

T A L E N T
THE DILBERT PARADOX



“*The Power of Pull* examines the ‘how question’ – how can we effectively address our most pressing challenges in a rapidly changing and increasingly interdependent world? In *The Power of Pull*, John Hagel, John Seely Brown, and Lang Davison highlight fascinating new ways in which passionate thinking, creative solutions, and committed action can – and will – make it possible for us to seize opportunities and remain in step with change.” - BILL CLINTON

“*The Power of Pull* will do for our 21st-century information-age institutional leadership what Peter Drucker’s *The Concept of the Corporation* did for industrial-era management. This book begins to create a body of learnable principles that will revolutionize our ability to access and work with knowledge flows.” - NEWT GINGRICH

TABLE OF CONTENTS

TALENT: THE DILBERT PARADOX	4
ENDORSEMENTS for <i>The Power of Pull</i>	20
ABOUT THE AUTHORS	22

TALENT: THE DILBERT PARADOX

GETTING BETTER ALL THE TIME: BECOMING A TALENT-DRIVEN FIRM

These days hardly a news cycle goes by without one CEO or another talking about talent. How important talent is to success. How worrisome it is that talent is becoming scarce. And how determined CEOs are to win the race for talent.

At the same time rarely a day seems to pass without a newly clipped Dilbert comic strip getting pasted to someone's cubicle wall. Dilbert is popular not just for the laughs, but because it so effectively captures the stultifying nature of today's corporate workplaces.

The contrast is striking. On the one hand we have public declarations of love for talent from the top of the organization. On the other hand skeptical, even cynical messages of unhappiness float up from employees. Ironic, yes—and indicative of a deep problem in how many companies approach and regard their talented workers.

This is not just a U.S. issue—it spans the entire globe. Success in global competition increasingly hinges on the ability of companies and governments to seriously commit to talent development in ways

that extend well beyond conventional education and training programs.

Many companies (and countries) focus on the worthy goal of attracting and retaining talent. “Attract and retain” is the mantra governing most of today's boardroom talent discussions: how do we find and hire the most talented people? What should our recruiting strategy be and how can we more effectively manage the recruiting pipeline? Once talented employees are in the door, how do we offer the best benefit packages? If our talented employees are at risk for leaving, what do we do to keep them?

Unfortunately, in their passion to attract and retain talent, companies often lose sight of what appeals to and keeps hold of talent in the first place. Compensation and benefit packages are surely important. But the opportunity to develop professionally consistently outranks money in surveys of employee satisfaction. Only by helping employees build their skills and capabilities can companies hope to attract and retain them. Talented workers join companies and stay there because they believe they'll learn faster and better than they would at other employers.

But how, exactly, does talent get better faster? Not simply by participating in the formal training programs. These may be useful in certain circumstances (such as ethics or compliance training), but they are increasingly marginal to the talent race. Talented workers develop instead by trying new things, by experimenting with what they do in their jobs and how they do it, and by tackling real problems with other talented people with different backgrounds and skills—people who are just as likely to work for other companies, in other locales, as they are to be working in the same company. Talented employees develop best by participating in talent networks, the largely invisible matrix structures, made up of knowledge flows, that run within firms and, with increasing frequency, between and across them.

Unfortunately, with a few exceptions that we'll discuss later in this article, today's big companies aren't set up to encourage or even allow talented workers to tinker with their work practices, nor to collaborate with other workers across the boundaries of the enterprise. Op-

erations manuals explicitly discourage deviation from standardized practices and processes. Organizational silos and matrixed organizational designs hinder or even prevent workers from easily finding and collaborating with each other within the enterprise, let alone across enterprises. Corporate strategies fixate on meeting quarterly financial targets through aggressive cost cutting, and too often fail to create the growth needed to offer advancement and development opportunities for talented workers. And so forth. Big companies listen with a tin ear to the development needs of their most talented workers.

SUCCESS IN GLOBAL COMPETITION INCREASINGLY HINGES ON THE ABILITY OF COMPANIES AND GOVERNMENTS TO SERIOUSLY COMMIT TO TALENT DEVELOPMENT IN WAYS THAT EXTEND WELL BEYOND CONVENTIONAL EDUCATION AND TRAINING PROGRAMS.

