



Structural Desktop Website FAQ

1. What are the Requirements to run Structural Desktop? **Structural Desktop** needs a PC with Windows 95/98, Nt40 sp6a, 2000 Pro, XP home or XP Pro. **Structural Desktop** also requires AutoCAD or ADT from AutoDesk. Versions of AutoCAD supported are 2000, 2000i, 2002, 2004, 2005, and 2006. ADT Versions 3.x - 2006 are also supported . **AutoCAD LT WILL NOT WORK.** We are currently working to release Version 4.0 of **Structural Desktop** that will support the changes in AutoCAD 2007.
2. What analytical programs will Structural Desktop work with? **Structural Desktop** bridges the gap between your analysis file and your finished drawings. It can read GT STRUDL, RISA 3D, SAP - 2000 and STAAD.*Pro* files.
3. What is an “Application Load” program? **Structural Desktop** is an “Application Load” program, meaning that it is made to run inside AutoCAD and other AutoDesk programs. **Structural Desktop** is not a stand alone program. It is imperative that the installation instructions for Structural Desktop be followed exactly.
4. What is the difference between a *DXF and a *.HLD file? A DXF file contains only AutoCAD lines. They know where they are in space, but they have no data associated with them. A DXF file of a 3-D model is a centroidal line model. A HLD or Hold file contains **Structural Desktop** members and elements as well as any AutoCAD information such as preferences and layer settings. These are intelligent objects that not only know where they are but what they are. The model can viewed in centroidal line, envelope, or solid mode.
5. What data is shared between SDT and the analytical program?

Structural Desktop reads and writes:

- joint coordinates
- member and element incidences
- member and element properties
- units
- constants
- beta angles