

The Cio Digital Business Transformation Playbook For 2017

How organizations can anticipate threats, spot opportunities, and act faster when the time is right; with rich examples including Adobe, MasterCard, and Amazon. When turbulence is the new normal, an organization's survival depends on vigilant leadership that can anticipate threats, spot opportunities, and act quickly when the time is right. In See Sooner, Act Faster, strategy experts George Day and Paul Schoemaker offer tools for thriving when digital advances intensify turbulence. Vigilant firms have greater foresight than their rivals, while vulnerable firms often miss early signals of external threats and organizational challenges. Charles Schwab, for example, was early to see and act on the promise of " robo-advisors " . Honeywell, on the other hand, stumbled when Nest Labs came out first with a " smart " thermostat. Day and Schoemaker show leaders how to assess their vigilance capabilities and cultivate insight and foresight throughout their organizations. They draw on a range of cases, including Adobe and Intuit's move to the cloud, Shell's investment in clean energy, and MasterCard's early recognition of digital challenges. Day and Schoemaker describe how to allocate the scarce resource of attention, how to detect weak signals and separate them from background noise, and how to respond strategically before competitors do. The challenge is not just to act faster but to act wisely, and the authors suggest ways to create dynamic portfolios of options. Finally, they offer an action agenda, with tips for fostering vigilance and agility throughout an organization. The rewards are stronger market positions, higher profits and growth, more motivated employees, and organization longevity.

Rethink your business for the digital age. Every business begun before the Internet now faces the same challenge: How to transform to compete in a digital economy? Globally recognized digital expert David L. Rogers argues that digital transformation is not about updating your technology but about upgrading your strategic thinking. Based on Rogers's decade of research and teaching at Columbia Business School, and his consulting for businesses around the world, The Digital Transformation Playbook shows how pre-digital-era companies can reinvent their game plans and capture the new opportunities of the digital world. Rogers shows why traditional businesses need to rethink their underlying assumptions in five domains of strategy—customers, competition, data, innovation, and value. He reveals how to harness customer networks, platforms, big data, rapid experimentation, and disruptive business models—and how to integrate these into your existing business and organization. Rogers illustrates every strategy in this playbook with real-world case studies, from Google to GE, from Airbnb to the New York Times. With practical frameworks and nine step-by-step planning tools, he distills the lessons of today's greatest digital innovators and makes them usable for businesses at any stage. Many books offer advice for digital start-ups, but The Digital Transformation Playbook is the first complete treatment of how legacy businesses can transform to thrive in the digital age. It is an indispensable guide for executives looking to take their firms to the next stage of profitable growth.

Integrate big data into business to drive competitive advantage and sustainable success Big Data MBA brings insight and expertise to leveraging big data in business so you can harness the power of analytics and gain a true business advantage. Based on a practical framework with supporting methodology and hands-on exercises, this book helps identify where and how big data can help you transform your business. You'll learn how to exploit new sources of customer, product, and operational data, coupled with advanced analytics and data science, to optimize key processes, uncover monetization opportunities, and create new sources of competitive differentiation. The discussion includes guidelines for operationalizing analytics, optimal organizational structure, and using analytic insights throughout your organization's user experience to customers and front-end employees alike. You'll learn to " think like a data scientist " as you build upon the decisions your business is trying to make, the hypotheses you need to test, and the predictions you need to produce. Business stakeholders no longer need to relinquish control of data and analytics to IT. In fact, they must champion the organization's data collection and analysis efforts. This book is a primer on the business approach to analytics, providing the practical understanding you need to convert data into opportunity. Understand where and how to leverage big data Integrate analytics into everyday operations Structure your organization to drive analytic insights Optimize processes, uncover opportunities, and stand out from the rest Help business stakeholders to " think like a data scientist " Understand appropriate business application of different analytic techniques If you want data to transform your business, you need to know how to put it to use. Big Data MBA shows you how to implement big data and analytics to make better decisions.

This book constitutes the proceedings papers from the 17th European, Mediterranean, and Middle Eastern Conference on Information Systems, EMCIS 2020, held in Dubai, UAE, in November 2020. Due to the COVID-19 pandemic the conference took place virtually. EMCIS focuses on approaches that facilitate the identification of innovative research of significant relevance to the Information Systems discipline following sound research methodologies that lead to results of measurable impact. The 56 papers presented in this volume were carefully screened from a total of 161 submissions to the main conference. They are grouped in section on Big Data and Analytics, Blockchain Technology and Applications, Digital Government, Digital Services and Social Media, Emerging Computing Technologies and Trends for Business Process Management, Enterprise Systems, Healthcare Information Systems, Information Systems Security and Information Privacy Protection, Innovative Research Projects, Management and Organizational Issues, Information Systems.

Every organization makes plans for updating products, technologies, and business processes. But that ' s not enough anymore for the twenty-first-century company. The race is now on for everyone to become a digital enterprise. For those individuals who have been charged with leading their company ' s technology-driven change, the pressure is intense while the correct path forward unclear. Help has arrived! In Driving Digital, author Isaac Sacolick shares the lessons he ' s learned over the years as he has successfully spearheaded multiple transformations and helped shape digital-business best practices. Readers no longer have to blindly trek through the mine field of their company ' s digital transformation. In this thoroughly researched one-stop manual, learn how to: • Formulate a digital strategy • Transform business and IT practices • Align development and operations • Drive culture change • Bolster digital talent • Capture and track ROI • Develop innovative digital practices • Pilot emerging technologies • And more! Your company cannot avoid the digital disruption heading its way. The choice is yours: Will this mean the beginning of the end for your business, or will your digital practices be what catapults you into next-level success?

