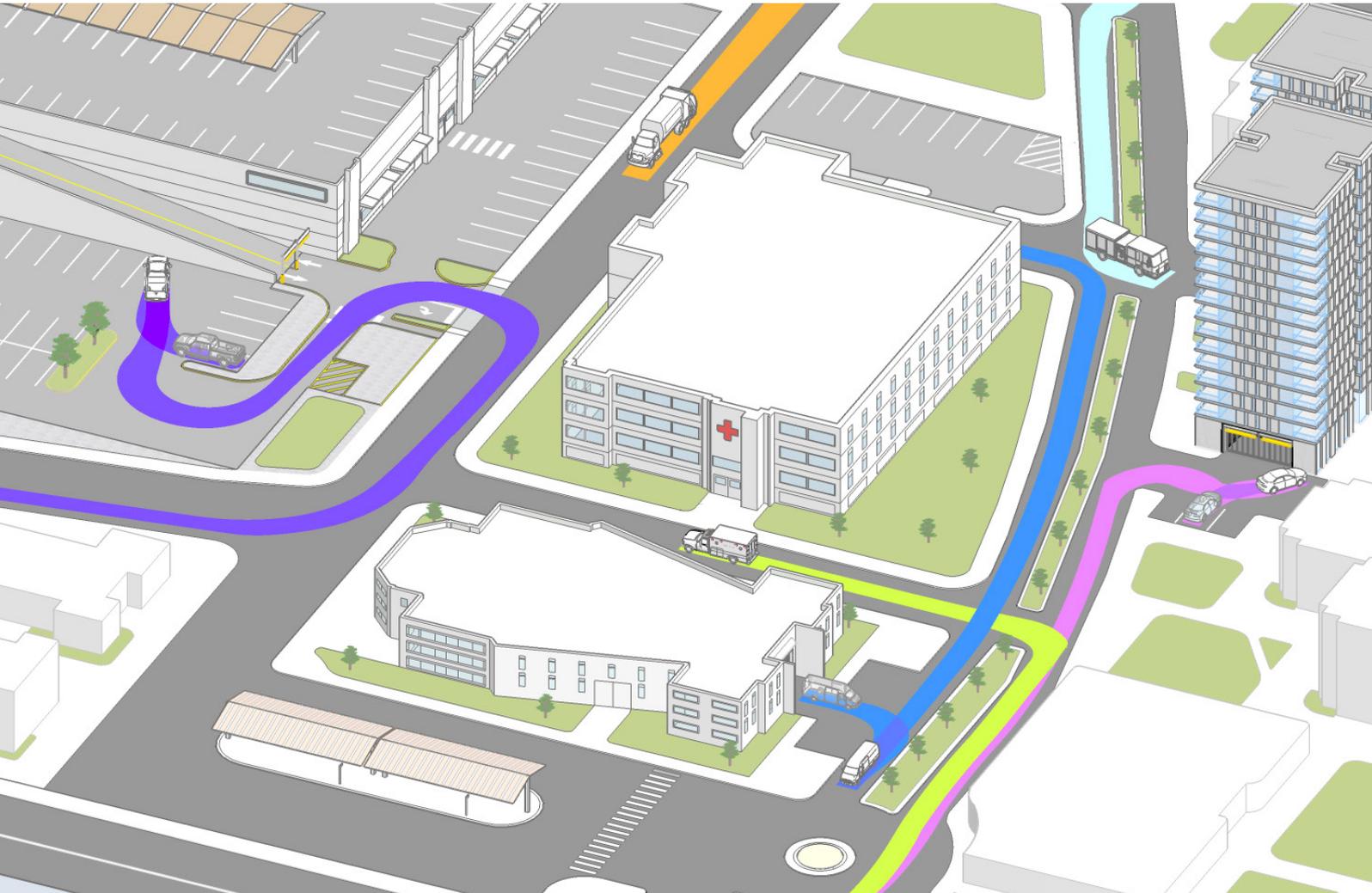




AUTOTURN™ ONLINE

INTEGRATED



Model, Visualize and Analyze Vehicle Movements and Circulation Paths

Easily check your designs to ensure all types of vehicles can move through your project safely and efficiently. Test multiple maneuvers and be assured your results are accurate and extensive.

BENEFITS



Take the complicated guesswork out of the equation

AutoTURN Online Integrated does the math for you. Eliminate the challenges of guessing or calculating turning paths for different types of vehicles, or the need to rely on Transportation Engineers to pre-dimension roadway areas. Using a vehicle of your choice, AutoTURN Online Integrated will let you 'drive' and analyze the space requirements for the vehicle's turning and circulation path. Now you can focus on the bigger components of your design.



