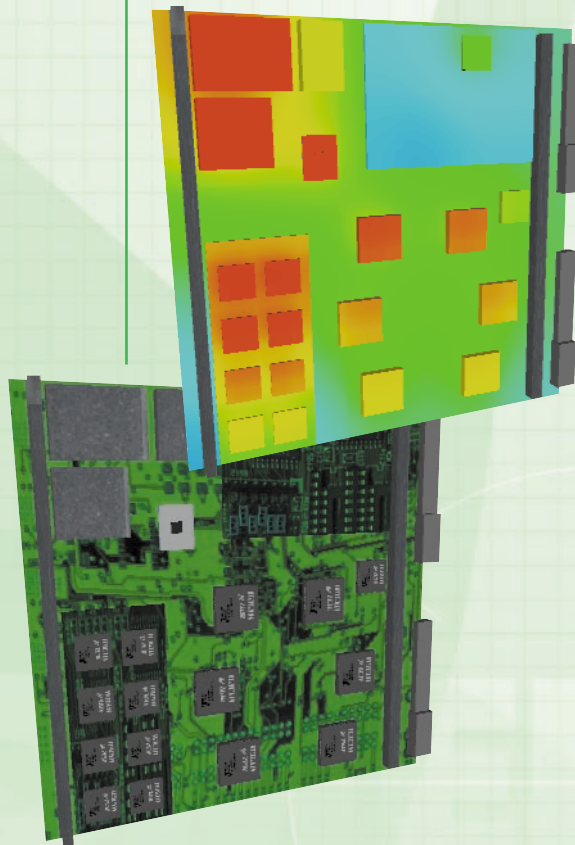


# FLO/EDA

Interfacing FLOTHERM with EDA software

FLO/EDA is a radical new product which links together EDA (Electronic Design Automation) tools used to design PCB's with FLOTHERM - advanced thermal analysis software from Flomerics.



FLO/EDA accepts board layout data from all major EDA tools using IDF (Intermediate Data Format) files. This data is filtered and stored on the FLO/EDA server where the user can edit and supplement it with data not included in the IDF file but critical for the thermal analysis such as:

- component instance power
- component thermal properties
- board layer details

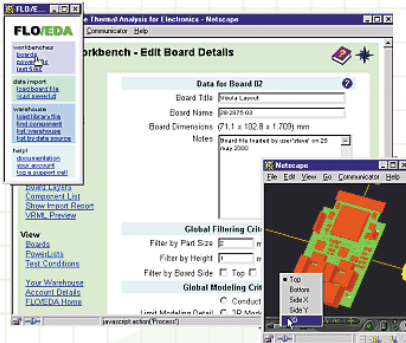
The user can store this data on the server for use in later projects. At any time, the board model can be displayed using a VRML browser.

Once the data is complete, the FLO/EDA user can develop a thermal model for analysis in FLOTHERM. This model is generated using user defined modeling and filtering rules to eliminate excessive detail. The model can be generated as either a stand-alone assembly for import into an existing FLOTHERM model, or can be generated as a "One-Click" Project file which can be loaded into FLOTHERM and run without any further user intervention. In this way, the time necessary for accurate board-level thermal analysis is reduced by an order of magnitude over existing techniques.

**Since 1988**, Flomerics has pioneered a different approach to numerical analysis and simulation.

Flomerics' software tools and services help bridge the gap between science and industry by embedding complex analysis and optimization software deeply into the design process, in a way which enhances productivity in engineering design. This approach is called "Design-Class Analysis".

# FLO/EDA



**FLO/EDA encapsulates the following benefits for the user:**

## Best Known Methods

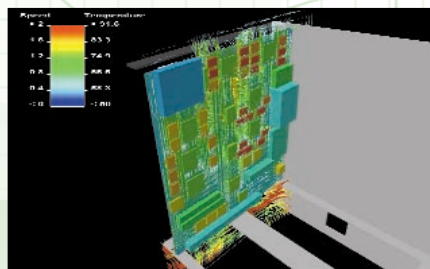
Flomerics has provided specialized thermal analysis software to the Electronics Design Industry since 1988 and has, during that time, built up an enormous bank of knowledge regarding the modeling of PCB's and components. By incorporating this knowledge into FLO/EDA, Flomerics can allow you to take advantage of this knowledge in developing your own models.

## Consistency & Reliability

By using the same system to develop models of a range of boards, the analyst can be more certain that any differences seen are due to the layout and design of the boards rather than differences in modeling.

## Speed

Once you've created one model, you'll see just why FLO/EDA can cut your model building time by a factor of 10.



By implementing FLO/EDA as a Web application, we can implement new modeling techniques by simply changing a single copy of the code on a central Web server and we can do this quickly and as often as is appropriate. This eliminates the need for users to install software locally thus reducing support headaches and minimizing cost.

**For further information on the IDF format, please refer to [www.intermidus.com](http://www.intermidus.com)**

**For further information, or to arrange a technical evaluation of FLO/EDA, please contact your nearest Flomerics office ([www.flomerics.com/contact](http://www.flomerics.com/contact)). Existing Flomerics customers can apply for a free 1 month trial by logging onto the FLO/EDA website.**

# FLOMERICS

## North American Headquarters

Flomerics Inc., 257 Turnpike Road, Suite 100  
Southborough, MA 01772  
Tel: +1 (508) 357 2012 Fax: +1 (508) 357 2013  
[sales@flomerics.com](mailto:sales@flomerics.com) [support@flomerics.com](mailto:support@flomerics.com)

## United Kingdom Corporate Headquarters

Flomerics Ltd., 81 Bridge Road  
Hampton Court, Surrey KT8 9HH, United Kingdom  
Tel: +44 (0) 208 941 8810 Fax: +44 (0) 208 941 8730  
[sales@flomerics.co.uk](mailto:sales@flomerics.co.uk) [support@flomerics.co.uk](mailto:support@flomerics.co.uk)