

2016 Innovation Symposium:

The Intelligent Enterprise

September 27–28, 2016

Harvard University

Cambridge, Massachusetts



Hosted by the Technology and Entrepreneurship Center at Harvard



2016 Strategic Innovation Symposium:

The Intelligent Enterprise

Come to Harvard to learn how the Intelligent Enterprise can improve your operations, help you make better decisions, and ultimately grow your business faster.

The convergence of megatrends including the Internet of Things (IoT), mobility, and cloud computing have led to a new operational paradigm known as the Intelligent Enterprise.

As physical assets are given a digital voice, the Intelligent Enterprise allows businesses to run operations more efficiently and make better decisions with improved real-time visibility. Achieving greater enterprise asset intelligence offers businesses a sense of what is happening in their operations, provides them with a way to quickly analyze the information and gives them a platform to act on it to reach higher levels of growth, productivity, and service.

In order to further examine the Intelligent Enterprise, the Technology and Entrepreneurship Center at Harvard (TECH), with support from Zebra Technologies, is convening the 2016 Strategic Innovation Symposium: The Intelligent Enterprise. At the Symposium, we will define what an Intelligent Enterprise is and explore best practice and opportunities for organizations of varying sizes and industries. We will take a deep dive into topics concerning infrastructure, management, IoT technologies, and enterprise asset intelligence.



We will focus our learning, sharing and discussions around key questions, including:

- What are the key aspects and best practices of an Intelligent Enterprise?
- What resources are needed to seed and foster innovation in Intelligent Enterprise?
- What factors impact the readiness of businesses to transform their organizations?
- How can businesses leverage existing tech investments at the edge of their enterprise in converting the physical to digital?
- What successes, key learnings, and challenges do businesses face in this space and how do they overcome them?
- How can organizations become more intelligent regardless of their level of investment to date? And what can organizations do now to be future-ready?
- What is the explicit value of becoming a more intelligent enterprise in terms of productivity and service?

Key learnings from the Symposium will be gathered into a Findings Report that will evaluate key questions raised during the proceedings and feature relevant insights and case studies. Participants will receive priority access to insights and content.

This invite-only Symposium will bring together today's leading executives, experts, thought leaders, and policy makers to explore these important topics. Other applicants will be reviewed and accepted on a case-by-case basis. As attendance is limited, we encourage you to apply soon. This event is complimentary, and there is no tuition fee to attend. However, travel and hotel expenses are the responsibility of individual participants.

Learn more about the Symposium at:

<http://theinnovatorsforum.org/intelligent-enterprise>

Speakers



Internet of Things: Past, Present, and Future

Kevin Ashton Co-Founder, Auto ID Center at MIT

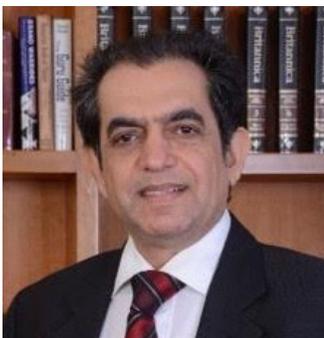
Kevin Ashton is a visionary technologist and an expert in digital transformation. He coined the term “the Internet of Things.” The European Commission, the Chinese government, and the US National Intelligence Council all describe the Internet of Things as one of the major technologies of the 21st Century. In 2013, the term was added to the Oxford Dictionaries. He is the author of the *How To Fly A Horse: The Secret History of Creation, Invention, and Discovery*, which was described by the *Toronto Post* as “the last book about creativity you’ll ever need to read,” and named 2015 800-CEO-READ Business Book of the Year. His writing about innovation and technology has appeared in the *New York Times*, *The Atlantic*, *Politico*, and *Quartz*. He co-founded the Auto-ID Center at MIT and took it from a converted broom closet to a global organization with six labs around the world, 103 corporate sponsors, and over a hundred researchers. And he has led three highly successful tech start-ups, most recently Zensi, which he co-founded and sold to Belkin in 2010. As a result, Kevin has a unique, real-world perspective on what it takes to build organizations that are innovative and how to be an innovator in organizations that aren’t. He has been called “the father of the Internet of Things” by *Newsweek*; “a modern-day Johnny Appleseed” by *Wired* and “a man who will change the world” by *RFID Journal*. He makes the complicated clear and simple using compelling, engaging true stories and case studies; always makes his audience laugh; and is always willing to tailor his lively, practical lectures to the specific needs of his audience.



The Intelligent Enterprise: Real-Time Data Is Enabling Big-Time Return

Tom Bianculli CTO, Zebra Technologies

Tom Bianculli serves as the Chief Technology Officer (CTO) of Zebra Technologies. In this role, Bianculli is responsible for the exploration of emerging opportunities, coordinating with product teams on advanced product development and Internet of Things (IoT) initiatives. The Chief Technology Office is comprised of engineering, business, customer research and design functions. Bianculli has been granted over 20 U.S. patents and is a Zebra Distinguished Innovator and Science Advisory Board Associate. Bianculli holds Bachelor of Science and Master of Science degrees in Electrical Engineering from Polytechnic University, NYU. He also serves on the Board of Directors for the School of Engineering for the New York Institute of Technology.



Case in Point: Logistics in India

Yogesh Dhingra CFO & COO, Blue Dart Express Limited

Yogesh Dhingra is CFO & COO of Blue Dart Express Limited, South Asia’s premier number one air express and integrated transportation, distribution and logistics Company and part of the Deutsche Post DHL group. He is responsible for Finance, Accounts, Risk, Legal, Secretarial, IT and Operations of Blue Dart. He has been a Blue Darter for over 21 years, with an overall experience of 29 years across diverse industries.



Case in Point: Leveraging Wireless Technology for Improving Communication During Neonatal Resuscitation

Colleen Hughes Driscoll Assistant Professor of Pediatrics

Colleen Hughes Driscoll, M.D. is a practicing neonatologist at the University of Maryland Children’s Hospital. She received medical training at Upstate Medical University, University of Maryland Medical Center, and Johns Hopkins School of Medicine. She received training in Health Care Delivery Improvement from Intermountain Institute for Healthcare Leadership Advanced Training Program. As the Director of Quality Improvement for the Neonatal Intensive Care Unit, she has led quality improvement projects to improve patient care and communication surrounding patient care. She has taught trainees in Neonatal-Perinatal Medicine on quality improvement methodologies and has mentored several trainee-led quality improvement projects.