These workers can be found at every level of the firm. They're not just the highly trained and deeply skilled knowledge workers one typically thinks of as "talent," such as quant equity traders or software engineers. They are also the wide range of workers—including truck drivers in a logistics operation, front line workers talking with customers, and workers on a manufacturing assembly line—that interact with and monetize intangible assets. Intangible assets include the institutional skills, intellectual property, brands, networks, and reputa-

“*The Power of Pull* is a roadmap of how to get from where you are now to where you really want to be. Read it and be inspired. (You’ll probably want to surf too).”

- MARC BENIOFF, CEO of *Salesforce.com*

tion that increasingly determine a company's profit per employee and thus its total profits and market capitalization.

Because talent works at every level of the corporation, the changes necessary to develop talent extend into nearly every aspect of the firm's activities: Companies must truly become talent-driven firms. Operations, organization, and strategy must all be re-conceived through the talent lens—and new information technologies and managerial “dispositions” (the fundamental ways executives regard the business world, and even human nature) now become essential. Executives will even find themselves asking the most fundamental question of all: what business are we really in?

DON'T JUST PUSH

Let's start with operations. The business operations of large Western companies have been built during the past century around the concept of “pushing” resources into the areas of greatest anticipated need. Whether it's the shelves of a retail store, the activities of a manufacturing plant, or the processes comprising human resource management, push approaches try to forecast demand and then design operations to ensure they deploy the right resources to the right place at the right time.

Push programs have enabled scalable, cost-effective operations. But they've come at a steep price: the rigid standardization and specification of activities and tasks they require. The highly specified operations manuals created by traditional push programs are in many ways antithetical to talent development, which requires workers to improvise and experiment with their working practices in order to learn and grow.

But what if, rather than trying to forecast demand and standardize operations so as to avoid surprises, companies were to create more flexible “pull” platforms to help participants access resources whenever and wherever they are needed? What if, rather than treating exceptions (such as quality exceptions on a manufacturing assembly line) as a nuisance to be eliminated, companies welcomed them as an opportunity for participants to tinker and experiment?

Imagine for example an auto manufacturer trying to make lighter-weight cars that had sourced lighter metal from a new supplier. Imagine further that a worker on the assembly line had noticed the welds applied to this car lacked their previous strength. In today's push programs, more often than not, the worker would write up the problem after the shift, a quality improvement team would eventually address

it and, even later, the solution would be deployed into the standardized assembly line work flow. But what if the worker had the ability to stop the assembly line, call over a welding expert and a foreman, and spend several minutes testing the amount of weld applied and the positioning of the welding arm before agreeing upon a modification that could accommodate the new quality of metal used? Fanciful as this might seem it's in fact how Toyota supports its assembly line workers—by making sure the necessary expertise, tools, and analytical techniques are accessible on an as-needed basis. Workers thus rapidly hone their problem-identification skills and seek out the resources required for innovative and durable solutions. Toyota wins, and so do its workers.

Pull platforms are essential to fostering learning on the job since they make it easier to access unexpected resources in unexpected ways and thereby encourage participants to try new approaches that simply would not be feasible in more rigid push programs. Yet Toyota's pull platform—and that of companies like it—are in reality a very limited form of pull platform, one that works well only if there are a small

number of companies participating in the process. To fully realize the potential for talent development in broad, cross-enterprise talent networks, the talent-driven firm will need to deploy even more ambitious pull platforms that scale easily to very large numbers of companies. If the number of companies participating in a pull platform is limited, there will be inevitable compromises in terms of the deep specialization of resources available on the platform, thereby limiting options available to experiment with novel approaches to addressing unexpected business needs.

PUSH PROGRAMS HAVE ENABLED SCALABLE, COST-EFFECTIVE OPERATIONS. BUT THEY'VE COME AT A STEEP PRICE: THE RIGID STANDARDIZATION AND SPECIFICATION OF ACTIVITIES AND TASKS THEY REQUIRE.

Global process networks—in which large numbers of highly specialized participants work together across multiple steps of a core operating process, such as a supply chain—demonstrate the potential of these more scalable pull platforms. In demanding industries as diverse as apparel, consumer electronics, and motorcycles, orchestrators are emerging and creating pull platforms for hundreds and even thousands of specialized participants.