Best Practices to Drive Digital Transformation

Digital Enterprise Transformation

Be the Business

Healthcare Digital Transformation

How Executives and Managers Can Lead, Engage and Transform Their Organizations

Real Business of IT

12 CIO Personas: The Digital CIO's Situational Leadership Practices

All organizations are embarking on a journey to the cloud. Their users are online and taking advantage of productivity tools like SalesForce. Enterprises are in the midst of transitioning to Office 365. This book maps the journey of 16 leading enterprises around the world including Fannie Mae, Siemens, Google, Microsoft, and Amazon itself. In nature and business, change is the prevailing constant. This booklet, *Escape the Change Dilemma – Transformation to a Smart Data-Driven World*, draws attention to the continual change in the world of data, the underlying foundation for the larger-scale digital business transformation. The JIVS Information Management Platform sits front and center, setting the stage for company leaders such as the CEO, the CFO, the CIO, and the COO. Furthermore, the leaders' specific dilemmas they have to overcome are described. This publication offers so-called *Escape Routes* from all these exposed dilemmas, and as such, it provides a hands-on cookbook for digital data transformation scenarios. The chief roles of corporate leadership and business and IT leaders of smaller companies, decision-makers, and program leaders tasked with the digital data transformation topic gain significant insight. The digital transformation leader, it's an honor and a privilege to consider Nadia a friend and mentor. –Lawrence Cooper (Larry) *The Agility Series* Facilitator, Digital Transformer, and Author – Canada As someone who has practiced digital transformation projects for nearly four decades, the premise of the success formula and the problems caused by fear are so important to recognize. Nadia takes us through a roadmap to digital transformation success through the recognition of the need to treat digital transformation as a project and to apply the soft skills needed to manage change and transformation. A very important book for someone undertaking a digital transformation project without the necessary foundation in place. – Ray W. Frohnhofer PMO, Managing Director, PFC Group, LLC – USA "Fear" as the division in Nadia's success formula is genuine. That part alone is worth getting this book. Nadia and I met at PMI Global Congress where a client of my company, the Department of Treasury, was presenting an enterprise project & portfolio management system we implemented. From my experiences working with large organizations, Nadia's unique angel and comprehensive approach for people planning and executing corporate change is invaluable. This book discusses a holistic approach—the mind, heart and muscles of digital transformation. –Sophia Zhou CEO RPM Solutions, Author of *I Can and I Will – USA* Nadia Vincent has encapsulated years of experience into a guide with the missing ingredient of most digital transformation projects – Great Leadership. Forget technology, only by leading an organization through transformation, by instilling in your organization the mindset required for continuous change, and overcoming the fear of the future, can you bring successful digital transformation to a business. The Digital Transformation Success Formula provides a roadmap for technology and business leaders to ready their business for the future of constant change. –Andrew Pryor Director CIO Watercooler – England

A staggering 70% of digital transformations have failed as per McKinsey. The key reason why enterprises are failing in their digital transformation journey is because there is no standard framework existing in the industry that enterprises can use to transform themselves to digital. There are several books that speak about technologies such as Cloud, Artificial Intelligence and Data Analytics in silos, but none of these provides a holistic view on how to embark on a digital transformation journey and be successful using a combination of these technologies. FORMULA 4.0 is a methodology that provides clear guidance for enterprises aspiring to transform their traditional operating model to digital. Enterprises can use this framework as a readymade guide and plan their digital transformation journey. This book is intended for all chief executives, software managers, and leaders who intend to successfully lead this digital transformation journey. An enterprise can achieve success in digital transformation only if it can create an IT Platform that will enable them to adopt any new technology seamlessly into existing IT estate; deliver new products and services to the market in shorter durations; make business decisions with IT as the enabler and utilize automation in all its major business and IT processes. Achieving these goals is what defines a digital enterprise -- Formula 4.0 is a methodology for enterprises to achieve these goals and become digital. Essentially, there is no existing framework in the market that provides a step-by-step guide to enterprises on how to embark on their successful digital transformation journey. This book enables such transformations. Overall, the Formula 4.0 is an enterprise digital transformation framework that enables organizations to become truly digital.

Remember the '70s? Way back then, IT was a mainframe that sat in some room and only a few people had a key. Flash forward a decade, and IT was a limited set of systems irrelevant to the vast majority of employees and customers. But today, all of the sudden, technology belongs to everyone. Because of the suddenness of this revolution in technology adoption, most IT organizations have not had enough time to evolve into a "comfortable integration" with the rest of the company. This lack of comfortable integration has led to confusion over who is truly accountable for the return on technology investments, how much influence IT leaders should have over a company's business strategy, and whether CEOs need to hire Chief Digital Officers onto their senior leadership teams. Through interviews with dozens of CIOs, Heller has created a snapshot of what CIOs are doing to lead IT in a climate where technology belongs to everyone. She addresses how CIOs are changing their operating models, their approaches to talent development, and their assessment of the new IT provider marketplace. Most importantly, Heller defines the top ten skills and behaviors that CIOs will need to develop if they are going to be successful in an ever-changing landscape. As a master storyteller, Heller incorporates philosophy, humor, and pragmatic advice into a book that both informs and entertains.

