994, the number of customer designs in ASICs (Application-Specific Integrated Circuits) has grown at an annual rate of 52 percent.



WORLDWIDE LOTUS NOTES SEATS

(in millions)

1.35 4.5 9.3 20 **34**

TIVOLI DISTRIBUTED SYSTEMS MANAGEMENT PERCENTAGE REVENUE GROWTH (1996-1998)

 $compound\ growth\ rate$

83% 27% Estimated industry average

DISTRIBUTED DATABASE MANAGEMENT REVENUE GROWTH (1997-1998)

54%
13%
Estimated industry average

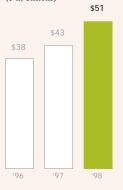
SERVICES BACKLOG

'96

End of year, excluding maintenance. Backlog represents the total amount of revenue remaining on signed contracts. (S in billions)

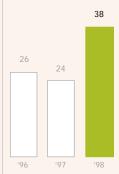
′97

′98



NUMBER OF SIGNED STRATEGIC OUTSOURCING DEALS VALUED AT MORE THAN \$100 MILLION

Excluding maintenance.





because CAN



Chieko Asakawa member of the team behind Home Page Reader technology for the blind

AT IBM, we believe leadership is earned in multiple dimensions – marketplace performance, customer satisfaction, innovation, growth. But we also know that being a company that matters in the world means stepping up to the truly important problems we face as people.

For 16-year-old Nathaniel Marquez, the problem was how to solve thousands of painful puzzles he encountered every day in the form of written words. Extremely bright but severely dyslexic, Nathaniel struggled through elementary and middle school. Frustration turned to embarrassment and then resignation – until an elegant little speech recognition program called IBM ViaVoice created an outlet for his ideas, and allowed Nathaniel's creative thinking to become stories, essays and term papers.

Today, IBM technologies are at work meeting many special needs – of the blind and visually impaired, and the deaf and hard of hearing – for people inside our company and far beyond its borders. This belief – that our technologies can help all people contribute to their fullest potential – is one dimension of our definition of leadership. There are others.

In 1998, we increased the number of women executives in IBM by 18 percent; we increased the number of minority executives by more than 15 percent in the United States. Our commitment to workforce diversity was recognized last year when U.S. President Clinton presented Lou Gerstner with the first annual Ron Brown Award for Corporate Leadership.

IBM is perennially one of the world's most generous corporations. We dedicated \$116 million last year to benefit people in need. Individual employees contributed nearly \$44 million through matching grants, and donations to nonprofit organizations and educational institutions.

Our most visible commitment to the communities where we live and work is IBM's Reinventing Education initiative which was recognized last year in a Harvard Business School case study as a model for corporate philanthropy in education. The program contributes \$35 million to 15 school districts and six states in the United States alone, and was expanded in 1998 to include projects in Brazil, British Columbia, India, Ireland, Italy and Vietnam. Last year, IBM and the United Way of America launched the KidSmart Early Learning Program, a project to install computer learning centers in more than 1,000 nonprofit preschool sites across the **United States.**

At the heart of IBM's philanthropic activities are IBM people, who last year volunteered 4 million hours of service to local causes – from tutoring youngsters in math and science to teaching PC skills to single parents. Our people understand that, in a world still beset by timeless and intractable problems, we are in a position to help. In fact, we are products of a corporate culture that was built to do just that.

company mission

At IBM, we strive to lead in the creation, development and manufacture of the industry's most advanced information technologies, including computer systems, software, networking systems, storage devices and microelectronics.

We translate these advanced technologies into value for our customers through our professional solutions and services businesses worldwide.



All IBM shareholders of record can use the Net to vote their proxy. The easy-touse online voting application is available as part of the

interactive IBM Annual Report at www.ibm.com/annualreport/1998, as well as our Investor Resources site, www.ibm.com/investor. You'll also find there our popular Guide to Understanding Financials — a resource that explains basic financial terms and statements.