In the case of Li & Fung, an orchestrator of a global process network in the rapidly shifting apparel industry, its pull platform now embraces

more than 10,000 companies operating in more than 40 countries around the world. Creating these scalable networks requires a very different set of operational management techniques, including the use of loosely coupled modules of activities and the development of long-term, trust-based relationships among participants.

These networks allow management to expand the scope of the core operating processes of the firm—supply chain-, product innovation and commercialization-, and customer relationship management—well beyond the boundaries of the enterprise. Only when companies have embraced a truly end-to-end view of all the activities required to deliver value to the end customer can their employees participate in and benefit from cross-enterprise talent networks.

INNOVATE AT THE INSTITUTIONAL LEVEL

Most companies will likely struggle putting pull platforms into play unless at the same time they rethink how they interact and collaborate with other companies. Large Western firms have thrived by building scalable operations within their own enterprise and rationalizing their broader partner networks down to a very few key partners. What happens when they try to increase the number of partners, as they must, for example, in global process networks, in order to better connect to

talent wherever it resides? Most will encounter a sharply increased cost of complexity. The complexity arises until companies master a new form of innovation, one that re-conceives roles and relationships across large numbers of institutional entities so as to make them less transactional and more relational, less “hard-wired” and more “loosely-coupled,” and, generally speaking, more supportive of richer cross-enterprise interactions and collaborations among their workers.

In these network arrangements, companies forge connections and carry out interactions less expensively and more rapidly and flexibly than they can through conventional institutional practices. Once they do, their talent can begin to more effectively connect with other talent to achieve new performance levels.

In the past, executives have tended to be wary of cross-enterprise collaboration out of concern for loss of intellectual property, hold-up (the ability to extract unfair payments out of others because of a unique position or set of assets), and distribution of rewards. However these concerns are largely shaped by a zero-sum view of the world—if one party gains, the other parties must inevitably lose. Focusing on talent development helps to shift to a positive sum view of the world—as talent improves, more value gets created in aggregate and all partici-

pants have an opportunity to gain more than they had before. Consider, for example, how a new generation of motorcycle assemblers emerging in Chongqing, China, demonstrate the power of a positive sum approach. Assemblers such as Dachangjiang cultivate rapid improvement in motorcycle design and performance through innovative working arrangements with their design partners. Rather than providing designers with detailed product blueprints, assemblers supply them with rough sketches and performance outputs along a variety of tightly specified dimensions. When interdependencies surface across components and subsystems, as inevitably they will in even the most modular design, the assemblers expect the participants from all relevant design partners to figure out how to resolve them. Thus ensues a lot of testing and refining to reach the assembler's aggressive performance targets. As a result, learning increases across the network of participants, as shown by the decline in the assembler's average motorcycle price from \$700 to \$200 from 1997 to 2002, without any corresponding decline in reliability or quality.

Global process networks are not the only organizational arrangements that harness a positive sum view of the world to scalably collaborate across institutional boundaries. Their close cousin global practice networks are even looser forms of collaboration involving participants

from similar skill areas engaging around common performance issues. Global practice networks are emerging in such diverse areas as open source software and extreme sports.

Consider for example how extreme surfers have used global practice networks to push the limits of their sport. In the 1950s, six foot waves were considered challenging, yet today big wave surfers routinely and successfully ride 60 to 70 foot waves. Big wave surfers tend to congregate at specific beaches and breaks to learn their craft, and frequently connect at competitions and, increasingly, through the Internet. They gain from carefully watching each other and observing new techniques and practices under different wave conditions. Regular competitions pit these surfers against each other and demonstrate which approaches have the greatest potential to drive performance. While often operating as individual participants, their activities and interactions are more often than not orchestrated by commercial entities like surfboard shapers and contest organizers who work hard at defining new performance challenges and motivating participants in their network to engage in pushing performance to the next level. Even where money is at stake, the collaborative spirit generally moves to the forefront, as illustrated in the most recent Maverick's competition in Half Moon Bay, CA. As the six finalists paddled out to catch

the final set of waves in the competition, they agreed among themselves that they would share the prize equally, regardless who was declared the winner.

