

AutoTURN what's new summary

Summary of What's New in Version 8.0

1.	Added Conflict Analysis category to Properties . Turn simulations are automatically checked for conflicts with CAD elements drawn on the user specified Obstacle Layer/Level.
2.	<p>Place Adaptive Simulation:</p> <p>Combination of Place Simulation and Place Offset Simulation tools with an improved simulation algorithm.</p> <p>Ability to link simulations with polylines or alignments. Simulations are updated automatically when, for example, grip editing is performed on linked geometry.</p>
3.	Regenerate Simulation: Recreates simulations to take into account any changes to elements drawn on the specified Obstacles layer/level that interact with the turn simulation envelopes
4.	Manage InVision Data: Selectively adds/removes InVision data to/from the drawing for selected turn simulations to be used by the InVision product.
5.	Animation slider within enhanced Run Animation tool.
6.	Override angle for Special Transport is now independent of directional change in the articulating point for the trailer.
7.	<p>Vehicle database changes:</p> <p>Added VNA-SP (alt) and SNA-BP (alt) to CSN (CZ) library</p> <p>Revised LKW 9M in RVS 2005 (AUT) library</p>
8.	AutoTURN ribbon menu provides access to AutoTURN tools in AutoCAD 2010 and newer versions. (Toolbars are also still available.)
9.	Compatibility with AutoCAD 2012.

Summary of What's New in Version 7.0

1.	Support for Windows 7.
2.	Program Settings: Vehicle Library Display category sets which vehicle libraries to display in filter list of Select Current Vehicle dialog box.
3.	Program Settings: Vehicle Libraries category enables users to purchase and install extended vehicle libraries.
4.	Logging trucks: Two logging trucks in ALBERTA INFTRA-HGDG (CA) library. Three logging truck types, including one with telescoping joint.
5.	Special transport vehicles: Special Transport library. Six special transport types.
6.	Other vehicle database changes: Florida Intersection Design Guide library. Edited VAGVERKET 2004 (SE) and CROW 2004 (NL) libraries.
7.	Generate Arc Path: Support for independently rear steered special transport vehicles.
8.	Cargo Details dialog box for setting cargo details.
9.	Support for three-part vehicle reverse maneuvers.
10.	Support for telescoping trailers.
11.	Generate Report: Override/Path angle information for independently rear steered vehicles.

Summary of What's New in Version 6.1

1.	Full support for 64-bit operating systems.
2.	Compatibility with the latest CAD software releases (MicroStation V8i and AutoCAD 2010).
3.	New Continue Simulation dialog box.
4.	SmartPath Tools: Maximum number of sections for simulations is now unlimited.
5.	Ability to force a straight line simulation for a vehicle traveling along an arc path added. Generating a straight line section is possible in the direction that the steering wheels can turn.
6.	Reverse Maneuvers: Generating reverse simulation envelopes improved.
7.	Reverse Corner Path: Reverse sweep angle range is from 1 degree to 160 degrees now.
8.	Ability to specify the tire sizing (width and diameter) and space between the tires on the same axle for a vehicle added.
9.	Dimension type settings moved from the type definition to the vehicle definition.
10.	Having only one wheel on an axle is possible now.

Summary of What's New in Version 6.0

1.	Full support for Microsoft Vista 32-bit.
2.	Compatibility with AutoCAD 2008.
3.	Vehicles: Major improvements made to the tool. New sorting and grouping capabilities added to the Vehicles database.
4.	Support for vehicle shapes that have chamfered or filleted corners added (envelopes are generated from the points on the radius or chamfer).
5.	Ability to replace vehicles in existing simulations with a user-selected realistic plan view matching the simulation vehicle's dimensions added.
6.	Ability to generate InVision 1.0 presentation data added.
7.	Ability to check out the License and extend the MAP expiration period added. Improvements made to the authorization algorithm.
8.	Ability to draw all simulation elements on a single layer added.
9.	Forward Oversteered Path simulation supports setting exit offset to always calculate and use the minimum value.
10.	Ability to calculate the Inner Turn Radius for two-part vehicles added.
11.	Ability to specify different track widths for each Axle Group in a part of a vehicle added.
12.	Ability to create vehicles with more than one articulating angle added.
13.	Path Control: A dialog to display the dynamically changing radius added.
14.	Generate Template: Information reporting functionality improved to display in the table Articulating Angles for each vehicle part.
15.	Generate Template: The sweep angle at which the maximum steering angle was achieved is displayed now.
16.	Ability to load AutoTURN in MicroStation from a desktop icon added.
17.	Ability to import specialized vehicle libraries added.