Boost productivity and explore the best design options

Save time, make better decisions and reduce design revisions. Quickly create simulations and check multiple maneuvers for all vehicles accessing the site to identify potential hazards or challenges that could affect the safety or efficiency of your project.



Seamless integration with Revit

AutoTURN Integrated works as a plug-in within your Revit workspace. No need to import or export your drawings, everything will be automatically connected with your project for an easy workflow.



Test your design with a vast array of vehicles

Access over 300 manufacturer-specific vehicles such as passenger cars and SUVs (including Tesla, Porsche, Ford, and more), limousines, construction cranes, fire trucks, and over 500 standard vehicles, to run a robust analysis.

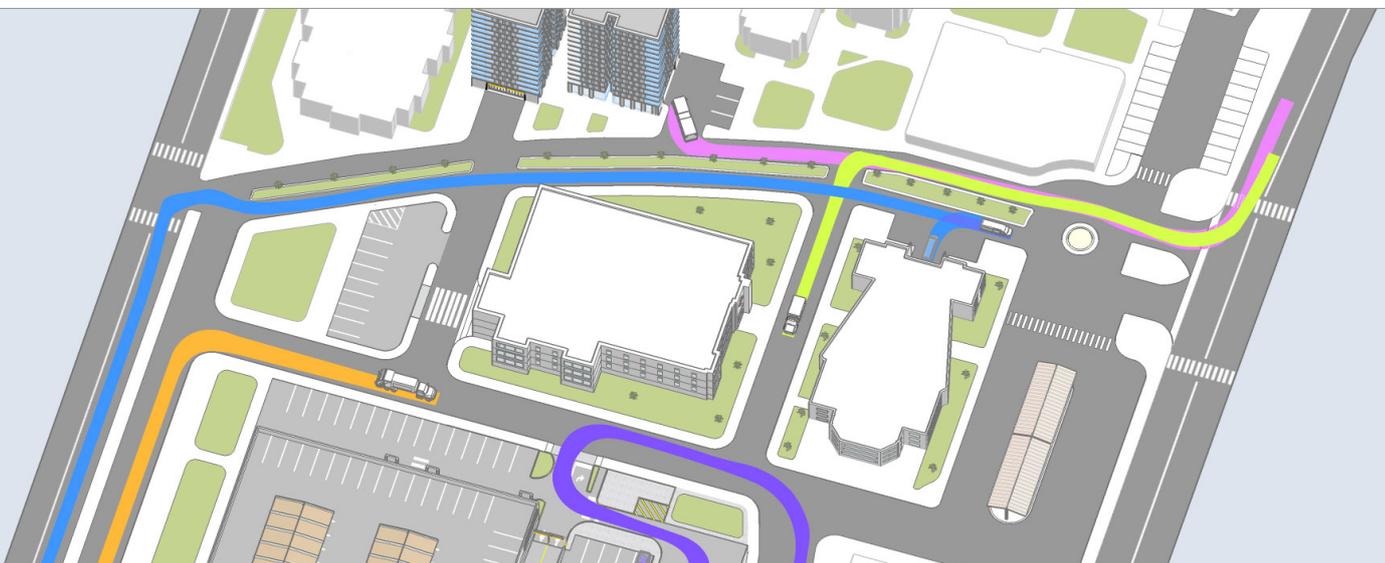


Collaborate efficiently with project partners

Reach decisions easily by presenting the movement and circulation diagrams right from the beginning of your design.

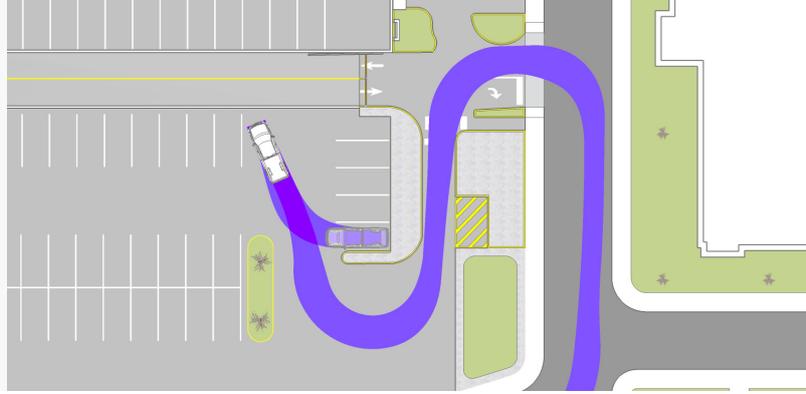
Check if structural elements and/or other components interfere with any vehicle accessing or passing through the site or building, e.g. larger-sized service vehicles, etc.