Both kinds of networks—global process networks and global practice networks—create opportunities for talent to come together and generate “productive friction”: the friction that shapes learning as people with different backgrounds and skill sets engage with each other on real problems. While many executives pursue the supposed nirvana of a frictionless economy, we believe that aggressive talent development inevitably and necessarily generates friction. It forces people out of their comfort zone and often involves confronting others with very different views as to what the right approach to a given situation, challenge, or opportunity might be.

The key is to organize thoughtfully the right environments to generate friction and to ensure that it is productive rather than counter-productive. In part, this requires bringing together appropriate participants with diverse experience sets, investing the time required for them to develop shared respect, defining aggressive performance requirements, and providing them with tools that can help them negotiate the approaches that are most promising for achieving these

performance requirements. Most importantly, it requires carefully specifying action points that will force the participants to produce a solution meeting the performance requirements within a certain period of time. This is challenging enough when it occurs within a single firm but gets all the more challenging—and rewarding—when companies generate productive friction by connecting talent across multiple institutional boundaries. As we have indicated here, participating in global process and practice networks is the best way to learn the institutional innovations needed to make these connections. Doing so ensures that talented workers benefit from the broad range of experiences and approaches diverse participants within such networks bring to a given problem or situation.

Of course, companies must also innovate how they handle talent within the firm. Companies must, for instance, recognize that today’s career is no longer a straight shot up the corporate ladder but instead what Cathy Benko and Anne Weisberg characterize as a “combination of climbs, lateral moves, and planned descents” along the “corporate lattice”—thereby extending the concept of mass customization into a new approach for how work gets done and careers are built. Many companies have recognized the value of accessing diversity of people to get creative and unexpected approaches to business issues. The lat-

“The authors have given us a provocative and insightful look
at the power of today’s knowledge flow...”

...If you want to meet the challenges of working and living in the 21st century, this book should be your guide.” - ERIC SCHMIDT, *Board Chairman and CEO of Google*

tice concept takes this one step further by enhancing the diversity of experiences for each individual as well. Diversity of people and diversity of experiences combine to create a much richer pool of talent.

STRATEGY AS IF TALENT MATTERED

Putting talent development center stage also forces a reassessment of business strategy, particularly growth strategies. Companies that aren't growing rapidly often fail to provide a rich set of opportunities for their employees to develop. This occurs because slower-growing companies confront fewer new performance requirements and generally offer slower advancement opportunities than faster-growing ones. Slow growth companies are thus at a disadvantage in developing the talent of their employees. Over time, they will likely find it harder to attract and retain world-class talent.

Consider Google's ability to attract top quality talent from slower growing technology companies. And notice how even Google has more recently been losing its own talent to still-faster growing companies like Facebook. Yet growth gets difficult to achieve as companies grow bigger. That's why leveraged growth strategies—which help big companies achieve higher levels of growth with more limited

resource commitments—are essential to developing talent faster. At another level, the broad-based shift in many markets from product-based to service-based businesses also informs how well and how fast companies develop talent. Services typically offer the opportunity for richer and quicker market feedback loops and more rapid iterations on the design of customer offers than products do. As a result, companies with a higher percentage of services relative to product businesses will have a talent advantage.

A simple contrast drives this home. In the software business, most application software is still sold and delivered as a package installed on the customer's premises. Because installation presents logistical challenges and cost, packaged software upgrades occur in six to eighteen month cycles. Compare this to the new generations of application software delivered to customers as services over networks. These services are updated in much shorter cycles, often measuring hours rather than weeks or months. Because of long upgrade cycles, packaged application software developers tend to be much more conservative about what features or new designs to include in each release—the risk of getting it wrong is too high. With software delivered as a service, by contrast, developers can introduce a new feature or design, watch how it is used, gather feedback and implement modifications

and refinements much more quickly. Experimentation and tinkering are more encouraged and software developers get better faster because they can test and refine their approaches more rapidly.

