

Comparison of Allplan functionalities

| FUNCTIONALITIES | PACKAGES | | | | | | |
|---|------------------|--------------------------|---------------------------|--------------------|---------------------|-----------------------------|------------------------------|
| | Allplan AEC 2023 | Allplan Engineering 2023 | Allplan Architecture 2023 | Allplan Basic 2023 | Allplan Bridge 2023 | Allplan Bridge Modeler 2023 | Allplan Bridge Analysis 2023 |
| Interface All relevant interfaces for smooth data exchange, including ifc, pdf, rvt, 3dm, skp, obj, LandXML, dwg, dgn, c4d, stl, and many others. Software interfaces (e.g. Python API and Visual Scripting) enable automated workflows. | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| 3D Modeling High-performance 3D modelling, even for the most complex and challenging geometry. The modelling functionality is powered by the Siemens Parasolid modeling kernel. | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| 2D Drafting Comprehensive functionality for precise 2D drawing for attractive, concise and detailed drawings. | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| Visualization Wide variety of visualization capabilities based on the latest technologies like Vulkan. Includes the real-time render, Maxon's CineRender, live link to Lumion and more. | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| Content Package BIM Easy Predefined yet customizable company standard. Ensures a consistent way of working when creating models and drawings through comprehensive wizards. Eases getting started, increases productivity and ensures well-structured data exchange, especially in openBIM projects. | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| Building Components Flexible building components such as walls, slabs, beams, columns, foundations, stairs, roofs, windows, doors, facades etc. | ■ | ■ | ■ | | ■ | ■ | |
| Reinforcement Extremely powerful reinforcement functionality, including bar reinforcement, mesh reinforcement and BAMTEC carpets. | ■ | ■ | | | ■ | ■ | |
| Precast Design and Detailing Intelligent precast concrete components such as beams, columns, stairs etc. | ■ | | | | ■ | ■ | |
| Steel Connections Tools for bolted and welded steel connections. | ■ | ■ | | | ■ | ■ | |
| Element Plan Automated, template-based generation of detailed drawings of individual elements. | ■ | | | | ■ | ■ | |
| Quantity Take-Off and Costing Precise, verifiable quantity takeoff and costing of modeled and non modeled objects. | ■ | ■ | ■ | | ■ | ■ | ■ |
| Terrain Model Powerful terrain modeling based on survey points or point clouds. | ■ | ■ | ■ | | ■ | ■ | |
| Groundworks Intelligent excavation shoring such as bored pile and soldier pile walls and ground anchors. | ■ | | | | ■ | ■ | |
| Urban and Landscape Design Functions for mass models, urban and site design as well as planting plans. | ■ | ■ | ■ | | ■ | ■ | |
| Roads Fully parametric road design. | ■ | ■ | | | ■ | ■ | |
| Sewerage and Utilities Routing of services such as water, sewage, electricity, internet, natural gas or district heating. | ■ | ■ | ■ | | ■ | ■ | |
| Bridge Modeling Specialized solution for bridge engineering. Contains all functions for modeling and structural detailing of bridges. Contains former options like Bridge Modeling and Prestressing. | | | | | ■ | ■ | ■ |
| Bridge Structural Analysis Specialized solution for bridge engineering. Contains all functions for structural analysis and code-based design of bridges. Contains former options like Bridge Modeling, Prestressing, Linear Analysis and Code-based design. | | | | | ■ | | ■ |
| Construction Site Preparation Cranes, containers, site fences and other equipment for planning the construction site layout. | ■ | ■ | | | ■ | ■ | |
| English, local Language and Country Settings i.e. Bulgarian, Chinese, Croatian, Czech, Dutch, English, French, German, Greek, Hungarian, Italian, Japanese, Lithuanian, Polish, Portuguese, Romanian, Russian, Serbian, Slovakian, Slovenian, Spanish, Turkish, Vietnamese as well as the corresponding country settings. | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| All other Languages and Country Settings All 23 Allplan languages, i.e. Bulgarian, Chinese, Croatian, Czech, Dutch, English, French, German, Greek, Hungarian, Italian, Japanese, Lithuanian, Polish, Portuguese, Romanian, Russian, Serbian, Slovakian, Slovenian, Spanish, Turkish, Vietnamese as well as the corresponding country settings. | ■ | | | | ■ | ■ | ■ |
| Share Enables teamwork across network and company limits, ideal also for team members working remotely. | ■ | □ | □ | □ | ■ | ■ | □ |
| Bimplus Pro Cloud-based collaboration platform. | ■ | ■ | ■ | □ | ■ | ■ | ■ |
| AutoConverter Smart conversion of geometrical models to analytical models that can directly be used by structural analysis solutions like Frico Statics, Scia Engineer and many others. | ■ | ■ | □ | □ | ■ | ■ | □ |
| License Server License Server provides effective management and optimum use of licenses. The License Server allows secure access to licenses in the corporate network, while offering flexible usage for licenses outside of the office. | □ | □ | □ | □ | □ | □ | □ |
| Workgroup Manager Workgroup Manager assumes the organization of CAD workstations in local networks as well as via Internet. It creates clear synergy effect in medium-sized and large planning and construction firms. | □ | □ | □ | □ | □ | □ | □ |

■ Included in the package | □ Can be purchased as paid Option