Digital transformation is business transformation for greater performance, using the latest digital technologies and strategic business innovation approach. The Digital Transformation Success Formula by M. Nadia Vincent, foreword by David A. Maynard, is a professional and practical guide for leaders such as CIOs, IT managers, business executives and digital transformation leaders alike as they implement digital transformation in their organizations or businesses. The Digital Transformation Success Formula is about: Facilitating self-transformation for leaders so they inspire individual transformations in their organizations. Creating environments that are efficient and promote business innovation and disruption. Empowering leaders with a progressive mindset that embraces change so that they make better personal, business and digital choices. Digitally enabling organizations for faster deliveries and increased business performance. Reducing risks in the implementation of digital transformation. Increasing employee engagement so that organizations are strengthened in the digital market. Converting digital transformation and innovation into a lucrative investment for increased ROI. The book is a solution-oriented, straight to the point read; yet written in a warm tone. It addresses points that sometimes we managers may not be comfortable speaking about, but are present and impactful in our everyday work. Reviews Engaging, insightful, brilliantly written and transformative! In her introduction Nadia speaks of having learned multiple languages through her international consulting career; In this book, she creates a whole new language for the rest of us to learn – that of digital transformation leadership. Consider this book your Rosetta Stone on how to become a true digital transformation leader. It's an honor and a privilege to consider Nadia a friend and mentor. –Lawrence Cooper (Larry) *The Agility Series* Facilitator, Digital Transformer, and Author – Canada As someone who has practiced digital transformation projects for nearly four decades, the premise of the success formula and the problems caused by fear are so important to recognize. Nadia takes us through a roadmap to digital transformation success through the recognition of the need to treat digital transformation as a project and to apply the soft skills needed to manage change and transformation. A very important book for someone undertaking a digital transformation project without the necessary foundation in place. – Ray W. Frohnhofer PMO, Managing Director, PFC Group, LLC – USA "Fear" as the division in Nadia's success formula is genuine. That part alone is worth getting this book. Nadia and I met at PMI Global Congress where a client of my company, the Department of Treasury, was presenting an enterprise project & portfolio management system we implemented. From my experiences working with large organizations, Nadia's unique angel and comprehensive approach for people planning and executing corporate change is invaluable. This book discusses a holistic approach—the mind, heart and muscles of digital transformation. –Sophia Zhou CEO RPM Solutions, Author of *I Can and I Will – USA* Nadia Vincent has encapsulated years of experience into a guide with the missing ingredient of most digital transformation projects – Great Leadership. Forget technology, only by leading an organization through transformation, by instilling in your organization the mindset required for continuous change, and overcoming the fear of the future, can you bring successful digital transformation to a business. The Digital Transformation Success Formula provides a roadmap for technology and business leaders to ready their business for the future of constant change. –Andrew Pryor Director CIO Watercooler – England

Digital Trailblazer

Handbook of Research on Smart Management for Digital Transformation

Digital to the Core

Navigating Digital Transformation in Management

Escape the Change Dilemma

Big Data MBA

Digitally Deaf

New Rules for Business Transformation Through Technology

Two world-renowned strategists detail the seven leadership imperatives for transforming companies for success in the digital era. Yes, the world is chaotic, and no one knows the details of where we're headed. But leaders must not let themselves be held hostage by fear. More than ever, you need to take charge and write your vision for your company's future. This book is your guide. For companies to succeed in the digital age, executives must reimagine their businesses before they reimagine being digital. They must courageously shed the past to rethink their place in the world and how they compete and collaborate with others to create value. Companies need to undergo a fundamental transformation, building a new type of competitive advantage—one that is fueled by scale in their differentiating capabilities. They must focus on the few capabilities that power their value proposition. And they will be measurably better than their competitors. In their new book, Paul Levinwand and Mahadeva Matt Mani, both members of the PwC US partnership and its Strategy& global team, help leaders navigate these profound and historic shifts and provide a road map for reshaping their companies. Building on a major new body of research, along with case studies of companies on the vanguard of this major shift, the authors identify the seven imperatives that leaders must follow as the digital age continues to evolve: Reimagine your company's place in the world Build privileged insights into your customers Create value through ecosystems Break up the traditional organization Reposition your leadership team Reinvent the social contract with your people Disrupt your own leadership approach Together, these seven imperatives comprise a playbook for designing and executing the transformations that are required for companies to succeed in the digital age.

There is no simple strategic method for dealing with the multidimensional nature of digital change. Even the sharpest leaders can become disoriented as change builds, leaving almost nothing certain. Yet to stand still is to fail. Enterprises and leaders must re-master themselves to succeed. Leaders must identify the key macro forces, then lead their organizations at three distinct levels: industry, enterprise, and self. By doing this they can not only survive but clean up. Digital to the Core makes the case that all business leaders must understand the impact the digital revolution will continue to play in their industries, companies, and leadership style and practices. Drawing on interviews with over 30 top C-level executives in some of the world's most powerful companies and government organizations, including GE, Ford, Tory Burch, Babolat, McDonalds, Publicis and UK Government Digital Service, this book delivers practical insights from those on the front lines of major digital upheaval. The authors incorporate Gartner's annual CIO and CEO digital survey research and also apply the deep knowledge and qualitative insights they have acquired as practitioners, management researchers, and advisors over decades in the business. Above all else, Raskino and Waller want companies and their top leaders to understand the full impact of digital change and integrate it at the core of their businesses.