Ensure your project aligns with the design guidelines and the safety requirements of local transportation agencies.



Use the vast catalogue of vehicles to envision:

- Turning simulations and space requirements
- Vehicle circulation
- Safety clearances
- Potential hazards



FEATURES



ArcPath Tool

Using a selected vehicle, you can instantly draw a simulation path (circulation path) with your mouse.



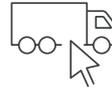
Realistic Vehicle Models in Plan View

Improve client presentation with realistic vehicle outlines in the plan view mode to convey the turning analysis or parked vehicles.



Path Follow Tool

Create a simulation following existing geometry (lines, arcs, or a polyline) as centerline, or add a polyline from the toolbar to act as the path element to generate a simulation.



Place Vehicle Profile

Document your analysis by inserting the profile of the vehicle you used for the analysis and its specifications, i.e. width, track, lock to lock, and steering angle.



Simulate Forward and Reverse Maneuvers

Perform forward and reverse maneuvers to check vehicle access and ensure vehicles have enough space to circulate safely and efficiently. Evaluate even the tightest turns at low speed to determine if the vehicle can make the maneuver smoothly.



Incorporate simulations into Revit

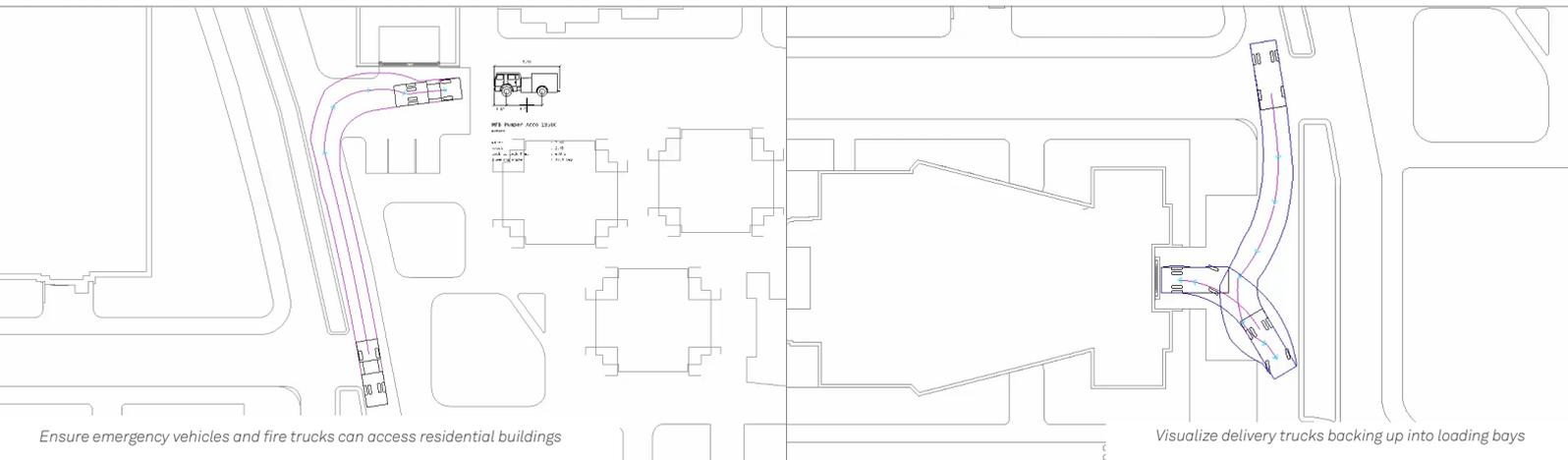
Seamlessly merge vehicle simulations and circulation diagrams into your project's floor plans and include them in your drawings for the approval process.



Vehicle Clearance Envelope & Display Option

Display and analyze the various envelopes generated by different components of the vehicle to ensure your design provides enough space to maneuver.

Accurate simulations, realistic displays, and safety features help you get projects approved and expand the value of your work.



