



# SUPERLOAD<sup>®</sup>

Save time, reduce costs, and increase safety with an automated vehicle permitting and routing system >

**Bentley<sup>®</sup>**  
Advancing Infrastructure



# Automate your Permitting and Routing Process

Trucking is an essential component of the transportation system. As their loads become oversized and overweight (OS/OW), accurately and safely moving them becomes a challenge for haulers.

This e-book looks at how you can solve many of the OS/OW trucking challenges with SUPERLOAD, an intelligent and automated permitting and routing solution that enables you to reduce costs, save time, and ensure infrastructure and public safety are not compromised.

You will learn how SUPERLOAD can help you easily manage live-load bridge analysis to perform real-time route validation based on the size and weight of the permit vehicle, as well as the constraints and conditions of specified routes.

Additionally, you will discover how to better manage restriction events on your roadway network, from full route closures to route advisories, enabling you to reduce costs, save time, and ensure safe travel.

This e-book also includes links to resources that show how SUPERLOAD can streamline your permitting and routing process.

If you have any questions or want to learn more about SUPERLOAD, please [visit our website](#) or call **1 800 236 8539**.



# Automate Your Route More Accurately

SUPERLOAD helps automate permitting and routing for OS/OW vehicles. Features including application processing, route selection and analysis, and permit issuance will improve accuracy, save time and costs, and reduce risk to infrastructure and the public.

SUPERLOAD automatically generates a route to the destination for your permitted vehicle. You can select a specific route via an interactive map, or let the software automatically find a route for you. The dynamic map speeds the routing process and enables you to quickly analyze your trip as you work interactively through the route selection.

## SUPERLOAD routing can help your agency:



Reduce costs  
and save time



Ensure safe travel for permitted  
vehicles and enable movement  
management within specific areas



Improve the accuracy  
of routing and  
permitting information

# Accurate and Faster Permitting

SUPERLOAD automates the permitting and routing process for OS/OW vehicles. Its features, including application processing, route selection and analysis, and permit issuance, are all in compliance with state restrictions and road conditions. SUPERLOAD helps streamline the permit process and improves accuracy for both permit applicants and your agency, reducing costs and saving time for all involved.

SUPERLOAD provides an online solution for routing, analysis, permit issuance, and secure payment processing for OS/OW vehicles. Your agency can automate the complete permitting workflow using SUPERLOAD, including accounting and credit card transactions, saving applicants hours or even days in the permitting process.

## SUPERLOAD can help your agency:



Streamline processes and improve accuracy for applicants and permit providers



More accurate routing and permitting information



Ensure safe travel for permitted vehicles within specific areas



Reduce costs and save time for all

# Efficient Bridge Analysis

SUPERLOAD helps you easily manage live-load bridge analysis to perform real-time route validation based on the size and weight of the permit vehicle, as well as the constraints and conditions of specified routes. Bridge clearances, bridge live-load analyses, and temporary restrictions are all considered to help you determine optimal routing feasibility.

With SUPERLOAD, you can maintain a digital model of the highway system. The integrated live-load bridge analysis of each structure on the route determines safe passage and any speed or lane restrictions. SUPERLOAD Bridge Analysis utilizes bridge data from multiple sources, including LARS Bridge and AASHTOWare Bridge Management software, to ensure complete and accurate information.





# Intelligent Restriction Management

SUPERLOAD Restriction Manager keeps you informed of changing road, bridge, and restriction conditions affecting outstanding permits and automatically assigns road restrictions on routes.

Manage restriction events on the roadway network, from full route closure to limited access and route advisories, enabling you to reduce costs, save time, and ensure safe travel for permitted vehicles.





# Optimized Route Data Mining

SUPERLOAD evaluates and analyzes route-based data, enabling you to make more efficient decisions, reduce congestion, and improve safety, which adds significant value to your transportation organization.

Route data mining can improve your historical permitting and routing data management. Effective use of route data mining can bring significant value and enables your transportation organization to make more efficient decisions.





# Quick Multi-state Permits

GOTPermits.com is an online portal that enables truckers to obtain multi-state permit service quickly and easily, 24 hours a day, 7 days a week, 365 days a year. The portal helps trucking companies save time, increase efficiency, and ensure compliance with all state laws and routing requirements.

## The portal allows trucking companies to:

- ◆ Maintain information about the entire fleet and use that information to request permits from all agencies supported by the site.
- ◆ Make requests for more than one agency via a single application process, addressing all permit and routing requirements.
- ◆ Perform your own routing using a variety of different techniques.
- ◆ Perform job and bid reviews without any cost.
- ◆ Track job numbers with specific agency permits.
- ◆ Request a variety of reports to assist with accounting and reconciliation.
- ◆ Pay for any permit with an escrow account or credit card.
- ◆ Receive immediate, system-issued permits for most permit requests.





# Case Studies



## Illinois DOT

The Illinois Department of Transportation automated their permitting system and used Bentley technology to increase the auto-issuance of OS/OW truck permits and ensure safe, reliable routes.

[Learn More](#)



## New Jersey DOT

The New Jersey Department of Transportation used SUPERLOAD to implement an automated oversize/overweight vehicle permitting and routing system, saving significant state resources.

[Learn More](#)



## Maryland State Highway Administration

SUPERLOAD automated up to 80% of hauling permits and saves carriers USD 24.6 million annually.

[Learn More](#)

# SUPERLOAD

If you have any questions or want to learn more about SUPERLOAD, please contact us today.

[Visit Us Online](#)

Call 1 800 236 8539

## About Bentley Systems

Bentley Systems (Nasdaq: BSY) is *the infrastructure engineering software company*. We provide innovative software to advance the world's infrastructure – sustaining both the global economy and environment. Our industry-leading software solutions are used by professionals, and organizations of every size, for the design, construction, and operations of roads and bridges, rail and transit, water and wastewater, public works and utilities, buildings and campuses, mining, and industrial facilities. Our offerings include *MicroStation*®-based applications for modeling and simulation, *ProjectWise*® for project delivery, *AssetWise*® for asset and network performance, Seequent's leading geosciences software portfolio, and the *iTwin*® platform for infrastructure digital twins. Bentley Systems employs more than 4,000 colleagues and generates annual revenues of more than \$800 million in 172 countries. [www.bentley.com](http://www.bentley.com)