It is actually possible to innovate in government? Can a public sector CIO build a great culture and drive digital transformations? Yes! And, this book tells you how. Value-Driven is the definitive leadership guide for the public sector Chief Information Officer. Learn what it takes to be a great CIO, driving digital transformation and innovation in the public sector. Value-Driven is equally valuable for non-CIO public sector leaders, including elected officials, seeking to understand the role of technology and the CIO in their organization. The book highlights the best methods and

ways to drive change, create a both effective and efficient IT group. Digital transformation is no longer news—it's a necessity. Despite the widespread threat of disruption, many large companies in traditional industries have succeeded at digitizing their businesses in truly transformative ways. The New York Times, formerly a bastion of traditional media, has created a thriving digital product behind a carefully designed payroll. Best Buy has transformed its business in the face of Amazon's threat. John Deere has formed a data-analysis arm to complement its farm-equipment business. And Goldman Sachs and many others are using digital technologies to reimagine their businesses. In Driving Digital Strategy, Harvard Business School professor Sunil Gupta provides an actionable framework for following their lead. For over a decade, Gupta has studied digital transformation at Fortune 500 companies. He knows what works and what doesn't. Merely dabbling in digital or launching a small independent unit, which many companies do, will not bring success. Instead you need to fundamentally change the core of your business and ensure that your digital strategy touches all aspects of your organization; your business model, value chain, customer relationships, and company culture. Gupta covers each aspect in vivid detail while providing navigation tips and best practices along the way. Filled with rich and illuminating case studies of companies at the forefront of digital transformation, Driving Digital Strategy is the comprehensive guide you need to take full advantage of the limitless opportunities the digital age provides.

Is your business ready to win in the digital future—or destined to be disrupted? Ambitious digital-driven startups are now creating and cornering new markets in every sector. And yet, most legacy businesses continue to operate by old playbooks. Most are not keeping pace with the changes in their industry, let alone leading the way—what is yours doing? The Digital Matrix will help you understand the three types of players that are shaping the new business landscape; the three phases of transformation that every firm will encounter on its journey to business reinvention; and the three winning moves that will ensure your company's success along the way. With The Digital Matrix, you will: Learn to navigate the world of digital ecosystems. Discover ways of competing and collaborating with other companies to create and capture value. Realize how powerful machines can amplify your company's human talent. Learn to assemble the team to experiment with new ideas, re-examine your core beliefs, and reinvent your business rulebook for the digital future. The future of every industry is digital, and that future is closer than you think. Do you understand where your business fits into the bigger picture? Are you ready to maximize your opportunities? Packed with current case studies and practical experience-based advice, The Digital Matrix shows you how to rethink your business model from the outside in, assemble the right team for the journey ahead, and make bold strategic choices along the three phases of digital transformation. Your company's future depends on its ability to harness digital technology. Don't wait!

Plugging In IT to Light up Your Business

Lessons from Singapore's First CIO

How Established Companies Sustain Competitive Advantage From Now to Next

A Guide to Reimagining Your Business

Digital @ Scale

Strategic Information Technology

See Sooner, Act Faster

17th European, Mediterranean, and Middle Eastern Conference, EMCIS 2020, Dubai, United Arab Emirates, November 25–26, 2020, Proceedings

The integration of technological innovations, such as In-Memory Analytics, Cloud Computing, Mobile Connectivity, and Social Media, with business practice can enable significant competitive advantage. In order to embrace recent challenges and changes in the governance of IT strategies, SAP and its think tank – the Business Transformation Academy (BTA) – have jointly developed the Digital Capability Framework (DCF). Digital Enterprise Transformation: A Business-Driven Approach to Leveraging Innovative IT by Axel Uhl and Lars Alexander Gollnitsch outlines the DCF which comprises six specific capabilities: Innovation Management, Transformation Management, IT Excellence, Customer Centricity, Effective Knowledge Worker, and Operational Excellence. In cooperation with the University of Applied Sciences and Arts Northwestern Switzerland, University of St. Gallen (Switzerland), Queensland University of Technology (Australia), University of Liechtenstein (Principality of Liechtenstein), and Karlsruhe Institute of Technology (Germany), SAP and the BTA have been validating each capability and the corresponding maturity models based on analyzing several "lighthouse" case studies comprising: SAMSUNG, IBM, Finanz Informatik, The Walt Disney Company, Google Inc., HILTI AG. Digital Enterprise Transformation presents how these companies take advantage of innovative IT and how they develop their digital capabilities. On top the authors also develop and present a range of novel yet hands-on Digital Use Cases for a number of different industries which have emerged from innovative technologies like Big Data, Cloud Computing, ID Printing and Internet of Things.

Successfully navigate the changing face of the CIO role Strategic Information Technology offers CIOs a handbook for engaging with the senior management conversations surrounding strategy. The CIO role is currently undergoing a massive transition from technology-focused expert to a more strategic mindset, and this book provides proven methods for taking your seat at the table. Lessons from high-performing CIOs and a wealth of leading-edge insight provide invaluable guidance for positioning technology as a strategic driver across the business, while a focus on building the necessary connections—for example, an alliance between IT and HR—provide a multimodal approach to navigating the transition. The evolution of the CIO's role involves more than simply technical knowledge; the new CIO must be an influencer, an engager, and just as adept at the soft skills that become increasingly crucial as you climb the management ladder. It's about changing mindsets, translating hard skills into strategic advantages, and demonstrating IT's value to the strategic decision making process. This book provides best practices, illustrative examples, and up-to-date perspective for CIOs wanting to: Position IT as a critical driver of overall strategy Build on functional expertise with strategic insight Learn from the stories of successful tech-to-strategy transformations Engage C-Suite peers in shaping the strategic conversation Not long ago, the CIO occupied a unique place in the C-Suite. Executive by title, CIOs have nevertheless been seen as predominantly the "chief tech expert" with little input into strategy, as IT has historically been regarded as a tool rather than a source of competitive advantage. The truth is becoming increasingly apparent, with companies around the world turning to their CIOs for leadership, and CIOs are beginning to claim their place in strategy discussions. Strategic Information Technology offers much needed guidance for a successful transformation.

