

2009 Product Comparison Matrix

The following table provides a comparison of AutoCAD® Map 3D, AutoCAD® Civil and AutoCAD® Civil 3D® to help customers select the best product for their needs. More details on functionality for AutoCAD Civil and AutoCAD Civil 3D can be found at www.autodesk.com/civil. More details on AutoCAD Map 3D and other Autodesk geospatial solutions can be found at www.autodesk.com/geospatial.

	AutoCAD Map 3D	AutoCAD Civil *	AutoCAD Civil 3D
Target User and Application	GIS technicians and analysts , engineers, surveyors and drafters for planning, mapping and infrastructure management.	Civil engineering technicians, drafters and surveyors for developing civil engineering design information and delivering documentation.	Same as AutoCAD Civil + Civil engineers and designers responsible for design, analysis and simulation.
Industries	<ul style="list-style-type: none"> • Utilities • Telecom • Government 	<ul style="list-style-type: none"> • Land development • Transportation • Environmental 	Same as AutoCAD Civil
Drafting and Documentation	<ul style="list-style-type: none"> • Industry specific CAD standards (with Industry Toolkits available for download by Subscription customers) • Map Books 	<ul style="list-style-type: none"> • Plan production and drafting • Drafting styles and standards • Reporting 	Same as AutoCAD Civil + Map Books
Design	<ul style="list-style-type: none"> • Surface creation for larger datasets (with Surveying Tools available for download by Subscription customers) 	<ul style="list-style-type: none"> • Surface creation and design using grading and feature lines • Parcels • Corridor modeling and road design • Pipe layout 	Same as AutoCAD Civil
Surveying & Coordinate Systems	Coordinate data support for surface creation and asset mapping (with Surveying Tools available for download by Subscription customers). <ul style="list-style-type: none"> • Import coordinate data from ASCII files • Import point and contour data from FDO data sources • Lightweight COGO • Coordinate system setting and transformations 	Full support of surveying workflow for civil engineering projects from field to finish. <ul style="list-style-type: none"> • Import and process raw survey data from most data collector formats • Survey database • Traverse and least squares adjustment • Automatic creation of survey figures • COGO • Coordinate system setting and transformations • Export for machine control 	Same as AutoCAD Civil

Data Management and Team Coordination	<ul style="list-style-type: none"> • Xrefs • Multi-user drawing environment • Integration with spatial databases such as Oracle®, Microsoft® SQL Server™ and ESRI® ArcSDE® 	<ul style="list-style-type: none"> • Xrefs (including annotation of civil model) • Data shortcuts • Advanced data management with Autodesk® Vault (included) 	<ul style="list-style-type: none"> • Same as AutoCAD Civil • + • Data management and team coordination functionality from AutoCAD Map 3D
Data Exchange and Interoperability	DGN, LandXML, Google Earth™ and SDF + GIS and raster data formats including ESRI SHP, TIF and more	DGN, LandXML, Google Earth™ and SDF	Same as AutoCAD Map 3D
Stormwater Analysis and Simulation	No	No	Stormwater analysis and simulation with Hydraflow Storm Sewers Extension, Hydraflow Hydrographs Extension, and Hydraflow Express Extension**
Geospatial Analysis and Mapping	Thematic mapping, buffers, spatial queries, attribute driven stylization, and more.	No	Includes geospatial analysis and mapping functionality from AutoCAD Map 3D
Land Desktop Project Support	No	Import/Export only	Subscription customers can download AutoCAD® Civil 3D® – Land Desktop Companion from Subscription Center

*AutoCAD Civil is only available in the US and Canada.

**Metric capability is currently available for Hydraflow Storm Sewers Extension for AutoCAD Civil 3D with some limitations. Metric support is currently not available for Hydraflow Hydrographs Extension or Hydraflow Express Extension.

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