



ProtoDesignSM

Quality computer software products and services for human-computer interaction (HCI), application design and development, software tools integration and support

Problems with Computing Today

Computers were once exclusive equipment for the elite scientist and engineer to perform complex mathematical calculations and logical inference. Today, computers are pervasive in our society, essential to our workplace and at home. They organize our information, track our financials, allow us to communicate with others, and even provide us with entertainment. The number of computer applications and their versatility has grown enormously, overwhelming the user with a large amount of new material to learn. Emerging technologies in interactive computing have been complicating the situation further. It is increasingly difficult to keep one's computer knowledge up-to-date with each new application and new computing environment. While users are busy reading stacks of instruction manuals for new applications running on new platforms and while software developers are studying hundreds and thousands of new application programming interfaces, computer scientists and engineers continue to bring more inventions and innovations to the industry!

The ProtoDesign Solution

We are a software company dedicated to planning, designing and implementing computing interfaces. These interfaces may exist among the users and the applications, the developers and their software tools, and the software and hardware components. Our goals are:

- to lower the learning curve for the users,
- to reduce the time-to-market for the developers, and ultimately,
- to break the complexity barriers to incorporate emerging technologies into interactive computing.

ProtoDesign is committed to creating software tools and applications in an environment employing simple and easy to use protocols for communication among software modules. Industry standards are utilized to ensure interoperability with third party applications.

ProtoDesign Quality Services

Combining expertise from product design, engineering and computer science, ProtoDesign provides software developers and application users with these quality services:

- Human-Computer Interface (HCI) Design and Development
- Software Interface Design and Development
- Software Integration / Migration Services
- Training Courses / Technical Support



The SansGUI Modeling and Simulation Environment

SansGUI is our premiere entry to help scientists and engineers develop and deploy simulation programs *without writing a single line of Graphical User Interface (GUI) code*. Using the innovative SansGUI software, simulation developers can concentrate on the underlying logic and mathematics of models without having to worry about all of the GUI implementation issues. The simulation users can utilize the object-oriented features in SansGUI to configure various models from physical or abstract systems without having to learn a new environment for each and every simulator.

The Application Domains

The following are some sample application domains that can take advantage of SansGUI's modeling capabilities:

- Physical Systems
- Mechanical Dynamics
- Hydraulic Pipeline Systems
- Control Systems
- Communications Networks
- Electrical/Electronic Circuits
- Artificial Neural Networks
- Other Simulation Fields

For more information about SansGUI, visit <http://protodesign-inc.com/sansgui.htm>.



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You need a **Pro to Design IT!**SM

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All specifications subject to change without notice.