Delve into industrial digital transformation and learn how to implement modern business strategies powered by digital technologies as well as organization and cultural optimization Key FeaturesIdentify potential industry disruptors from various business domains and emerging technologiesLeverage existing resources to identify new avenues for generating digital revenueBoost digital transformation with cloud computing, big data, artificial intelligence (AI), and the Internet of Things (IoT)Book Description Digital transformation is the book that you need to read to stay relevant in the digital age. This book is a comprehensive guide to digital transformation, covering everything from the basics of digital transformation to advanced topics relating to overcoming various challenges. Later, the book will take you through case studies in both private and public sector organizations. You'll explore private sector organizations such as industrial and hi-tech manufacturing in detail and get to grips with public sector organizations by learning how transformation can be achieved on a global scale and how the resident experience can be improved. In addition to this, you will understand the role of artificial intelligence, machine learning and deep learning in digital transformation. Finally, you'll discover how to create a playbook that can ensure success in digital transformation. By the end of this book, you'll be well-versed with industrial digital transformation and be able to apply your skills in the real world. What you will learnGet up to speed with digital transformation and its important aspectsExplore the skills that are needed to execute the transformationFocus on the concepts of Digital Thread and Digital TwinUnderstand how to leverage the ecosystem for successful transformationGet to grips with various case studies across industries in both private and public sectorsDiscover how to execute transformation at a global scaleFind out how AI delivers value out how AI delivers value in the transformation journeyWho this book is for IT leaders, digital strategy leaders, line-of-business leaders, solution architects, and IT business partners looking for digital transformation opportunities within their organizations. Professionals from service and management consulting firms will also find this book useful. Basic knowledge of enterprise IT and some intermediate knowledge of identifying digital revenue streams or internal transformation opportunities are required to get started with this book.

This book describes how chief information officers (CIOs) can embrace and drive the digital transformation by providing innovative leadership that uses old skills in a novel way. The book explores ways in which new actors and factors will play a key role in this process and how new relations can be created among things, data, and people. In addition, the design of digital organizations and the implementation of digital technologies are carefully examined and it is explained how digital workspaces can be designed, organized, and used. A set of methods is provided for linking new digital tools in order to meet the goals and challenges of building a digital enterprise. The digital economy is disrupting the way of interaction within value chains, creating fresh spaces for competition and novel ecosystems. With the advent of social media networking, mobility, big data and cloud computing, 4.0 manufacturing, etc., we are witnessing the birth of new digital organizations. However, sharing of leadership of this change among different actors can create disorder and inefficiency. Against this background, the future role of the CIO will be crucial.

"Leading Digital makes the provocative argument that the next imminent phase of digital technology adoption - driven by the convergence of mobility, analytics, social media, cloud computing, and embedded devices - will make everything that's happened so far look like a prelude. The authors, a trio of highly regarded thought leaders on corporate digital transformation, say changes in the digital realm so far have focused on high tech and media companies - but there's still a whopping 94% of the business economy that needs to change. This book will show them how. George Westerman of MIT, Didier Bonnet of Capgemini Consulting, and Andrew McAfee, also at MIT, say there is opportunity for these businesses to learn from those that have already mastered the digital landscape. Based on a study of more than 400 large, mainstream firms in every industry around the globe, the authors usefully break down how these organizations have used their own digital transformation to gain strategic, competitive advantage. Readers will learn how these digital leaders have transformed their businesses through smart and rigorous digital investments, and through smart and effective leadership of the change. Leading Digital offers practical, real-life tested frameworks that can be instantly applied. Case studies include Nike, Caesars, Burberry, Asian Paints, Pages Jaunes, Codelco, and more--"

The CIO's Handbook for Digital Transformation and Innovation in the Public Sector

The Digital Transformation Success Formula

The Cio's Journey

The Playbook You Need to Transform Your Company

Rethink Your Business for the Digital Age

Innovation Breakthrough

How Great Leaders Transform Their Organizations and Shape the Future

The Digital Matrix

Breakthrough innovation is new to the world. It is something that no one else has done before; really original, something that couldn't have been possible. It is the innovation that opens the organization to new markets or changes the way customers interact with the market or the industry. Breakthrough Innovation is disruptive and will change your organization in many fields with high return and high risks. You need new mindsets, new technologies, new processes, new customers, new knowledge, and maybe a new business model. The differentiation between incremental and breakthrough innovation relates to the degree to which a particular innovation changes the competitive landscape or the degree of impact it makes to its vertical industry. All that makes them very risky but it is perhaps worth the effort because it significantly increases return on investment. Technically, discovering and managing breakthrough innovation is an interdisciplinary approach with multiple perspectives scientifically, philosophically, and spiritually.