At an even more basic level, an aggressive focus on talent development forces management to address the most fundamental strategic question of all: what business are we really in? Despite decades of unbundling the diversified conglomerates that were the rage in the 1960s and 1970s, most companies today are still an unnatural bundle of three very different kinds of businesses – infrastructure management, product innovation and commercialization, and customer relationship businesses. Each of these businesses has very different skill sets, economics, and even cultures, yet they often remain tightly bundled together within a single firm.

Keeping these businesses tightly bundled makes it more difficult to develop talent rapidly given the inevitable organizational and operational compromises companies make to accommodate the divergent, even conflicting, needs of these three businesses. More focused companies have an advantage in talent development. Consider the many pure-plays created by outsourcing. As they've invested in the professional development of their employees, companies specializing in as-

sembly line manufacturing, logistics, and even routine customer call center operations have generated eye-opening performance improvements. One big factor: the workers in these companies were often viewed as second-class citizens when they were employed by more diversified companies, but they are now core contributors of value in more specialized companies.

Take for example focused call center operators such as eTelecare in the Philippines, which have been able to out-perform the internal call centers of many of their clients within a very short period of time. Interviews show that employees at eTelecare derive a high degree of motivation from being at the core of the business rather than the periphery of a much more diversified business. Because performance of their call center operations is so central to eTelecare's overall performance, eTelecare invests highly in the development of its workers. The company has a 1:8 ratio of front-line supervisory management to call center operators versus the average 1:20 in the call-centers of diversified US companies. Its investment in staff development allowed eTelecare to exceed the performance of one of its client's world-class telemarketing facility within one week and, within four weeks, to generate three times as much revenue per hour.

NEW TECHNOLOGIES AND DISPOSITIONS

The foregoing recommendations aim to strip away the surface barriers confronting executives as they make development the centerpiece of their talent strategy. Pull platforms take aim at the deadening standardization and rigid specification of push programs. Global process and practice networks extend companies' ability to develop talent beyond the four walls of the enterprise. And leveraged growth and unbundling strategies create the conditions for talent to thrive. Once these obstacles are out of the way, however, two more fundamental barriers appear: today's information technology infrastructure and management dispositions.

Until very recently, our IT architectures and infrastructure significantly limited companies' ability to make flexible choices regarding how they operate, organize, experiment, and establish the strategic direction of the business. The hard-wired technologies that compose

client-server IT architectures make it next to impossible to implement pull programs across large numbers of enterprises or to pursue leveraged growth strategies.

Fortunately a new generation of loosely-coupled, modular technologies – the building blocks for service-oriented architectures, cloud computing, and Web 2.0 platforms – now provide a much more

FORTUNATELY A NEW GENERATION OF LOOSELY-COUPLED, MODULAR TECHNOLOGIES—THE BUILDING BLOCKS FOR SERVICE-ORIENTED ARCHITECTURES, CLOUD COMPUTING, AND WEB 2.0 PLATFORMS—NOW PROVIDE A MUCH MORE ROBUST FOUNDATION FOR THE FUNDAMENTAL CHANGES TO OUR WORKING PRACTICES.

robust foundation for the fundamental changes to our working practices. A variety of tech-savvy companies like Google, Amazon, and Cisco are already deploying these new technologies to support their own talent

development initiatives, often spanning well beyond the boundaries of their companies.

Cisco, for example, has invested heavily in an e-learning platform that blows up the notion of centralized training facilities and creates a pull platform for employees from over 40,000 business partners, all of whom can access analytic tools and information regarding Cisco

products on an as-needed basis. SAP, meanwhile, has created robust online forums for independent developers that use SAP products to come together and problem-solve ways to get more value from these products. In the process, not only do Cisco and SAP help their own employees get better faster, they help the employees of their business partners and customers get better faster, too.

Difficult as embracing a new generation of information technology might be for companies heavily committed to legacy IT systems and architectures, technology may prove the easy part. Executives must also transform the dispositions they hold regarding the sources of business success. Executives are often unaware of these unstated and unexamined assumptions. It may not overly simplify things to characterize today's prevailing management disposition as follows:

“We live in a largely static, zero-sum world where change is episodic and unpredictable. Change is threatening because it inevitably creates winners and losers. The best way to capture value in this world is to tightly control intellectual property and all the resources required to generate value from that intellectual property. Collaboration, to the extent it is necessary, works best with a few carefully selected partners with similar mindsets.”

