



To Help Building and Facilities Managers Meet the Demands of Social Distancing, Bentley Systems Opens Up Full Access to LEGION Simulator and OpenBuildings Station Designer and Waives Subscription Fees through September 30

June 4, 2020

*Simulate People Movement and Test Space Performance to Mitigate Risk
in Reopening Public Facilities*

EXTON, Pa. – June 4, 2020 –Bentley Systems, Incorporated, a leading global provider of comprehensive software and digital twins services for advancing the design, construction, and operations of infrastructure, today announced it has opened up its *LEGION Simulator* and *OpenBuildings Station Designer* software, including waiving new subscription fees through September 30, 2020, for facilities managers to incorporate pedestrian simulation methodologies across their planning, design, and operations teams.

With social distancing and crowd management at the forefront of global concerns, OpenBuildings Station Designer and LEGION Simulator software can help station owners, planning and design firms, and facilities operators to develop models, simulate crowd movement, analyze foot traffic, and optimize space utilization of infrastructure assets such as rail and metro stations, airports, retail and commercial complexes, hospitals, and stadiums. OpenBuildings Station Designer's BIM environment provides 3D context for LEGION's included pedestrian simulation to create an operational digital twin to improve safety, efficiency, and security, while mitigating risk.

LEGION Simulator helps users solve new planning and operations challenges in:

- validating social distancing plans while helping to ensure safe operations;
- ensuring space maximization, activities distribution and controlled egress/ingress;
- modeling safe and comfortable wayfinding strategies and evacuation plans; and
- providing virtual, collaborative planning, design and operations reviews.

Further, LEGION Simulator and OpenBuildings Station Designer offer the continued long-term benefits of a BIM collaboration environment that avoids data silos, coordination delays, and other limitations that result from the separation of planning and design workflows.

"We are going through extraordinary times and change will be a constant reality in the months and years ahead. Bentley's OpenBuildings Station Designer and LEGION Simulator enable planners, architects, engineers, and operators to apply digital twin approaches to solve today's design and operation challenges more quickly, efficiently, and safely across rail and metro stations, airports, and other public buildings and amenities," said Ken Adamson, Vice President, Design Integration for Bentley.

"Atkins has collaborated successfully with LEGION for over 20 years, and we look forward to building upon our own thought leadership on Covid-19 and for the Transport Sector by applying LEGION's simulations for social distancing in response to requests by our metro clients in Hong Kong, Singapore, Dubai, and Saudi Arabia," said Cameron MacDonald, Technical Director, Operations Advisory, Atkins, a member of the SNC-Lavalin Group.

Please visit [LEGION](#) to learn more about LEGION Simulator and OpenBuildings Station Designer and visit [LEGION and Social Distancing](#) to learn more about the LEGION waived subscription fee offer.

Image: [OpenBuildings Station Designer and LEGION](#)

Caption: Top left illustrates a 3D model of a retail operation created using OpenBuildings Station Designer. Bottom left shows 2D floor plans that are then imported into LEGION Simulator (right) to test two scenarios. Examples shown are at occupancy rates of 75% (top) and 25% (bottom) to comply with social distancing requirements.

LEGION and OpenBuildings Station Designer are part of Bentley's comprehensive efforts to provide resources and useful information to help both user organizations and end users meet the current challenges successfully. For more about Bentley's response to the challenges of working from home and other software offers, please visit www.bentley.com/en/workingfromhome.

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About Bentley's *OpenBuildings Station Designer*

OpenBuildings Station Designer enables professionals of multiple disciplines, including Planners, Architects and Mechanical, Electrical, and Structural Engineers, to collaborate in real-time to design, analyze, visualize, and simulate infrastructure assets such as rail and metro stations, airports, retail and commercial complexes, hospitals, and stadiums. Projects of any size, form, and complexity can benefit and it is the only design application to fully integrate people movement simulation, via LEGION Simulator.

About Bentley's *LEGION* Simulator

LEGION Simulator enables fast and scientifically validated evacuation simulation, for baseline operations and for any what-if scenario that operations teams may wish to test. It can seamlessly validate new entrances and exits, queuing strategies, flow separation barriers, and any other physical or operational changes in public spaces. Users can reduce risk and enhance the safety of their facilities through single source of truth models that enable easier collaboration and alignment between planning, design, operations, and safety teams.

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

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Top left illustrates a 3D model of a retail operation created using OpenBuildings Station Designer. Bottom left shows 2D floor plans that are then imported into LEGION Simulator (right) to test two scenarios. Examples shown are at occupancy rates of 75% (top) and 25% (bottom) to comply with social distancing requirements.



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