Digital transformation is not about technology—it's about change. In the rapidly changing digital economy, you can't succeed by merely tweaking management practices that led to past success. And yet, while many leaders and managers recognize the threat from digital—and the potential opportunity—they lack a common language and compelling framework to help them assess it and guide them in responding. They don't know how to think about their digital business model. In this concise, practical book, MIT digital research leaders Peter Weill and Stephanie Woerner provide a powerful yet straightforward framework that has been field-tested globally with dozens of senior management teams. Based on years of study at the MIT Center for Information Systems Research (CISR), the authors find that digitization is moving companies' business models on two dimensions: from value chains to digital ecosystems, and from a fuzzy understanding of the needs of end customers to a sharper one. Looking at these dimensions in combination results in four distinct business

models with which to think about digital transformation and operating as a digital business are critical to organization survival • Unpacks the different digital business capabilities required to effectively compete as a digital business • Considers the new or digitally enhanced competencies required of leaders, managers, and their supporting professionals to effectively play their roles in digital transformation • Discusses how leaders, managers, and their supporting professionals can keep up with digital technology advancements • Unpacks key digital technology advancements, providing a plain language understanding of what they are, how they work, and their implications for organizations. Enriched with pedagogical features to support understanding and reinforce learning, such as reflective questions, learning summaries, and case studies, and supported by a suite of instructor materials, this textbook is an ideal choice for teachers that want to enable their information systems, information technology, and digital business students to compete and thrive in the contemporary business environment. Explore the insights of a world-leading CIO as he expounds on the challenges faced by technology executives and how to overcome them As the pace of change in business continues to rapidly accelerate, Chief Information Officers and Chief Technology Officers are often left with accountability for future-proofing their organizations. Renowned professor, executive, and author Alex Siow shows you how you can meet that challenge while managing the information overload that often accompanies these positions. In Leading with IT: Lessons from Singapore's First CIO, the author uses his expansive and impressive experience in academia and industry to lead you down a path to achieving success as a CIO or CTO. Filled with practical tips, case studies, and personal insights, the book discusses: The management of legacy information and telecommunications technology The information overload often suffered by technology executives How to motivate and mentor a workforce How to manage change effectively The fostering of innovation The future of money, work, and artificial intelligence Perfect for CIOs, CTOs, and the executives, managers, and employees who work with and for them, Leading with IT delivers an engaging and insightful exploration of what it takes to achieve astounding results at the intersection of technology and business.

This book argues that "organizing" is a broader term than managing, as it entails understanding how people and machines interact with each other; how resources, data, goods are exchanged in complex and intertwined value chains; and how lines of action and activities can be articulated using flexible protocols and often ad-hoc processes in situated practices of use and production. The book presents a collection of research papers shedding new light on these phenomena and related practices from both academic and professional perspectives. Given the plurality of views that it offers, the book makes a relevant contribution to the understanding and appreciation of the complexity of the digital world at various levels of granularity. It focuses on how individuals, communities and the cooperative societies of our new, global and hyperconnected world produce value and pursue their objectives and ideals in mutually dependent ways. The content of the book is based on a selection of the best papers - original double-blind peer-reviewed contributions - presented at the annual conference of the Italian chapter of the AIS, which was held in Milan, Italy in October 2017.

The Future of IT guides are designed to give you the same support and value a high-profile expert would deliver. It's not a book you read leisurely to relax and sleep, see it as your best digital transformation advisor, it's part of our digital learning and consulting (L&CTM) services. This 80-page guide of actionable and vital advises drives you through the digital economy's impacts on businesses and on the IT function, the key steps, approaches and tools to transforming your IT organization, the approach to reengineer your IT operating model and IT infrastructure, and the adoption of the digital enterprise's organizational and operational changes. The digital transformation approach in this book has been widely featured in several major online IT medias including Dell Power More in the article "TaaS: The Future of the CIO" and Germany's ComputerWoche in "IT as a Service: Was CIOs dafür tun müssen."

Driving DigitalThe Leader's Guide to Business Transformation Through TechnologyAMACOM

Digital Transformation Explained to CIOs

Digital Business Transformation

Turning Technology Into Business Transformation

Driving Digital

How to Transform Your Company Into a Digital Leader

CIOs and the Digital Transformation

How CIOs Create and Communicate Value

Transformation Strategy for the Digital CIO

A blueprint for reinventing the core of your business Value in the next phase of the digital era will go to those companies that don't just try digital but also scale it. Digital@Scale examines what it takes for companies to break through the gravitational pull of their legacy organizations and capture the full value of digital. Digging into more than fifty detailed case studies and years of McKinsey experience and data, the authors, along with a group of expert contributors, show how companies can move beyond incremental change to transform the business where the greatest value is generated—at its core. The authors provide practical insights into the three pillars of digital transformations that successfully scale: reinventing the business model, building out a business architecture from the customer back into the organization, and establishing an 'amoeba' IT and organizational foundation that learns and evolves. This is the ideal guide for all leaders who recognize the power and promise of a digital transformation.

Former Procter & Gamble Vice President for IT and Shared Services, Tony Saldanha gives you the keys to a successful digital transformation: a proven five-stage model and a disciplined process for executing it. Digital transformation is more important than ever now that we're in the Fourth Industrial Revolution, where the lines between the physical, digital, and biological worlds are becoming ever more blurred. But fully 70 percent of digital transformations fail. Why? Tony Saldanha, a globally awarded industry thought-leader who led operations around the world and major digital changes at Procter & Gamble, discovered it's not due to innovation or technological problems. Rather, the devil is in the details: a lack of clear goals and a disciplined process for achieving them. In this book, Saldanha lays out a five-stage process for moving from digitally automating processes here and there to making digital technology the very backbone of your company. For each of these five stages, Saldanha describes two associated disciplines vital to the success of that stage and a checklist of questions to keep you on track. You want to disrupt before you are disrupted—be the next Netflix, not the next Blockbuster. Using dozens of case studies and his own considerable experience, Saldanha shows how digital transformation can be made routinely successful, and instead of representing an existential threat, it will become the opportunity of a lifetime.