Contrast this with an alternative management disposition: “We live in a dynamic world where the patterns of change are discernible and understandable, even if specific events are less predictable. Continuing innovations create the potential for much greater resource abundance and positive-sum outcomes where all participants can gain from collaborating with each other. Collaboration is essential to tapping into this potential and the most powerful forms of collaboration are highly scalable, mobilizing large numbers of participants with diverse and very deep specializations.”

It should be clear that the first management disposition—let's call it the control disposition—offers limited room for talent development. If the world is largely static and control is the name of the game, talent certainly counts but has little need for continual refreshing. In this worldview talent development on the job undermines the higher goal of control.

The second management disposition—let's call it the collaboration disposition—provides a much stronger foundation for the talent-driven firm. If the world is continually changing in discernible patterns and continuing innovation is the source of significant new value, talent development becomes a much higher priority. Executives with

this disposition will recognize that existing talent rapidly obsolesces and that success depends upon continually renewing the talent of their employees. Executives with this disposition are also more inclined to recognize the importance of accessing talent wherever it resides.

Executives realize the race for talent is one they cannot afford to lose. Yet all-too-few of them grasp the far-reaching changes needed to become a truly talent-driven firm—changes not just to strategy, organization, operations, and technology, but to the more basic dispositions underlying today’s managerial actions, practices, and interventions. By embracing these new dispositions, companies can become magnets for talent in a world where talent is increasingly scarce.

EPILOGUE: THE BROADER POLICY ENVIRONMENT

Firms can do a lot to reframe and refocus talent development efforts. At the end of the day, however, the broader policy environment will either amplify or hold back the efforts of individual firms. At a fundamental level, public policy needs to be broadly reframed with a talent development lens.

Educational policy, for instance, needs to move beyond formal educational programs confined to narrow stages of our lives, and even

beyond the notion of retraining programs later in life. We must foster environments that create the opportunities, incentives, and capabilities to discover and act on people’s passions throughout life.

We also need to harness the forces that have enabled Silicon Valley and Manhattan to become global talent spikes, attracting talent from around the world. Rather than confining this success to highly trained engineers and financial “quants” in a few cities, we should provide opportunities for everyone, whether a machine tool worker in Cincinnati or a farmer in Nebraska, to get better faster and thrive in our global economy.

With the benefit of a talent development lens, unexpected and exciting policy solutions could be developed for hotly debated public policy issues like immigration, telecommunications, intellectual property, and trade. Consider telecommunications: An ambitious broadband and open-spectrum policy might build learning-on-demand into a system in which anyone can find the information they need, when they need it, and turn that information into action.

Few people realize that about half of the entrepreneurial talent fueling the success of Silicon Valley came from outside the United States.

On immigration, the question might become how we can more

broadly emulate the Silicon Valley model, where talented immigrants from around the world have helped domestic engineers to learn faster as they engage with others who see the world quite differently from them.

Even more promisingly, a focus on talent development can transcend national interests. After all, if we are serious about developing the talent of our own people, we must find rich and creative ways to access and connect with talent wherever it resides around the world. No matter how talented Americans are, they will develop their talent even more rapidly if they have the opportunity to interact with other equally talented people outside this country. There is no place for building walls and sheltering talent from the challenges of others.

A talent development perspective might also lead to a reassessment of public diplomacy, as well. We might build deeper relationships with the countries that are most successful in developing the talent of their people, so that the talent of our respective countries can get

better faster as they work with each other. At the same, we might provide a more compelling role model for governments, and perhaps more important, the populations of countries that are lagging behind in talent development.

Accelerating talent development provides a robust platform for re-conceiving both domestic and foreign policies. Indeed, our actions will lack credibility and power if they are not applied consistently and continuously in both domains.

Talent development requires sustained effort and a respect for the texture of complex issues and diverse perspectives. But the rewards are worth the effort. We may ultimately be able to move from the zero-sum mindsets that dominate our current political discourse to a positive-sum outlook in which overall rewards increase at an accelerating rate and everyone can share more fully in an expanding pie.