Case in Point: Data and Trends in Intelligent Systems

Scott Drobner Senior Director, Business and Market Intelligence, Zebra Technologies

Scott leads global business and market intelligence for Zebra Technologies (NASDAQ: ZBRA). The Business and Market Intelligence unit provides fact-based insights into defined markets, competitors, and customer/partner needs to influence decision-making and strategic planning. Scott joined Symbol Technologies (acquired by Motorola in 2007 and Zebra Technologies in 2014) in 2004 from research and consulting firm InfoTech where he served as program director for its Enterprise Mobility Practice. His twenty-year IT and telecom career also includes market research management positions at Doubleclick (acquired by Google), Dealtime.com (acquired by eBay), AMI Partners and Jupiter Communications (acquired by Forrester Research).



Making Businesses Smarter with Enterprise Intelligence

Anders Gustafsson CEO, Zebra Technologies

Anders Gustafsson became chief executive officer and a director of Zebra on September 4, 2007. Prior to joining Zebra Technologies, Mr. Gustafsson served as CEO of Spirent Communications plc, a publicly traded telecommunications company. At Spirent, Mr. Gustafsson redirected that company's growth strategy, divested non-core operations, integrated historic acquisitions and streamlined the organisation to realize significant cost savings. Prior to Spirent, he was senior executive vice president, global business operations, of Tellabs, Inc. While at Tellabs, Mr. Gustafsson also served as president, Tellabs International, as well as president, global sales, and vice president and general manager, Europe, Middle East and Africa. Mr. Gustafsson has an MBA from the Harvard Graduate School of Business and a Master of Science degree in electrical engineering from Chalmers University of Technology in Gothenburg, Sweden. He was a Fulbright Scholar and received numerous fellowships and scholarships for academic excellence.



Urban Mechanics

Nigel Jacob Co-founder, Mayor's Office of New Urban Mechanics

Nigel Jacob is the Co-founder of the Mayor's Office of New Urban Mechanics, a civic innovation incubator and R&D Lab within Boston's City Hall. Nigel works to develop new models of innovation for cities in the 21st century. Prior to joining the City of Boston in 2006, Nigel worked on a series of technology start-ups in the Boston area. He is also a board member at organizations such as Code For America and coUrbanize, and is an Executive-in-Residence at Boston University. Nigel's work has been written about extensively in magazines such as Wired, MIT Technology Review, Fast Company and books including *The Responsive City*, by Stephen Goldsmith and Susan Crawford and *Smart Cities* by Anthony Townsend. This groundbreaking work has earned Nigel a number of awards including being named a Public Official of the year in 2011 by Governing Magazine, a Whitehouse Champion of Change and the Tribeca Disruptive Innovation award for 2012.



Case in Point: Using Asset Visibility to Drive Operational Effectiveness

Alison Jones Senior Director of NAR Logistics, Whirlpool Corporation

Alison Jones is a member of the Integrated Supply Chain executive leadership team, reporting to Jim Keppler. In this role, Alison is responsible for leading outbound logistics, which includes distribution operations, transportation, international shipments and reverse logistics. She was appointed to this position in November 2015. Prior to joining Whirlpool, she was Global Director of Logistics for Delphi Automotive Systems. Her experience includes over 25 years in various assignments including industrial and application engineering, manufacturing, quality, production control and logistics while at Delphi and previously General Motors.

Alison earned her bachelor's degree in Industrial Engineering at Louisiana Tech University. Her advanced education includes a Masters Degree in Manufacturing Management from Kettering University (formerly GMI) and the completion of the Executive Development program at the Center for Creative Leadership.



Digital Transformation in Healthcare, a Catalyst for Operational Outcomes

Tim Kottak CIO, GE Healthcare

Tim began his career as an officer in the United States Air Force and led research and development programs for imaging and navigation systems. He subsequently joined General Electric and progressed in technology leadership roles in GE's consumer business before joining GE Healthcare in 2002. Within GE Healthcare, he has led global engineering teams to advance wireless, networking and enterprise product offerings for patient monitoring, anesthesia, respiratory and maternal/infant care businesses. Currently, Tim is the Chief Technology Officer (CTO) for GE Healthcare's Service business and leads a global team of technologists, including software and cloud engineering. His team develops and manages digital industrial solutions including connectivity, analytics, remote service, parts distribution, dose excellence, and asset performance management. Tim holds a Bachelors degree in Electrical Engineering from the University of Notre Dame and Masters degree in Engineering Management Science from the University of Dayton.



Case in Point: NFL Player Tracking: Next Gen Stats

Brent Lawton Director, Media Strategy and Business Development

Brent Lawton is a Director of Media Strategy and Business Development at the NFL where he is part of a team that leads strategy and key partnerships for the League. Prior to the NFL, Brent was an Associate in the Media Investment Banking group at Morgan Stanley and a Manager in the Audit group at Deloitte & Touche. Brent holds a BBA in Accountancy from the University of Notre Dame and an MBA from the MIT Sloan School of Management. He lives in Westport, CT with his wife Alexis and two daughters Olivia and Nora.



The Internet of Health Things: Opportunities and Challenges for the Healthcare Enterprise

Yuri Quintana Director, Global Health Informatics, BIDMC and Assistant Professor at Harvard Medical School

Yuri Quintana, Ph.D. is focused on developing innovative technologies that empower communities of professionals and patients. He is Director of Global Health Informatics in the Division of Clinical Informatics, Beth Israel Deaconess Medical Center, and Assistant Professor of Medicine at Harvard Medical School. He is developing global online collaboration networks for health care delivery and applications in mobile health. Previously, he was at St. Jude Children's Research Hospital, where he developed Cure4Kids, a pediatric cancer education and collaboration Website used by thousands of health professionals worldwide. Quintana was a principal investigator in the Canadian HealNet Research Network, and also served as director of the New Media Research Lab developing innovations in interactive media and online education. He has held high-tech positions at IBM Canada Limited and Watcom. Quintana obtained his engineering degrees from the University of Waterloo in Electrical and Computer Engineering and Systems Design Engineering.



Big Data and Machine Learning

Rich Rao Global Head of Devices and Education, Google

Rich Rao leads the global Android, Chrome, and Education businesses within Google for Work. With the leading mobile platform as well as #1 device in US K-12 education, Google is transforming how we learn and work.



Shared Mobility

Paolo Santi Research Scientist, MIT

Paolo Santi is leading the Ambient Mobility joint initiative between MIT Senseable City Lab and Fraunhofer. Dr. Santi has been recently recognized as Distinguished Computer Scientist from ACM. His research interest is in the modeling and analysis of complex systems ranging from wireless multi-hop networks to sensor and vehicular networks and, more recently, smart mobility and intelligent transportation systems. Dr. Santi has authored two books and over 120 scientific papers in the field of mobile computing and modeling of complex systems.