This book focuses on developing alignment as the foundation for a successful digital enterprise. Over the last decade, digital technology has made deep inroads into every walk of life, but perhaps nowhere more than in the world of business. Technology now plays an enhanced role in driving business success, creating an entirely new paradigm in which business and technology are inseparable. Enterprises must ride the digital wave without losing their grip on the business basics to stay afloat. In this environment, business outcome is heavily dependent on the close alignment between business and technology. Aligning Technology with Business for Digital Transformation is a guide to discovering the power of business-technology alignment. Gleaned from decades of experience with global corporations that have shaped the current business-technology landscape, it covers an indispensable organizational requirement in a simple and relatable way. The book focuses on developing alignment as the foundation for a successful digital enterprise. Interlaced with real-life examples and anecdotes, it should help not only organizations in unlocking their true potential but also individuals in building the skills and aptitude necessary for succeeding in the digital world.

The impact of digital disruption is so profound that World Economic Forum (WEF) has termed this phenomenon as The Fourth Industrial Revolution. The uniqueness of this revolution is in the pace and scale of change. This phenomenal outreach has disrupted business models of incumbent companies and industries. Digital Transformation has been the response mechanism of incumbent organisations to counter the pervasive threat of digital disruption and disruptors. The author defines Digital Transformation as a convergence of Strategic Redesign of the Enterprise, Advanced Technologies intervention at all levels of the Enterprise and Effective Change Management. The author feels that executing Digital Transformation should be a critical mandate in corporations and shares the methodology that would work in most organisational situations. This book would provide guidance for the new breed of technology leaders - The Digital CIO in powering Digital Transformation of organisations. Core topics in the book This book is structured around the Digital Transformation methodology forged by the author in the real world environment of transformation initiatives (DigitalCIO LIVE(tm)). This methodology is a five stage process for designing a transformed organisation. It includes, 1. Assessment of the industries in a digitally disruptive environment. 2. Assessment of your organisation's core strength and its readiness for Digital Transformation. 3. Identify the key transformation challenges for your Enterprise. 4. Introduction to Sequenced Transformation Strategy(tm). 5. Digital Transformation implementation through a comprehensive road map. This book was shaped in the real world of implementing technology powered change management in global organisation. The author's engagement with the broader industry, business leaders, peer CIOs, CDOs and transformation leaders deepened the foundation of his transformation methodology. This book arms you to embark on Digital Transformation journey with confidence and discover uncommon business value in your Enterprise. You can reach out to the author for exchange of ideas through email vivek.vishnu@gmail.com or LinkedIn messaging.

Unavailable stories and lessons that will help you tackle one of the most challenging jobs in technology and business – leading transformation In Digital Trailblazer: Essential Lessons to Jumpstart Transformation and Accelerate Your Technology Leadership. Isaac Sacolick, a technology leadership expert and a former CIO and CTO, delivers a hands-on guide to help technology and business professionals at all stages of their careers acquire the skills necessary to drive transformative change. With an eye-opening collection of stories and more than 50 lessons, Sacolick gives readers a view into what goes on behind-the-scenes in leading digital transformations. From tense IT Ops conference calls to make-or-break executive meetings, Sacolick presents the challenging scenarios faced by product, technology, and data leaders and helps readers learn to lead transformations and become Digital Trailblazers. In the book you will: Step out of your comfort zone and develop the management and leadership skills required to influence executives and win over detractors in driving technology changes Learn how to transform experiences, lead data driven organizations, and foster high performance teams Discover how to deliver innovation, empower agile self-organization, and evolve standard digital practices that drive culture changes in your organization A can't-miss resource for product, technology, and data leaders – from those aspiring to leadership roles through vice presidents, CIOs, CTOs, and CDOs, Digital Trailblazer delivers real-word stories and need-to-know lessons that will accelerate your technology leadership journey.

The Surprising Disciplines of How to Take Off and Stay Ahead

The Digital Transformation Playbook

Driving Digital Strategy

Organizing for the Digital World

Beyond Digital

Secure Cloud Transformation

Getting to Nimble

How Consumerism, Technology and Pandemic are Accelerating the Future

This book is a reference guide for healthcare executives and technology providers involved in the ongoing digital transformation of the healthcare sector. The book focuses specifically on the challenges and opportunities for health systems in their journey toward a digital future. It draws from proprietary research and public information, along with interviews with over one hundred and fifty executives in leading health systems such as Cleveland Clinic, Partners, Mayo, Kaiser, and Intermountain as well as numerous technology and retail providers. The authors explore the important role of technology and that of EHR systems, digital health innovators, and big tech firms in the ongoing digital transformation of healthcare. Importantly, the book draws on the accelerated learnings of the healthcare sector during the COVID-19 pandemic in their digital transformation efforts to adopt telehealth and virtual care models. Features of this book: Provides an understanding of the current state of digital transformation and the factors influencing the ongoing transformation of the healthcare sector. Includes interviews with executives from leading health systems. Describes the important role of emerging technologies, EHR systems, digital health innovators, and more. Includes case studies from innovative health organizations. Provides a set of templates and frameworks for developing and implementing a digital roadmap. Based on best practices from real-life examples, the book is a guidebook that provides a set of templates and frameworks for digital transformation practitioners in healthcare.

