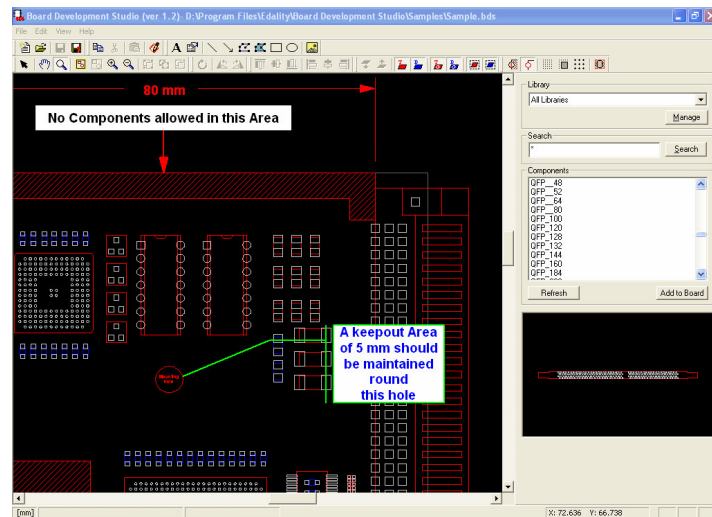


### Major product benefits:

- Complete placement exploration environment
- Predict layout feasibility/density before setting up your design documentation
- Based on the usage of real component dimensions as stored in your CAD component library
- Creation and placement of modules
- Grouping of components
- Export placement for documentation
- Fast and ease of use
- No expensive board layout license needed for specification



### Complete placement exploration environment.

Design engineers can use Board Development Studio to explore the placement of components early in the design cycle.

Using the available board layout software for this task is often not possible for this task. This is because of the complexity of the board layout software, most of the board layout software requires a netlist and they are also very expensive for this specification task.

The design engineer therefore uses a text editor instead for doing the pre-schematic placement studies. This is a very time consuming task and not really accurate. No real libraries of footprints are available and going through all the datasheets costs a lot of time.

With Board Development Studio, you are able to do a placement feasibility study in a very fast and accurate way, including the usage of accurate CAD footprint data.

### Module placement

With Board development Studio, you are able to save the placement data as a module and use it in other designs again.

### Library environment

The library environment contains already a significant set of footprints and board outlines. This library can be extended with company specific footprints, board outlines and modules.

### Graphic layer

The Board Development Studio environment has a graphic layer implemented, which allows you to add all kind of graphics for documentation purposes like: text, auto shapes and images.

### System requirements

Edality requires for Board Development Studio the following minimum requirements for optimum system performance.

### Hardware requirements

Minimum: Intel Pentium III processor  
Minimum: 128 MB RAM

### OS requirements

Windows 98, Windows NT, Windows 2000 and Windows XP