Welcome

Jeff Schmitz CMO, Zebra Technologies

Jeff Schmitz became chief marketing officer of Zebra Technologies in February 2016. Mr. Schmitz most recently served as executive vice president for multiple business units and sales at Spirent Communications where he had previously also held several senior leadership roles including chief marketing officer and vice president of networks & applications. Prior to joining Spirent, Mr. Schmitz held senior marketing positions at Rivulet Communications, Visual Networks and Tellabs Inc. Mr. Schmitz holds a B.S. degree in electrical engineering from Marquette University and a Master of Science degree in computer science from the Illinois Institute of Technology.



Symposium Chair

Dr. David S. Ricketts Innovation Fellow, Technology and Entrepreneurship Center at Harvard

Dr. David S. Ricketts is an Innovation Fellow for the Technology and Entrepreneurship Center at Harvard. He received his PhD from Harvard University and has held appointments at Carnegie Mellon University, Harvard University, MIT and North Carolina State University. For the past decade, Dr. Ricketts has helped shape the Innovation in Science and Technology courses in the School of Engineering and Applied Sciences, in addition to his research on innovation and technology. In 2015, he started the Strategic Innovation Summit and Symposium Series to engage industry, non-profit, government, and other sectors regarding the role of entrepreneurship and innovation in business growth and their impact on society. He teaches and speaks regularly on innovation and business strategy. Dr. Ricketts' focus is on the role of the individual innovator, and he works with senior leaders to develop new innovators and systemic innovation in their companies.

In addition to Dr. Ricketts' innovation research, he is an award-winning scientist and engineer whose innovations have been featured by Popular Science, Smithsonian, NBC News, CBS News, Fox News, ESPN, and many other science news outlets. He is the recipient of the National Science Foundation CAREER Award and the U.S. Defense Advanced Projects Agency (DARPA) Young Investigator Award. His work has appeared twice in Nature, and he has numerous IEEE publications, including a feature article in the Proceedings of the IEEE.

Monday, September 26

6:00 – 8:00 PM

Cocktail Reception for the 2016 Innovation Symposium
(Hors d'oeuvres with Drinks)

Tuesday, September 27

8:00 – 9:00 AM

Energizers: Coffee and Conversation

Registration Available

9:00 – 9:20 AM

Welcome and Introduction

Overview of the Symposium and its goals. This introductory session will frame the Symposium and identify key themes and ideas for exploration.

Introduction by: David S. Ricketts, Harvard University

Welcome by: Jeff Schmitz, CMO, Zebra

9:20 – 10:20 AM

Internet of Things: Past, Present, and Future

Kevin Ashton, Author

10:20 – 10:50 AM

The Intelligent Enterprise: Real-Time Data Is Enabling Big-Time Returns

Tom Bianculli, CTO, Zebra Technologies

10:50–11:20 AM

BREAK

11:20 – 12:00 PM

Panel – Opportunities and Challenges for IoT in Business

12:00 – 1:00 PM

LUNCH - Small group conversation

1:00 – 1:45 PM

Big Data and Machine Learning

Rich Rao, Global Head of Devices and Education, Google

1:45 – 2:05 PM

Case in Point: Logistics in India

Yogesh Dhingra, Blue Dart

2:05 – 2:30 PM

Shared Mobility

Paolo Santi, MIT Senseable City Lab

2:30 – 2:50 PM

Urban Mechanics

Nigel Jacob, Mayor's Office of New Urban Mechanics, City of Boston

2:50 – 3:20 PM

BREAK

3:20 – 3:40 PM

Making Businesses Smarter with Enterprise Intelligence

Anders Gustafsson, CEO, Zebra

3:40 – 4:30 PM

Panel - Trends and Challenges in Intelligent Systems

4:30 – 5:00 PM

Wrap-Up

Dr. David S. Ricketts, Technology and Entrepreneurship Center at Harvard University

5:00 – 6:00 PM

Optional: Guided Tour of Harvard, free time in Harvard Square

6:00 PM–

Dinner with Fellow Attendees

(Dinner is on your own, please see Yelp and OpenTable for suggestions in Harvard and Kendall Squares.)

8:30 – 9:00 AM

Energizers: Coffee and Conversation

9:00 – 9:30 AM

InVision Thinking

Dr. David S. Ricketts, Technology and Entrepreneurship Center at Harvard University

9:30 – 10:00 AM

Case in Point: Data and Trends in Intelligent Systems

Scott Drobner, Senior Director, Business and Market Intelligence, Zebra Technologies

10:00 – 10:45 AM

Digital Transformation in Healthcare, a Catalyst for Operational Outcomes

Tim Kottak, CIO, GE Healthcare

10:45 – 11:15 AM

BREAK

11:15 – 11:45 AM

The Internet of Health Things: Opportunities and Challenges for the Healthcare Enterprise

Yuri Quintana, Director, Global Health Informatics, BIDMC and Assistant Professor at Harvard Medical School

11:45 – 12:15 PM

Case in Point: Leveraging Wireless Technology for Improving Communication During Neonatal Resuscitation

Colleen Hughes Driscoll, MD, Assistant Professor

12:15 – 1:15 PM

LUNCH - Small group conversation

1:15 – 1:35 PM

Case in Point: Using Asset Visibility to Drive Operational Effectiveness

Alison Jones, Senior Director of NAR Logistics, Whirlpool Corporation

1:35 – 2:00 PM

Sports Visualization with Player Tracking

Brent Lawton, Director, Media Strategy & Business Development NFL

2:00 – 2:45 PM

Panel – The Intelligent Enterprise and the Future

2:45 – 3:00 PM

Wrap-Up and Future Focus

Dr. David S. Ricketts, Technology and Entrepreneurship Center at Harvard

3:00 PM

ADJOURN

Participants



Jeff Archer Vice President of Information Technology, Tijuana Flats Restaurants LLC

Few in today's business have had the POS leadership and intellectual opportunities of Jeff Archer. Today as Vice President of Technology for Tijuana Flats Tex Mex a fast growing chain exceeding 121 restaurants, Jeff is on the leading POS edge for technologies such as Europay Visa Master Card (EMV) and Mobile Payment. These are broad examples of necessary technology for any innovative retailer, not just restaurants. 18 years experience at Walt Disney World, including implementing RFID Touch to Pay on 7,000 POS terminals, gives Jeff unique perspectives and knowledge of our industry.

