Bentley Institute Press Announces Availability of Infrastructure Digital Twins: A Leadership Short Course – Volume 1: Getting to Know iTwins

August 27, 2020

EXTON, Pa. – August 27, 2020 – Bentley Institute Press, publisher of cutting-edge textbooks and professional reference works for the advancement of the engineering, architectural, construction, operations, geospatial, and educational communities, has announced the availability of a new publication titled *Infrastructure Digital Twins: A Leadership Short Course – Volume 1: Getting to Know iTwins*, now available in print at www.bentley.com/Books, and as an e-book at www.bentley.com/Books, [Amazon Kindle](#), and [Apple Books](#).

Vinayak Trivedi, vice president and global head of Bentley Institute, said, "We are pleased to offer this first publication on infrastructure digital twins from Bentley Institute Press authored by Dan Raker, veteran CAD industry visionary and author/publisher of many titles including *INSIDE MicroStation* and *MicroStation Manager Magazine*. This slim, power-packed publication is a part of a broader digital-twin curriculum, which the Bentley Institute team is developing to help you get started with your infrastructure digital twins. Like all titles in the Bentley Institute Press portfolio, this publication aims to deliver continuous learning to practitioners in infrastructure professions to upgrade their technical skills and support their going digital initiatives."

Infrastructure Digital Twins: *A Leadership Short Course* delivers an executive overview for leaders to understand and master the fundamental concepts necessary to drive their organizations' digital transformation.

Volume 1: Getting to Know iTwins: explains key definitions while establishing the confluence of tools compelling technical, organizational, and personnel adaptation disrupting the AECO industry.

Volume 2: iTwins in Action **(Available in Quarter 4 of 2020)** reveals use cases yielding huge cost savings and additional business opportunities through iTwin application of data analytics, artificial intelligence, virtual and augmented reality, and digital transformation of infrastructure construction and operations.

Both volumes educate leaders with an easily readable mix of powerful business language with the technical jargon enabling subject mastery for leadership direction.

The use of digital twins in infrastructure is giving weight to the idea that data is the new infrastructure. New and veteran infrastructure professionals understand the importance of bringing the built environment to life. With the marriage of design intent with ongoing infrastructure operations, digital twins enable executive-level insight, improved asset performance, and more sustainable environmental outcomes.

Author Dan Raker said, "As the world faces unprecedented need for new and refreshed infrastructure, implementing digital twins offers the greatest single impact for improving infrastructure's responsiveness while radically cutting environmental impact and cost. This book explains how and puts leaders in the driver's seat to steer their organization's digital twin transformation."

For more information, visit www.bentley.com/books.

Image: [Book cover](#)

Caption: *Infrastructure Digital Twins: A Leadership Short Course – Volume 1: Getting to Know iTwins* is available now at www.bentley.com/books.

About the Author
Dan Raker began helping architecture and engineering firms use technology in 1979. As founder and leader at ConnectPress he's overseen hundreds of publishing, market positioning, and consulting assignments. Early in his career Raker served as the commercial director at the Harvard Graduate School of Design's Laboratory for Computer Graphics. He authored the best-selling *INSIDE AutoCAD* and published over 100 book, magazine, and web portal titles in CAD and PLM. Raker's most recent endeavor, *Circles of Leadership*, facilitates executive roundtables with special emphasis on digital twins.
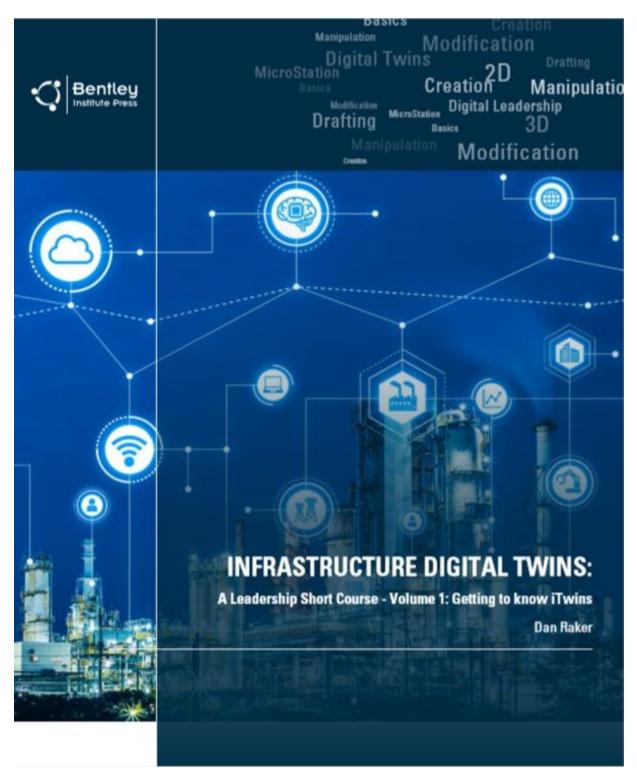
About Bentley Systems
Bentley Systems is a leading global provider of software solutions to engineers, architects, geospatial professionals, constructors, and owner-operators for the design, construction, and operations of infrastructure. Bentley's *MicroStation*-based engineering and BIM applications, and its digital twin cloud services, advance the project delivery (*ProjectWise*) and the asset performance (*AssetWise*) of transportation and other public works, utilities, industrial and resources plants, and commercial and institutional facilities.

Bentley Systems employs more than 3,500 colleagues and generates annual revenues of more than $700 million in 172 countries. From inception in 1984, the company has remained majority-owned by its five founding Bentley brothers. www.bentley.com

Infrastructure Digital Twins: A Leadership Short Course – Volume 1: Getting to Know iTwins is available now at www.bentley.com/books

Infrastructure Digital Twins: A Leadership Short Course – Volume 1: Getting to Know iTwins is available now at www.bentley.com/books

Contact

Monica Jedhe
Bentley Systems
monica.jedhe@bentley.com
+91 206 762 5037