Ensure emergency vehicles and fire trucks can access residential buildings

Visualize delivery trucks backing up into loading bays

VEHICLE LIBRARIES

Regional Guideline Vehicle Bundles

Choose from over 500 standard vehicles:

- Passenger Cars
- Pick-up Trucks
- SUVs
- Coaches
- Recreational (RVs)
- Transit
- Snowplows
- Cargo Vans
- Delivery Trucks
- Construction Trucks
- Semi-trailers
- Car Carriers
- Lowboys
- Cargo Vans
- Box Containers
- Emergency Service
- Fire Trucks

Over 22 countries:

- **North and Latin America** – Argentina | Brazil | Canada | Chile | Colombia | Mexico | Peru | USA
- **Europe, Middle East and Africa** – Austria | Czech Republic | Denmark | Finland | France | Germany | Italy | Netherlands | Norway | Poland | Slovenia | Spain | Sweden | Switzerland | UK
- **Asia Pacific** – Australia | Hong Kong (PRC) | India | Japan | New Zealand

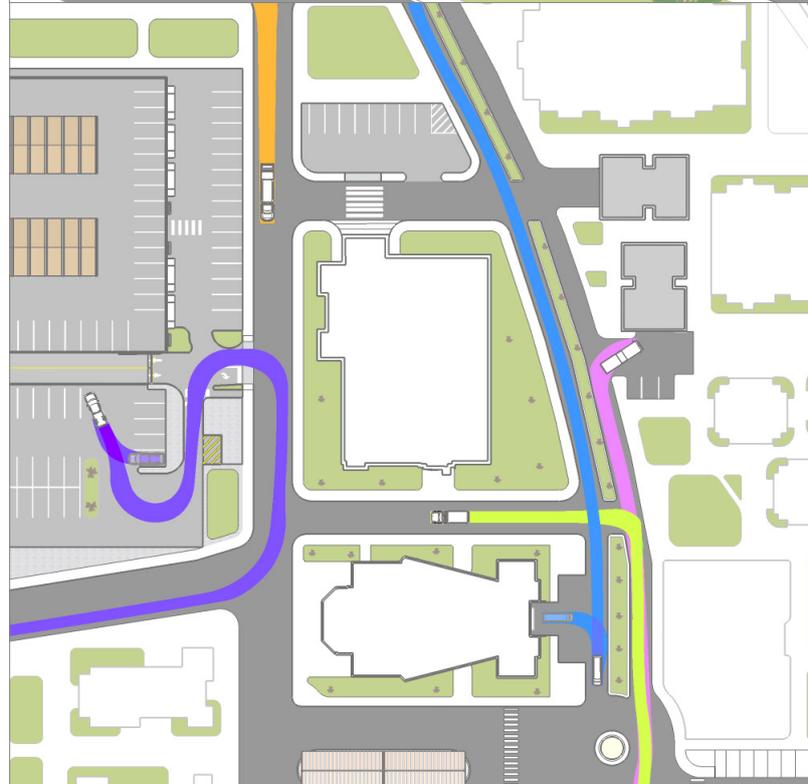
Global Manufacturer Vehicle Bundles

Over 300 vehicle manufacturers

COMPATIBILITY

AutoTURN Online Integrated is compatible with:

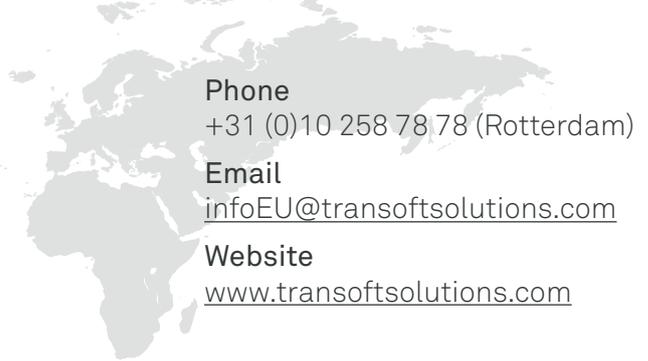
- Autodesk® Revit® 2019 – 2021



ABOUT TRANSOFT SOLUTIONS

Transoft Solutions develops innovative and highly specialized software for transportation professionals in the aviation and civil infrastructure industry. Since 1991, Transoft has remained focused on software solutions that enable professionals to plan and design efficient and safe transportation infrastructure with confidence. Our portfolio of planning, simulation, modeling, and design solutions, are used in over 130 countries serving more than 50,000 customers across local and federal agencies, consulting firms, airport authorities, and ports. We take pride in providing best-in-class customer support from our headquarters in Canada, and through offices in Sweden, the United Kingdom, the Netherlands, Australia, Germany, India, Belgium, and China.

HEAD OFFICE – Europe, Middle East, Africa



Phone
+31 (0)10 258 78 78 (Rotterdam)

Email
infoEU@transoftsolutions.com

Website
www.transoftsolutions.com