<https://www.linkedin.com/in/jeffwarcher>



Kevin Ashton Co-Founder, Auto ID Center at MIT

Kevin Ashton is a visionary technologist and an expert in digital transformation. He coined the term "the Internet of Things." The European Commission, the Chinese government, and the US National Intelligence Council all describe the Internet of Things as one of the major technologies of the 21st Century. In 2013, the term was added to the Oxford Dictionaries. He co-founded the Auto-ID Center at MIT and took it from a converted broom closet to a global organization with six labs around the world, 103 corporate sponsors, and over a hundred researchers. And he has led three highly successful tech start-ups, most recently Zensi, which he co-founded and sold to Belkin in 2010. As a result, Kevin has a unique, real-world perspective on what it takes to build organizations that are innovative and how to be an innovator in organizations that aren't. He has been called "the father of the Internet of Things" by *Newsweek*; "a modern-day Johnny Appleseed" by *Wired* and "a man who will change the world" by *RFID Journal*. He makes the complicated clear and simple using compelling, engaging true stories and case studies; always makes his audience laugh; and is always willing to tailor his lively, practical lectures to the specific needs of his audience.



Sarah Beardsley Managing Director, Accenture

I advise our clients in technology and telecommunications on using digital to reinvent all aspects of their business.

www.accenture.com



Janet Best DES Engineering Analyst (Digital Engineering Solutions), TE Connectivity

I have been with TE Connectivity since 2004, I started in the manufacturing plant with IT and data mining, promoted to the Business office as an ERP Business Analyst for Finance, currently with the global Digital Engineering Solutions as the SME with RFID Technology, implementing RFID Fixed Asset Tracking globally, branching into multiple projects with RFID Technology and IoT. I have two degrees one in Information Technology and one in Business Management.

www.te.com



Tom Bianculli CTO, Zebra Technologies

Tom Bianculli serves as the Chief Technology Officer (CTO) of Zebra Technologies. In this role, Bianculli is responsible for the exploration of emerging opportunities, coordinating with product teams on advanced product development and Internet of Things (IoT) initiatives. The Chief Technology Office is comprised of engineering, business, customer research and design functions. Bianculli has been granted over 20 U.S. patents and is a Zebra Distinguished Innovator and Science Advisory Board Associate. Bianculli holds Bachelor of Science and Master of Science degrees in Electrical Engineering from Polytechnic University, NYU. He also serves on the Board of Directors for the School of Engineering for the New York Institute of Technology.

www.zebra.com



David Bissonnette Executive Vice President, Strategic Systems & Technology

David Bissonnette is the Executive Vice President of Strategic Systems & Technology, an Atlanta-based leader in enterprise data collection solutions that use the latest in RFID, barcode, and beaconing technology to help clients meet their need for information. Bringing a deep understanding of software development and hardware integration to the organization through his prior work at SAP and CoreCommerce, David has led the company's efforts in launching several award-winning software solutions. Their flagship offering, StrategicRFID, is a software platform designed to transform input from multiple IoT technologies into meaningful data. During his 15-year tenure with Strategic Systems, the organization has been named to the Inc. 5000 list of fastest-growing privately owned companies three times and has become one of the most respected players in the space. David holds an MBA from Emory University and a Bachelor's degree in Finance from the University of Florida.

www.sstid.com



Jeff Bussgang General Partner, Flybridge Capital Partners

Jeff's investment interests and entrepreneurial experience are in consumer, machine learning, artificial intelligence, education, financial, marketplace, mobile and SaaS start-ups. He also serves as a Senior Lecturer at Harvard Business School and teaches a class on entrepreneurship and lean start-ups called Launching Technology Ventures. In this capacity, he has co-authored fifteen HBS cases and notes regarding startup management and entrepreneurship.

www.flybridge.com



Gary Cantrell SVP/Global Chief Information Officer, Jabil Inc.

Gary Cantrell is the Vice President and Chief Information Officer for Jabil Corporation. Since 2013, Cantrell has been responsible for delivering end-to-end technology services including strategy, information security, and solution delivery, across Jabil through a team of 1,200 employees in 28 countries around the world. Cantrell has more than 20 years of leadership experience managing advanced technology product development and information technology. An accomplished executive, his vision and execution have improved performance and technology delivery in the manufacturing and financial service industries while creating substantial operational and cost efficiencies. Previously, Cantrell has held executive management positions as the Chief Information Officer and Vice President of Enterprise Risk Management for Textron Corporation, a multi-industry company with well-known brands in the aircraft, defense, industrial and finance industries.

www.jabil.com



Louis Columbus Director, Global Cloud Product Management, Ingram Cloud

Louis Columbus is currently serving as Director, Global Cloud Product Management at Ingram Cloud, is a contributing columnist for Forbes, and teaches graduate-level marketing and international business courses at a variety of universities. Previous positions include product marketing at iBASEt, Plex Systems, senior analyst at AMR Research (now Gartner), marketing and business development at Cincom Systems, Ingram Micro, a SaaS start-up and at hardware companies. Mr. Columbus' background includes marketing, product management, sales and industry analyst roles in the enterprise software and IT industries. Louis has an MBA from Pepperdine University and completion of the Strategic Marketing Management and Digital Marketing Programs at the Stanford University Graduate School of Business. He has taught at California State University, Fullerton; University of California, Irvine; Marymount University, and Webster University.

<http://www.forbes.com/sites/louiscolombus>



James Craig Director of Product Development, Nova Communications

James Craig is Director of Product Development at Nova Communications where he is creating the next generation of radio system monitoring tools using IOT technologies that help companies know exactly what is happening to their mission critical systems. This brings together his experiences in business, engineering, and development where he created new high-tech products and new companies. Previously, James has worked in the communications and security industries and started his career as a Naval Officer in the Canadian Navy. He has his degrees in Electrical and Industrial Engineering along with an MBA and currently lectures at Dalhousie University in the Engineering Department. James is also a published author, patent holder for a security patent, geek at heart with electronics at home and a sailing and snowboard enthusiast with his family.

www.novacommunications.com



Larry Culp Jr. Senior Lecturer, Harvard Business School

Larry Culp stepped down as Danaher Corporation's Chief Executive Officer and President in September 2014, following a nearly 14-year run during which revenues and market capitalization increased approximately five-fold to nearly \$20 billion and \$50 billion, respectively, while at the same time driving shareholder returns five times that of the S&P 500 Index. He also played a key role in the evolution of the Danaher Business System, the common operating philosophy and model deployed across Danaher. During Mr. Culp's tenure, international sales expanded from approximately 40% of total revenues to almost 60% today and the company deployed approximately \$25 billion for strategic acquisitions. Mr. Culp drove the establishment and growth of Danaher's health care platforms in clinical diagnostics, life sciences and dental. Investors and analysts alike consistently ranked him as one of the top CEOs in the annual Institutional Investor surveys. Harvard Business Review recently named Mr. Culp one of the Top 50 CEOs in the world. Larry is a Senior Lecturer at the Harvard Business School, focusing on leadership and general management.



