Digital Advancement Academies

Thought Leadership, Best Practices, and Onboarding
Catalyst for Change

Digital Advancement Academies act as catalysts for industry thought leadership and knowledge exchange, adding the effort to better align owner-operators, contractors, and the supply chain involved in the creation and operation of digital and physical assets.

With their process-focused approach, Digital Advancement Academies provide a neutral space for participants to define desired industry outcomes—and, crucially, establish why those outcomes matter. This collaborative approach to tackling industry challenges optimizes new solutions, empowers change, advances best practices, and drives standards.

With a foundation established, further Digital Advancement Academies sessions help industry partners to align their supply chain. We ensure that all stakeholders fully understand the processes, standards, and deliverables expected for successful project outcomes.

Simply put, Bentley Institute’s Digital Advancement Academies ensure the latest knowledge is shared and exchanged between industry stakeholders, creating a legacy that benefits society.

Objectives

- Develop a digital twin strategy
- Increase focus on processes and outcome-based objectives
- Advance culture change in people and processes to increase productivity
- Showcase real-world examples of industry best practices
- Align and onboard stakeholders to design, build, and operate infrastructure
- Create and support a legacy of innovation for industry

Session Content

Digital Advancement Academies facilitate an environment and a culture of innovation via industry awareness sessions, global best-practice forums and symposiums, and targeted workshops and onboarding sessions. We focus on strategies and processes that help you leverage the digital twin and that apply across the infrastructure industries. Academies also facilitate sessions specific to the needs of an owner-operator, coaching personnel through your digital workflow and simulating data flow between systems, stages, or stakeholders.

BIM Advancement – guides learners through the fundamental questions and key considerations when mobilizing your information management team, writing your BIM execution plan, and developing a master information delivery plan.

Construction – provides knowledge and skill-based training in Advanced Work Packaging and WorkFace Planning best practices, to help you leverage technology to provide complex simulations and scenario-based learning.

Constructioneering (in partnership with Topcon) – provides opportunities for you to learn best practices in constructioneering, a process of integrating data to streamline construction workflows and optimize digital insights, to improve project outcomes.

Digital Advancement Research – engages with government, university, and industry visionaries to generate innovative solutions for the future needs of the infrastructure industries.

Process Industries (in partnership with Siemens) – helps organizations better understand and develop an effective digital strategy, across all aspects of the asset lifecycle, with industry experts’ best practice approaches for delivery and operations.

Reality Modeling – facilitates your implementation with a focus on data capture best practices and leveraging reality data in industry workflows, to help engineers deliver faster and more optimal designs and to help owners better inspect and maintain their assets.

Industry Collaboration Without Borders

Digital Advancement Academies form a global network that partners with industry to facilitate knowledge exchange around the world. Virtual connections between Academies allow industry experts to spark discussions that extend far beyond any one location or session, supporting stakeholders’ efforts to leverage digital context, data, and workflows to fully optimize outcomes.

Industry Collaboration Without Borders

Additional Academies locations and topics can be created, based upon a collaborative effort and investment. These Academies can help to support initiatives centered around particular owner-operators, specific projects, unique industry processes, Bentley’s Strategic Partners, Bentley events, or governmental programs.

With over 10,000 attendees since 2012, from more than 60 countries and 2,000 organizations, Digital Advancement Academies host industry knowledge exchange and collaboration opportunities that create a legacy of innovation.

Infrastructure must deliver assets that allow nations to grow and societies to prosper. Education forms a key part of the planning, execution and deployment process of infrastructure assets.

Our experience in establishing and running Digital Advancement Academies around the world, uniquely positions us to support your success.

To learn more and find upcoming sessions, visit www.bentley.com/academies
About Bentley Institute

The Bentley Institute advances the infrastructure professions by empowering practitioners, students, and academic institutions through continuous learning, scholarships, internships, and applied research partnerships. Learning is provided online, in the classroom, or in-application, and includes publications, webinars, workflow videos, live and on-demand courses, conferences, events, and more. The Bentley Institute advances project delivery and asset performance best practices through Advancement Academies, partnering with leading industry organizations, project delivery firms, and owner-operators.

About Bentley Systems, Incorporated

Bentley Systems is the 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, generates annual revenues of $700 million in 170 countries, and has invested more than $1 billion in research, development, and acquisitions since 2012. From inception in 1984, the company has remained majority-owned by its five founding Bentley brothers. Bentley shares transact by invitation on the NASDAQ Private Market; strategic partner Siemens AG has accumulated a non-voting minority stake. For more information, visit us at www.bentley.com.