

Choose Your AutoCAD

AutoCAD	AutoCAD Architecture	AutoCAD Mechanical	AutoCAD Electrical	AutoCAD MEP	AutoCAD P & ID	AutoCAD Utility Design	AutoCAD Plant 3D	AutoCAD Map 3D	AutoCAD Civil 3D
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Design & Document

Drawing and annotation tools to create 2D documentation drawings for general design.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Modeling and visualization tools to create 3D models for general design.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Customization and programming tools to create custom workflows.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Task-based tools to create floorplans, sections, elevations, and other drawings for building design.		✓								
Task-based tools to create parts, assemblies, and other drawings for product design.			✓							
Task-based tools to create panel layouts, schematic diagrams, and other electrical drawings.				✓						
Task-based tools to create mechanical, electrical, and plumbing drawings for building systems.					✓					
Task-based tools to create schematic diagrams and other drawings for piping and instrumentation design.						✓				
Task-based tools to create overhead and underground utility plans.							✓			
Task-based tools to create schematic diagrams, plant layouts, and other drawings for plant design.								✓		
Task-based tools to manage GIS data and aggregate GIS data with design data.									✓	✓
Task-based tools to create plans, profiles, and cross-sections for roads, land development, and other civil designs.										✓
Task-based tools to automate the creation of industry-specific annotations.		✓	✓	✓	✓	✓	✓	✓	✓	✓
Task-based tools to automate the creation of industry-specific details and views from 3D models.		✓	✓	✓	✓	✓	✓	✓	✓	✓
Task-based tools to generate industry-specific schedules, lists, and tables.		✓	✓	✓	✓	✓	✓	✓	✓	✓
Rules-driven workflow to enforce industry-specific standards throughout the design process.		✓	✓	✓	✓	✓	✓	✓	✓	✓
Automatic update of associated views, tables, and other relevant content as the design changes.		✓	✓	✓	✓	✓	✓	✓	✓	✓
Automatic layer creation and properties for industry-specific content.		✓	✓	✓	✓	✓	✓	✓	✓	✓
Consistent project standards with drawings organized in a project-based structure.		✓		✓	✓	✓	✓	✓	✓	✓
Access spatial data stored in files, databases and web services.							✓		✓	✓

Content

Library of more than 8,000 intelligent architectural objects and styles to support AIA 2nd Edition, BS1192 Descriptive, and BS1192 – AUG Version 2 standards and DIN 276, ISYBAU Long Format, ISYBAU Short Format, and STLB layer standards.		✓								
Library of more than 700,000 intelligent manufacturing parts, features, and symbols to support ISO, ANSI, DIN, JIS, BSI, CSN and GB standards.			✓							
Library of more than 65,000 intelligent electrical symbols to support AS, GB, IEC, IEC-60617, JIC, JIS, NFPA and IEEE standards.				✓						
Library of more than 10,500 intelligent mechanical, electrical, and plumbing objects to support AIA 2nd Edition, BS1192 Descriptive, and BS1192 – AUG Version 2 standards and DIN 276, ISYBAU Long Format, ISYBAU Short Format, and STLB layer standards.					✓					
Library of more than 15,800 intelligent piping & instrumentation design objects to support 320 standards including PIP, DIN, ISA, ISO and JIS-ISO.						✓				
Library of more than 1,500 intelligent utility design objects to support NESC and RUS standards.							✓			
Library of more than 400 intelligent plant objects such as equipment templates, support templates, and structural members to support 40 standards including ANSI and DIN.								✓		
Standard data schema, automated business workflows, and report templates for Electric North America, Electric Europe, Water, Wastewater, Gas industry.									✓	✓
Intelligent civil objects that interact to create interconnected designs along with configurable styles that enable Civil 3D to automatically conform to nearly any graphical standards.										✓