Rowan Curran Analyst, Forrester Research

Rowan is an Analyst at Forrester Research, specializing in the advanced analytics tools and technology market. His research centers on technologies and practices in streaming and predictive analytics, search and knowledge discovery solutions, spatial and location analytics, and technologies to deliver cognitive and augmented intelligence applications.

<https://www.forrester.com/Rowan-Curran>



Yogesh Dhingra CFO & COO, Blue Dart Express Limited

Yogesh Dhingra is CFO & COO of Blue Dart Express Limited, South Asia's premier number one air express and integrated transportation, distribution and logistics Company and part of the Deutsche Post DHL group. He is responsible for Finance, Accounts, Risk, Legal, Secretarial, IT and Operations of Blue Dart. He has been a Blue Darter for over 21 years, with an overall experience of 29 years across diverse industries.



Greg Dixon Chief Technology Officer, ScanSource, Inc.

Greg Dixon joined ScanSource at its inception in 1992, where he serves as Chief Technology Officer. In this role, Greg develops and manages strategic technological initiatives for ScanSource such as Solution City, RFIDEdge, SUMOpartner and many others. He offers insight as ScanSource's Technology Evangelist. Greg has more than 39 years of experience in the technology arena. He is seen as an industry expert and has been a featured speaker at many industry events over the years. He also served on the Board of Directors for CompTIA and is now active in the Mobility, Managed Services, Unified Communications and Cloud Communities.

www.scansource.com



George Dolbier CTO Social & Interactive Media, IBM

George is IBM's CTO for Social and Interactive Media. This broad role brings innovation, strategy, and best practices from interactive media to broader industries. George's background is as a classically trained computer scientist with over 25 years experience driving business benefit from revolutionary technologies.

<https://www.linkedin.com/in/georgedolbier>



Colleen Hughes Driscoll Assistant Professor of Pediatrics, University of Maryland School of Medicine

Colleen Hughes Driscoll, M.D. is a practicing neonatologist at the University of Maryland Children's Hospital. She received medical training at Upstate Medical University, University of Maryland Medical Center, and Johns Hopkins School of Medicine. She received training in Health Care Delivery Improvement from Intermountain Institute for Healthcare Leadership Advanced Training Program. As the Director of Quality Improvement for the Neonatal Intensive Care Unit, she has led quality improvement projects to improve patient care and communication surrounding patient care. She has taught trainees in Neonatal-Perinatal Medicine on quality improvement methodologies and has mentored several trainee-led quality improvement projects. In 2015, she led the development of a wireless text messaging system to improve communication for neonatal resuscitation, winning the 2016 Intelligent Health Association Grand Award and the Award for Improving Patient Care and Health Delivery. Dr. Driscoll's clinical and research interests involve using technology to improve healthcare delivery and neonatal outcomes.

<http://medschool.umaryland.edu/FACULTYRESEARCHPROFILE/viewprofile.aspx?id=24659>



Scott Drobner Senior Director, Zebra Technologies

Scott leads global business and market intelligence for Zebra Technologies (NASDAQ: ZBRA). The Business and Market Intelligence function to provide fact-based insights into defined markets and customer/partner needs to influence decision-making and strategic planning. Scott joined Symbol Technologies (acquired by Motorola in 2007 and Zebra Technologies in 2014) in 2004 from research and consulting firm InfoTech where he served as program director for its Enterprise Mobility Practice. His twenty-year IT and telecom career also includes market research management positions at Google, eBay, AMI Partners and Forrester Research. Scott holds a B.A. from the State University of New York at Buffalo and an M.B.A. from Dowling College.

www.zebra.com



Andrew Ehlers North America Channel Lead, Central US and Canada, Zebra Technologies

Like you, IoT strategist and tech junkie, Andrew Ehlers has seen the enterprise world change in numerous ways over the years. He has a background in developing and leveraging IoT solutions in Manufacturing, Retail, and Healthcare. He was a member of the team that disrupted the hearing healthcare industry by leveraging technology to drive automation into the manufacturing and supply chain processes. This was accomplished by leveraging 3D printing and scanning, the emerging technologies at the time. Throughout the 1600 retail locations, the team developed an Omnichannel strategy to enhance the in-store experience through mobile applications, WLAN, data analytics and sensors. Lastly, they developed the first hearing aid eco-system for IOS and Android mobile devices to launch the Connected Patient. Andrew currently serves as the leader for the Central US & Canadian Channel business for Zebra and is a member of the strategy team for Enterprise Asset Intelligence.

www.zebra.com



Byron Galbraith Chief Data Scientist, Talla

Byron Galbraith is the Co-founder and Chief Data Scientist of Talla. He has a PhD in Cognitive and Neural Systems from Boston University, where he developed a neural network-based exploratory learning system for assistive robots and decoded brain signals recorded from electroencephalography to enable users to remotely control the robot using only visual attention. He also has an MS in Bioinformatics from Marquette University, with research focused on developing spiking neural network simulations on GPUs. Additionally, Byron has several years of experience as a professional software engineer at companies ranging from a multi-national insurance enterprise to a boutique web development agency.

<http://byrongalbraith.com>



Gary Garcia Director, mbed Partner Ecosystem, ARM

Gary is a technology leader with experience as a consumer and an innovator. Having been a CIO, he understands what it means to implement and apply solutions. He has used that experience to grow startups like StorageWay and Vistara IT, and build solutions like FlexPod while at NetApp. Today, he is using his unique experience to build the ARM mbed Partner community.

www.mbed.org



Jessica Gelman CEO, Kraft Analytics Group (KAGR)

Jessica Gelman is the CEO of Kraft Analytics Group (KAGR), a technology company focused on data management, advanced analytics, and strategic marketing. During a 15-year evolution that began with the Kraft Sports Group (New England Patriots, Gillette Stadium, New England Revolution), Gelman built a team and technology that transformed the business through analytics and continues to power the business side of the Kraft Sports Group. KAGR was created to offer leading organizations the opportunity to collect and understand their data across all platforms while providing the infrastructure to create their own data-driven strategies. Since joining the Kraft Family on the business side of the sports properties in 2002, Gelman has overseen many areas for the Kraft Sports Group, including business operations (ticketing, retail, analytics and business intelligence), customer marketing (database marketing, market research, sales planning, and direct marketing), and strategy. Gelman earned an MBA from Harvard Business School and a BA, cum laude in psychology, from Harvard College. While at Harvard, she was honored as Harvard Female Athlete of the Year.

www.kagr.com



Newsha Ghaeli Research Associate, MIT Senseable City Lab

Newsha Ghaeli explores the future of cities through the transformative power of technology. She is currently a Research Associate at the Massachusetts Institute of Technology and Project Lead at the MIT Senseable City Lab. An architect by training, Newsha's work focuses on the creative application of sensors in urban environments to generate new data streams, promoting resilient, efficient, and intelligent cities. Newsha is currently leading Underworlds: a project detecting pathogens in sewage to monitor urban health parameters, shaping more inclusive public health strategies, and pushing the boundaries of urban epidemiology.

