

Solution: AUTOCAD 2012

Clients: FRIGOGLASS, UAC, GSK, Lambert International

What is the AutoCAD 2012 solution?

This is a multi-award winning solution that allows you design and shape the world around you with the powerful, flexible features found in the software. AutoCAD 2012 is one of the world's leading 2D and 3D design software products. New and expanded workflows for model documentation, reality capture, and 3D conceptual design helps increase productivity with AutoCAD 2012. Explore your design ideas with powerful surface modeling tools. Quickly create documents from a variety of modeling formats, helping to reduce manual documentation workarounds. Capture and import as-built information to jumpstart your design process. Plus, you'll find a wide range of timesaving enhancements to the features you use most. AutoCAD 2012 delivers the powerful tools you need to participate in smooth 3D design workflows, helping drive your projects to completion more quickly than ever before.

Who Is AutoCAD Suitable For?

AutoCAD software is used by architects, CAD technicians, designers, engineers, project managers, and CAD/IT managers in a variety of industries, including the manufacturing, building, civil, and mapping industries. For example, AutoCAD is used by:

- ✚ Design professionals who create conceptual designs, exploring ideas in 3D models.
- ✚ Design professionals who create technical drawings.
- ✚ Drafters who put the finishing touches on a design with detailing, annotations, links to online data, and verification of accuracy.
- ✚ Contractors, suppliers, or operational professionals who need to review drawings to extrapolate data specific to their businesses.
- ✚ Principals and project leaders who need to review and edit drawings and monitor progress.

The Main Benefits of AutoCAD Software

- ✚ **Speed documentation.** Drive your projects from concept to completion faster with the powerful documentation tools in AutoCAD. Automation, management, and editing tools help minimize repetitive tasks and speed your time to completion.
- ✚ **Drive communication.** Share critical design data securely, efficiently, and accurately with AutoCAD. With support for native DWG™ technology, one of the world's most widely used design data formats, you can effectively collaborate across teams. Take your ideas to the next level with presentation-ready graphics, rendering tools, and powerful plotting and 3D printing capabilities.

- ✚ **Explore your ideas in almost any shape imaginable.** AutoCAD and a blank canvas have a lot in common. Both give you the ability to create the previously unimaginable. But AutoCAD provides the flexibility to explore design ideas in both 2D and 3D, with intuitive tools that help your concepts become real.
- ✚ **Customize to attack almost any design problem.** Customizing AutoCAD to meet your unique needs is easier than you may have thought. Configure your settings, extend the software, build custom workflows, develop your own application, or use one already built.

Compatibility and Interoperability

Most third-party applications based on previous versions of AutoCAD software can also work with the AutoCAD 2012 software, if third-party add-on applications were created or updated for AutoCAD 2010 or AutoCAD 2011. Third-party applications built for previous versions of AutoCAD and based on ActiveX and ObjectARX developer tools may require upgrades to be compatible with AutoCAD 2012.

In addition, AutoCAD 2012 software automatically migrates customized menus (CUI files). The first time you launch AutoCAD 2012, the migration feature asks you if you would like to migrate the settings from your previous AutoCAD version to AutoCAD 2012. The migration feature helps you make a smooth transition to the new release by automatically migrating customized menus, toolbar icons, hatch patterns, line types, command shortcuts, and profiles.

It is also important to add that the AutoCAD 2012 DWG file format has not been updated and is no different from the 2011 DWG file format and AutoCAD 2012 reads drawing files from all previous versions of AutoCAD software. AutoCAD 2012 has a built-in Save As function, so you can save drawings to and from AutoCAD releases using the AutoCAD Release 14, 2000, 2004, and 2007 DWG formats. In addition, you can use the **SaveAs** AutoCAD Release 12 DXF™ command to support releases prior to AutoCAD Release 14.