In a global and digital society, businesses are constantly being challenged by innovative and disruptive management strategies. The dramatic changes that took place in all corners of the world during the COVID-19 pandemic confirmed that companies need to update their resources and anticipate trends. The current changes introduced by digitalization offer endless innovation scenarios and strategic opportunities to companies but also demand an accurate and structured analysis of drivers, motivations, and determinants for success in this transformation. The Handbook of Research on Smart Management for Digital Transformation analyzes the drivers of digital transformation in businesses and assesses digital transformation success factors in the short, medium, and long run. This critical reference source is comprised of theoretical and empirical chapters as well as case studies on digital adoption by companies in different business sectors. Covering topics such as brand messaging, digital media platforms, and success determinants, this book is an essential resource for managers, researchers, educators of higher education, business students, digital strategists, business associations, communication and marketing agencies, entrepreneurs, and academicians.

The integration of technological innovations, such as In-Memory Analytics, Cloud Computing, Mobile Connectivity, and Social Media, with business practice can enable significant competitive advantage. In order to embrace recent challenges and changes in the governance of IT strategies, SAP and its think tank – the Business Transformation Academy (BTA) - have jointly developed the Digital Capability Framework (DCF). Digital Enterprise Transformation: A Business-Driven Approach to Leveraging Innovative IT by Axel Uhl and Lars Alexander Gollerita outlines the DCF which comprises six specific capabilities: Innovation Management, Transformation Management, IT Excellence, Customer Centricity, Effective Knowledge Worker, and Operational Excellence. In cooperation with the University of Applied Sciences and Arts Northwestern Switzerland, University of St. Gallen (Switzerland), Queensland University of Technology (Australia), University of Liechtenstein (Principality of Liechtenstein), and Karlsruhe Institute of Technology (Germany), SAP and the BTA have been validating each capability and the corresponding maturity models based on analyzing several 'lighthouse' case studies comprising: SAMSUNG, IBM, Finanz Informatik, The Walt Disney Company, Google Inc., HLTl AG. Digital Enterprise Transformation presents how these companies take advantage of innovative IT and how they develop their digital capabilities. On top the authors also develop and present a range of novel yet hands-on Digital Use Cases for a number of different industries which have emerged from innovative technological trends such as: Big Data, Cloud Computing, 3D Printing and Internet of Things.

If you're a general manager or CFO, do you feel you're spending too much on IT or wishing you could get better returns from your IT investments? If so, it's time to examine what's behind this IT-as-cost mind-set. In The Real Business of IT, Richard Hunter and George Westerman reveal that the cost mind-set stems from IT leaders' inability to communicate about the business value they create-so CIOs get stuck discussing budgets rather than their contributions to the organization. The authors explain how IT leaders can combat this mind-set by first using information technology to generate three forms of value important to leaders throughout the organization: - Value for money when your IT department operates efficiently and effectively -An investment in business performance evidenced when IT helps divisions, units, and departments boost profitability -Personal value of CIOs as leaders whose contributions to their enterprise go well beyond their area of specialization The authors show how to communicate about these forms of value with non-IT leaders-so they understand how your firm is benefiting and see IT as the strategic powerhouse it truly is.

Compared to other CxO positions, the CIO role is considerably new with about three decades of history. But the contemporary CIO is one of the most sophisticated leadership positions in modern businesses. Great CIOs have multiple personas, varying personalities, and impressive leadership profiles. The book "12 CIO Personas: The Digital CIO's Situational Leadership Practices" is the extensive brainstorming and logical content expansion of my book "CIO Master: Unleash the Digital Potential of IT," to reimagine and reinvent CIO leadership via practicing multitudes of digital influence.

Designed for Digital

Driving Business Strategies with Data Science

Accelerate digital transformation with business optimization, AI, and Industry 4.0

Why Digital Transformations Fail

A Business-Driven Digital Transformation Framework for Industry 4.0

How Vigilant Leaders Thrive in an Era of Digital Turbulence

Leading Digital

A New Leadership Role

Companies across all industries are leveraging digital technologies to transform outdated processes and build new business models to compete in the information age. For all the publicity and hype, successful digital transformation has proven to be elusive. Numerous studies have found more than half of all digital transformation efforts fail. Digitally Deaf explores the obstacles and inhibitors that derail transformation efforts and outlines the steps organizations should take to establish an environment for success. Written by a highly experienced CIO, Digitally Deaf illustrates symptoms and underlying issues through the author's experiences at large, Fortune 250 organizations. Digitally Deaf establishes a framework for digital transformation execution beginning with the development of a common definition and language for transformation. Learn the roles of the board of directors and leadership in establishing the appropriate messaging, governance, and organizational structure to drive digital efforts. Realize how digital transformation efforts amplify common problems encountered in typical technology projects. Discover how the IT organization must transform to enable the agility needed to fuel new digital business models. Finally, learn to spot the symptoms of issues that undermine transformation success and how to address them. "On the topic of digital transformation, Steve addresses the mind set shift that is needed to be successful, leveraging relatable examples across multiple industries. Digitally Deaf offers a very relevant perspective on what it takes to move a traditional organization into the digital age." Boris Sherman, CTO Tailored Brands "Stone, as a former CIO, accurately outlines the challenges associated with new technologies and the benefits of implementing a digital-first culture. This book helps business and technology leaders understand the landscape and how to embrace digital to create new sources of value in their organizations." Jonathan Brassington, Head, Capgemini Invent North America

Leading with IT

Information Systems

Depict Innovation as a System

IT for Individuals, Communities and Societies

Industrial Digital Transformation

Value-Driven

Essential Lessons to Jumpstart Transformation and Accelerate Your Technology Leadership

Why Organizations Struggle with Digital Transformation