<http://www.ghaeli.com/>



Dr. David W. Glenn CIO Advisory Services, IBM Corporation

IT/Business Operations Executive with over 30 years of experience at the CxO Level. Also, an industry expert doing keynote, editorial, and TV/Radio.

<https://www.linkedin.com/in/davidglenn>



Saurav Gupta Internet of Things (IoT) Technology Leader, Johnson & Johnson

www.jnj.com



Anders Gustafsson CEO, Zebra Technologies

Anders Gustafsson became chief executive officer and a director of Zebra on September 4, 2007. Prior to joining Zebra Technologies, Mr. Gustafsson served as CEO of Spirent Communications plc, a publicly traded telecommunications company. At Spirent, Mr. Gustafsson redirected that company's growth strategy, divested non-core operations, integrated historic acquisitions and streamlined the organization to realize significant cost savings. Prior to Spirent, he was senior executive vice president, global business operations, of Tellabs, Inc. While at Tellabs, Mr. Gustafsson also served as president, Tellabs International, as well as president, global sales, and vice president and general manager, Europe, Middle East and Africa. Mr. Gustafsson has an MBA from the Harvard Graduate School of Business and a Master of Science degree in electrical engineering from Chalmers University of Technology in Gothenburg, Sweden. He was a Fulbright Scholar and received numerous fellowships and scholarships for academic excellence.

www.zebra.com



Nigel Jacob Co-founder, Mayor's Office of New Urban Mechanics

Nigel Jacob is the Co-founder of the Mayor's Office of New Urban Mechanics, a civic innovation incubator and R&D Lab within Boston's City Hall. Nigel works to develop new models of innovation for cities in the 21st century. Prior to joining the City of Boston in 2006, Nigel worked on a series of technology start-ups in the Boston area. He is also a board member at organizations such as Code For America and coUrbanize, and is an Executive-in-Residence at Boston University. Nigel's work has been written about extensively in magazines such as Wired, MIT Technology Review, Fast Company and books including *The Responsive City*, by Stephen Goldsmith and Susan Crawford and *Smart Cities* by Anthony Townsend. This groundbreaking work has earned Nigel a number of awards including being named a Public Official of the year in 2011 by *Governing Magazine*, a Whitehouse Champion of Change and the Tribeca Disruptive Innovation award for 2012.

<http://newurbanmechanics.org/boston/>



Alison Jones Senior Director of NAR Logistics, Whirlpool Corporation

Alison Jones is a member of the Integrated Supply Chain executive leadership team, reporting to Jim Keppler. In this role, Alison is responsible for leading outbound logistics, which includes distribution operations, transportation, international shipments and reverse logistics. She was appointed to this position in November 2015. Prior to joining Whirlpool, she was Global Director of Logistics for Delphi Automotive Systems. Her experience includes over 25 years in various assignments including industrial and application engineering, manufacturing, quality, production control and logistics while at Delphi and previously General Motors.

Alison earned her bachelor's degree in Industrial Engineering from Louisiana Tech University. Her advanced education includes a Masters Degree in Manufacturing Management from Kettering University (formerly GMI) and the completion of the Executive Development program at the Center for Creative Leadership.

<http://whirlpoolcorp.com>



Orhan Karşlilgil CIO, Medivector, Inc.

As the Chief Information Officer at Medivector, Inc., Orhan Karşlilgil is responsible for managing the IT department including the internal Software Development, Biostatistics, and Clinical Data Management groups. The IT department is responsible for all aspects of the infrastructure, including cloud-based services, business continuity, and related activities. The Software group is responsible for developing Medivector's proprietary clinical information systems. Biostatistics and Data Management teams manage the collection and processing of all Clinical Trial data. His teams work with each department to implement and maintain electronic systems, manage computer system validation projects, organize intellectual property, oversee the company intranet, collect, clean, convert and analyze clinical trial data. Prior to joining the Medivector team, Dr. Karşlilgil worked for 12 years as a consultant, managing ERP system implementations, custom software development projects and overseeing an internal IT department serving in excess of 250 users globally. Dr. Karşlilgil earned his Ph.D. from MIT in Chemical Engineering, with a specialization in Process Design and Control. As a Research Scholar post-graduation, Dr. Karşlilgil worked on computational drug design at MIT's Bioinformatics and Metabolic Engineering Lab.

<http://www.medivector.com>



Robin Keller Clerk to Board, Guilford County Government

Working nearly 15 years in local government, in the areas of HR and County Legal Services, Ms. Keller was appointed as the Guilford County Clerk in 2013. Serving as the Clerk to Board for North Carolina's third largest county, Ms. Keller works with the local legislative body and County Administration as the County's primary point of information sharing for its nearly 600,000 residents. The County Clerk's office is responsible for ensuring that all actions of local government are communicated to the public and preserved for future generations. Ms. Keller works closely with the County Leadership to improve local government processes, access to services and ensures transparency through the utilization of technology.

www.myguilford.com



Jaydeo Kinikar Head of Marketing & Strategy, Philips Connected Sensing

Jaydeo Kinikar is an accomplished business & innovation leader with deep experience in leading companies in Healthcare, Energy & Industrial sectors to establish IoT ventures and develop IoT solutions along with required competencies, mindset & organizational structure. He leverages a unique combination of lean startup, design thinking & customer co-creation methods to develop the right solutions for markets' evolving needs. He has also created large new revenue streams & commercial opportunity by transforming business models to deliver IoT value through outcome-driven capabilities & innovative commercialization methods. He is a co-founder of the Digital Health venture/incubator at Philips and currently heads Marketing, Product Management & Strategy. This venture is focused on solving clinical challenges through an integrated solution of wearables, software & analytics. Prior to this role, Jaydeo led similar efforts at G.E. in Energy sector to build IoT solutions for monitoring the health of machines and optimizing operations through predictive analytics for preventative maintenance.