ENDORSEMENTS FOR *THE POWER OF PULL*

"*The Power of Pull* is a powerful new meme for navigating and networking in the 21st century. Any one of its 36 key questions (in the 'Bring It Home' sections) could change your life and the world."
- JOHN DOERR, *Kleiner Perkins*

"In times of unprecedented change, we as individuals and institutions can have extraordinary leverage and influence if we marshal the passion, knowledge and resources necessary to achieve great things. *The Power of Pull* empowers and guides us to make the most of today's enormous possibilities." - JOHN NAISBITT, *author of Megatrends*

"Stop whatever you are doing and read this amazing book. The authors totally nail it. Digging beneath the surface of stuff that distracts

us on a daily basis, they unpack the deep forces that really truly matter and provide a guidebook each of us can use to unleash passion, transform how and why we work, and restore destiny and dignity to our lives." - RICHARD FLORIDA, *author of The Rise of the Creative Class and The Great Reset*

"This brilliant and exciting book shows how to pursue your passions by harnessing the power of networks. Success no longer comes from possessing knowledge; instead, you have to participate with others in creating a flow of knowledge. The power of 'pull'—the ability to draw out people and resources for each endeavor—can transform both individuals and institutions."
- WALTER ISAACSON, *President and CEO, the Aspen Institute, and author of Einstein: His Life and Universe*

“Connecting many important threads through beautiful metaphors and wonderful narratives, the authors provide both a mind expanding view of how the world is changing and a solid framework and context to approach the future for anyone interested in surviving and enjoying it.” - **JOICHI ITO**, *CEO of Creative Commons and Internet venture investor*

“We live in a global village, where borders are blurred, where all humanity could and should be responsible for the well-being of others. *The Power of Pull* proposes fresh insights that coalesce into a powerful way forward in this new world. This erudite manual for change is a testament to the creativity and insight of its authors.” - **MARK E. TUCKER**, *Former Group Chief Executive of Prudential plc, Member of the Court of the Bank of England*

“This is a seminal work that explores the personal and professional implications of a powerful convergence of technologies, ranging from in memory databases for speed, massive parallel processing in the cloud, access via telephone for anything, anytime, everywhere. We are just beginning to understand what this means for us. The authors help us to understand where and how pull will change our lives and our work given the new digital infrastructures re-shaping our landscape. It offers us a roadmap that we neglect at our peril.” - **HASSO PLATTNER**, *Founder and Chairman of SAP Supervisory Board*

ABOUT THE AUTHORS



JOHN HAGEL III is the co-chairman of the Center for the Edge in Silicon Valley. He is the author of a series of best-selling business books, including *Net Worth*, *Out of the Box*, and *The Only Sustainable Edge*.



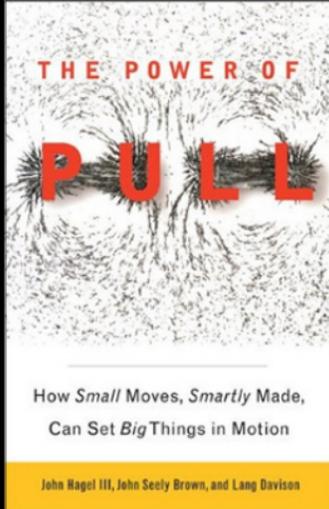
JOHN SEELY BROWN is the independent co-chairman of the Center for the Edge in Silicon Valley. He is co-author of the best-selling book *The Social Life of Information*.



LANG DAVISON is executive director of the Center for the Edge in Silicon Valley. He was also the collaborating writer for the best-selling and critically acclaimed books *Net Gain* and *Net Worth*, both authored by John Hagel.

“Stop whatever you are doing and read this amazing book. The authors totally nail it...”

- RICHARD FLORIDA, *author of The Rise of the Creative Class and The Great Reset*



Volume 3: Talent: The Dilbert Paradox

This volume is part of a larger body of work that is discussed in the book, *The Power of Pull*. Other topics in this series include:

- Pursuing Passion
- Shaping Serendipity
- Passion versus Obsession
- Three Levels of Pull
- From Passion to Potential

For more information and to read about these other topics, please visit edgeperspectives.com.