Tim Kottak CIO, GE Healthcare

Tim began his career as an officer in the United States Air Force and led research and development programs for imaging and navigation systems. He subsequently joined General Electric and progressed in technology leadership roles in GE's consumer business before joining GE Healthcare in 2002. Within GE Healthcare, he has led global engineering teams to advance wireless, networking and enterprise product offerings for patient monitoring, anesthesia, respiratory and maternal/infant care businesses. Currently, Tim is the Chief Technology Officer (CTO) for GE Healthcare's Service business and leads a global team of technologists, including software and cloud engineering. His team develops and manages digital industrial solutions including connectivity, analytics, remote service, parts distribution, dose excellence, and asset performance management. Tim holds a Bachelors degree in Electrical Engineering from the University of Notre Dame and Masters degree in Engineering Management Science from the University of Dayton.

www.gehealthcare.com



Brent Lawton Director, Media Strategy and Business Development

Brent Lawton is a Director of Media Strategy and Business Development at the NFL where he is part of a team that leads strategy and key partnerships for the League. Prior to the NFL, Brent was an Associate in the Media Investment Banking group at Morgan Stanley and a Manager in the Audit group at Deloitte & Touche. Brent holds a BBA in Accountancy from the University of Notre Dame and an MBA from the MIT Sloan School of Management. He lives in Westport, CT with his wife Alexis and two daughters Olivia and Nora.

www.nfl.com



Xiaohui Liang Assistant Professor

Xiaohui Liang received his Ph.D. degree at the department of Electrical and Computer Engineering of the University of Waterloo, and a Master and Bachelor degrees from the Computer Science Department of the Shanghai Jiao Tong University. He was also a postdoctoral researcher at the Department of Computer Science, Dartmouth College. Since 2015, he has been an assistant professor of the Computer Science Department at the University of Massachusetts Boston. His research interests include security, privacy, and trustworthiness in medical cyber-physical systems, mobile social networks, and Internet of Things.

<http://faculty.umb.edu/xiaohui.liang/>



Rob May CEO, Talla

CEO and CoFounder of Talla, an intelligent digital assistant. Previously CEO and Co founder of Backupify, which sold to Datto in 2014.

www.talla.com



Hector Medina Vice-President IT /Strategic Planning and Analytics, Macy's, Inc.

Mr. Medina is responsible for leading the technology capability for Macy's corporate functions as well as the strategic planning and analytics for the stores, since January 2015. Prior to his current role, Mr. Medina spent 18 years at Procter & Gamble, in various global leadership positions, in Business Technology and Supply Chain in 3 different countries and 4 years at Luxottica as Sr. Director Global Information Technology. Mr. Medina holds a BS degree in Biochemical Engineering from the Instituto Tecnológico de Monterrey, MBA from UoP and is currently doing a Master Science of Information Technology at the University of Cincinnati.



Keri McCrensky VP Supply Chain, Steward Healthcare

As Vice President of Supply Chain at Steward Health Care, Keri oversees all aspects of the supply chain for the integrated delivery network including 10 hospitals and more than 100 physician practices. Prior to joining Steward Health Care Keri held several key positions at WaveMark and Cardinal Health where she specialized in RFID inventory optimization systems for hospitals and manufacturers. Keri holds an MBA from the Massachusetts Institute of Technology and an MS in Computer Science from the University College London, is a Certified Professional in Healthcare Information & Management Systems and is also a member of the American College of Healthcare Executives.



Paul Miller President, Paul Miller Associates

Experienced executive with strong track record in Digital. Accomplished in both B2C and B2B. Former head of Global eCommerce, Innovation, and Big Data at W.W. Grainger.

www.barrettdistribution.com



Anne Nelson Director, Supply Chain Operations, Steward Health Care, LLC

Anne is a Supply Chain Director with extensive inventory management experience over the past 10 years. The majority of her career was spent in retail planning, managing revenue forecasts, gross margin growth opportunities, inventory turns and efficiencies related to allocation and inventory management in retail stores as well as distribution centers. She joined healthcare over a year ago and has been focused on process improvement in the area of Supply Chain Operations.

<https://www.steward.org/about-us>



Michael Newcity CIO, ArcBest Corporation & President, ArcBest Technologies

Michael E. Newcity was named Chief Innovation Officer of ArcBest Corporation and President of ArcBest Technologies, a subsidiary of ArcBest, effective January 2015. During his 20-plus year tenure with ArcBest, Mr. Newcity has led and progressed several strategic, cross-functional initiatives focused on enterprise-wide advancements in business intelligence, e-commerce, market research, and strategy management. The company has been recognized for information technology work under Newcity's direction in a number of publications, including CIO and Information Week. Mr. Newcity began his career with Data-Tronics Corp. (now ArcBest Technologies) in 1993. He also served as Manager of E-Systems & Market Development and Manager of E-Commerce at ABF Freight and Director of E-Systems & Emerging Technologies and Director of Economic Analysis at ArcBest Corporation. He was named ArcBest's Chief Financial Officer in 2010, and in August 2013, his responsibilities were expanded to oversee corporate information technology and economic analysis as Senior Vice President and Chief Information Officer.



Phuong Pham Assistant Professor, Harvard Medical School and Harvard TH Chan School of Public Health

Phuong Pham, Ph.D., MPH, is an Assistant Professor at the Harvard Medical School and Harvard T.H. Chan School of Public Health and Director of Evaluation and Implementation Science at the Harvard Humanitarian Initiative (HHI). She has over 15 years of experience in designing and implementing epidemiologic and evaluation research, technology solutions, and educational programs in on-going and post-conflict countries such as northern Uganda, the Democratic Republic of the Congo, Rwanda, Central African Republic, Iraq, Cambodia, Colombia and other areas affected by mass violence and humanitarian crisis. She co-founded Peacebuildingdata.org (a portal of peacebuilding, human rights, and justice indicators) and KoboToolbox (a suite of software for digital data collection and visualization).

<http://www.kobotoolbox.org>



Yuri Quintana Director, Global Health Informatics, BIDMC and Assistant Professor at Harvard Medical School

Yuri Quintana, Ph.D. is focused on developing innovative technologies that empower communities of professionals and patients. He is Director for Global Health Informatics in the Division of Clinical Informatics, Beth Israel Deaconess Medical Center, and Assistant Professor in Medicine at Harvard Medical School. He is developing global online collaboration networks for health care delivery and applications in mobile health. Previously, he was at St. Jude Children's Research Hospital, where he developed Cure4Kids, a pediatric cancer education and collaboration website used by thousands of health professionals worldwide. Quintana was a principal investigator in the Canadian HealNet Research Network, and also served as director of the New Media Research Lab developing innovations in interactive media and online education. Quintana obtained his engineering degrees from the University of Waterloo in Electrical and Computer Engineering and Systems Design Engineering.

<https://www.linkedin.com/in/yuriquintana>



Rich Rao Global Head of Devices and Education, Google

Rich Rao leads the global Android, Chrome, and Education businesses within Google for Work. With the leading mobile platform as well as #1 device in US K-12 education, Google is transforming how we learn and work.

www.google.com



Paolo Santi Research Scientist, MIT

Paolo Santi is leading the Ambient Mobility joint initiative between MIT Senseable City Lab and Fraunhofer. Dr. Santi has been recently recognized as Distinguished Computer Scientist from ACM. His research interest is in the modeling and analysis of complex systems ranging from wireless multi-hop networks to sensor and vehicular networks and, more recently, smart mobility and intelligent transportation systems. Dr. Santi has authored two books and over 120 scientific papers in the field of mobile computing and modeling of complex systems.

<http://wwwold.iit.cnr.it/staff/paolo.santi/index.php?req=pub>



Jeff Schmitz CMO, Zebra Technologies

Jeff Schmitz became chief marketing officer of Zebra Technologies in February 2016. Mr. Schmitz most recently served as executive vice president for multiple business units and sales at Spirent Communications where he had previously also held several senior leadership roles including chief marketing officer and vice president of networks & applications. Prior to joining Spirent, Mr. Schmitz held senior marketing positions at Rivulet Communications, Visual Networks and Tellabs Inc. Mr. Schmitz holds a B.S. degree in electrical engineering from Marquette University and a Master of Science degree in computer science from the Illinois Institute of Technology.

www.zebra.com



Mike Stanley CEO, Transit X

Transit X is a solar-powered personal mass transit system that can replace buses, trains, and cars. Transit X provides a mobility solution that is convenient, dependable, affordable, and environmentally sustainable. Mike Stanley is the CEO and founder of Transit X, based in Boston, Massachusetts. Mike is an entrepreneur, a designer, and an engineer. The majority of his career has been in software engineering and systems architecture, and he has held management and engineering positions at several technology companies in the Boston area. Most recently, Mike was a Director of Technology at a Cambridge-based startup building a project collaboration platform. He started designing and building autonomous robots in the early 1980's when he was 11 years old. A problem solver by nature, Mike designs systems from first principles, but he is a relative newcomer to the transportation field. Stanley earned his Bachelor's degrees in Engineering and Management from MIT.

<http://transitx.com>



Nadim Tawileh Product Manager, Google

Nadim joined Google as Product Manager for Android for Work following the acquisition of Divide, where he was VP of Product Development. At Divide, Nadim provided technical leadership working on BYOD and mobile security solutions leading up to the acquisition and integration of the product into Android for Work. Before Divide, Nadim was VP and Manager of Voice Applications at Morgan Stanley, where he led initiatives like fixed mobile convergence, telephony CRM applications, Voice Over IP (VoIP) systems and mobile development. While at Morgan Stanley, Nadim held a variety of roles within the Unified Communications group where he built enterprise applications for instant messaging, video, and voice platforms. Nadim holds a B.E. in Computer Engineering from the American University of Beirut, an M.S. in Computer Science from the University of Southern California and an M.B.A. from New York University.

www.google.com



Jeff Urbanczyk Senior IoT Specialist, Dell Digital Business Services

As a 30+ year business/technology professional, I have done everything from mainframe development to the IoT. I have worked with and for all sizes of companies and have started several technology companies. I truly enjoy people and am committed to making a difference with everyone I meet.

<https://www.linkedin.com/in/jeffurbanczyk>



Therese Van Ryne Director, Global Public Relations, Zebra Technologies

Therese Van Ryne is Director of Global Public Relations and Customer References for Zebra Technologies. She joined Zebra as part of the acquisition of Motorola Solutions Enterprise business in October 2014. She enjoys her role at Zebra with the opportunity to grow the company's external awareness globally through thought leadership and drive an integrated PR and customer advocacy program to generate positive results aligned with business objectives. Van Ryne joined Motorola in 2006, serving in a variety of leadership roles in the enterprise, wireless and public safety businesses, most recently as Director of Communications for the Americas Region. Prior to Motorola, Van Ryne worked at SC Johnson where she led corporate communication strategies and drove PR and branding efforts for leading consumer products like Raid, OFF! and Windex. In addition, Van Ryne served in management positions with Estee Lauder.

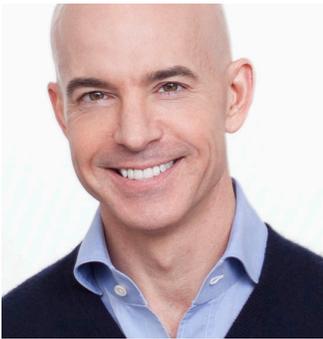
www.zebra.com



Moe Vazifeh Fellow, MIT Senseable City Lab

Moe Vazifeh is currently a Postdoctoral Fellow at MIT Senseable City Lab. He specializes in discovering and modeling complex patterns in large-scale data, and devising optimization algorithms. He holds a PhD in theoretical physics from the University of British Columbia (UBC). He serves as a referee for several scientific journals including Physical Review Letters, Physical Review B, Physica A, Annals of the American Association of Geographers and IEEE Intelligent Transportation Systems Magazine.

www.mvazifeh.com



Todd Waterbury Chief Creative Officer, Target Corporation

Todd Waterbury is Target's Chief Creative Officer. In his role, Todd establishes the creative direction of Target's marketing efforts, leading an internal team of art directors, designers, developers, writers, and producers, as well as external agency and design partners. Together, they craft creative content for the Target brand. Todd has extensive experience in creating strategic, highly integrated marketing and design work for a broad roster of international clients. He joined Target in January 2013. Before that, the consulting company he established worked with clients including Uniqlo and Twitter. Prior to that, Todd served as co-executive creative director at Wieden+Kennedy New York, an agency where he oversaw campaigns for brands ranging from Nike, ESPN to Delta Airlines. Todd's work has received numerous design and advertising awards, and is included in the permanent collections of the Guggenheim and the Museum of Modern Art. Todd is also proud to serve as a trustee on the board of the Cooper Hewitt, Smithsonian Design Museum.

www.target.com



Shawn Winter CMO & VP, Product Development, PiiComm Inc.

Shawn is a 20-year technology sales and marketing veteran from Bell Canada and Motorola Solutions. He is passionate about what technology applications can do for our customers and heads PiiComm's resident E-vangelist.

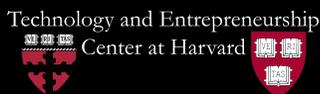
Shawn joined the PiiComm team in 2012 and wears a few different hats. As the CMO, he leads the company's marketing strategy and development of new products and services with the rest of the team. Shawn also leads our Product Development organization which sets the product road map for software development of our ShipTrack platform and also the products we resell.

www.piicomm.com



Lizzy Zwiers Global Leader IoT & Blockchain, IBM

www.ibm.com



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